Commonwealth Edison Company's

2008 – 2010

Energy Efficiency and Demand Response Plan

Appendices A-F

Documentation of Analysis and Cost Recovery Rider

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A.1. Cost-Effectiveness Defined

Section 12-103(f) required that each utility -

> *"Demonstrate that its overall portfolio of energy efficiency and demand-response measures, not including programs covered by item (4) of this subsection (f), are* ***cost-effective using the total resource cost test*** *and represent a diverse cross-section of opportunities for customers of all rate classes to participate in the programs."*

The statute defines the total resource cost test as follows:

> *"Total resource cost test" or "TRC test" means a standard that is met if, for an investment in energy efficiency or demand-response measures, the benefit-cost ratio is greater than one. The benefit-cost ratio is the ratio of the net present value of the total benefits of the program to the net present value of the total costs as calculated over the lifetime of the measures. A total resource cost test compares the sum of avoided electric utility costs, representing the benefits that accrue to the system and the participant in the delivery of those efficiency measures, to the sum of all incremental costs of end-use measures that are implemented due to the program (including both utility and participant contributions), plus costs to administer, deliver, and evaluate each demand-side program, to quantify the net savings obtained by substituting the demand-side program for supply resources. In calculating avoided costs of power and energy that an electric utility would otherwise have had to acquire, reasonable estimates shall be included of financial costs likely to be imposed by future regulations and legislation on emissions of greenhouse gases."*

The total resource cost ("TRC") test as it is commonly understood is defined by the California Standard Practice Manual, developed by the California Public Utilities Commission (CPUC). The test was designed by the CPUC to account for all costs and benefits reasonably expected to accrue as the result of the implementation of a demand-side program. The general form of the TRC test as defined by the CPUC is as follows:

TRC = Benefits/Costs

$$BTRC = \sum_{t=1}^{N} \frac{UAC_t + TC_t}{(1+d)^{t-1}} + \sum_{t=1}^{N} \frac{UAC_{at} + PAC_{at}}{(1+d)^{t-1}}$$

$$CTRC = \sum_{t=1}^{N} \frac{PRC_t + PCN_t + UIC_t}{(1+d)^{t-1}}$$

Where:

BTRC=Benefits of the program

CTRC=Costs of the program

UAC_t=Utility avoided supply costs in year t

UIC_t=Utility increased supply costs in year t

PRC_t=Program Administrator (Utility) program costs in year t

PAC_{at}=Participant avoided costs in year t for alternate fuel devices (costs of devices not chosen)

UAC_{at}=Utility avoided supply costs for the alternate fuel in year t

TC=Tax Credits

PCN=Net Participant Costs

The second term in the benefits equation represents the non-electric savings that might result from the implementation of a program designed primarily to save electricity. For example, UAC_{at} could represent the natural gas savings that would be realized in a home as the result of implementing energy efficiency measures intended to reduce the home's cooling load. A common and potent energy efficiency measures is the sealing of a home's heating and cooling ducts to reduce losses. While an electric utility would be interested in this measure as a way to reduce air conditioning consumption (fewer losses mean a central air conditioner needs to run less, thereby using less electricity), the measure also would reduce heating losses during the winter, thus saving gas as well.

When these other fuel saving are included in the TRC test, the net result typically is that energy efficiency measures that affect a building's heating/cooling load are more cost-effective. In some cases, measures that would not be cost-effective when considering only electric or only gas savings, become cost-effective when both sets of savings are considered.

The Illinois version of the TRC test, by explicitly stating that benefits are determined by avoided *electric* utility costs implies that any other fuel savings cannot be considered. The equation for the Illinois test, therefore, is:

$$BTRC = \sum_{t=1}^{N} \frac{UAC_t}{(1+d)^{t-1}}$$

$$CTRC = \sum_{t=1}^{N} \frac{PRC_t + PCN_t + UIC_t}{(1+d)^{t-1}}$$

The effect of excluding other fuel savings is that fewer measures and programs will be cost-effective.

A.2. Measures and Measure Data

The first step in the analysis of measures is to collect the set of energy efficiency measures that will be analyzed as the building blocks for demand-side programs. A measure is a specific technology or practice that results in a decrease in the amount of electricity used per unit of useful service. A common measure is a compact fluorescent light bulb (CFL) when it is used to replace a typical incandescent light bulb. The same level of lighting output is provided using a technology that requires much less electricity. Other measures might include installation of more

efficient commercial lighting technologies, optimizing the refrigerant charge in a central air conditioner, and installing premium efficiency motors.

Replace–on-Fail versus Retrofit: How Savings and Costs are Counted

As described above, an energy efficient measure is a technology or practice which, when implemented, results in less electricity being used to deliver the same service. How much electricity is actually saved depends on how we define the baseline against which savings are measured. Two types of baselines are often considered.

Replace-on-fail baseline: Most pieces of energy-using equipment have finite operating lives, and most consumers do not replace operating equipment before either that equipment fails or, in the consumer's mind, it has reached the end of its useful life. At that point, the consumer must make a decision about what new equipment to purchase. In most cases, there are several options to choose from, each with a different level of energy consumption. When we calculate the energy savings resulting from adoption of a more efficient piece of equipment, we calculate the difference between the energy used by the efficient equipment choice and the energy used by the standard efficiency piece of equipment. Similarly, the costs we count are only the incremental costs of the more efficient alternative over the standard technology. For example, if a homeowner needs to replace her refrigerator, she has a choice between a new refrigerator that meets the basic federal energy efficiency standard or one that meets the higher ENERGY STAR standard. The level of energy savings she would realize by purchasing the ENERGY STAR model is the difference between that model and the standard efficiency new refrigerator. This difference is much lower than the difference between what her old refrigerator used and what the new unit will consume. Similarly, for purposes of the cost-effectiveness analysis we only count the difference in cost between the ENERGY STAR refrigerator and the standard new refrigerator.

Retrofit Baseline: There are some situations in which a working piece of equipment is assumed to be replaced before the end of its useful life or for which there is not an existing baseline. For example, adding insulation to a home is a retrofit measure – the decision is to add or not add insulation and the costs and savings are measured relative to the level of insulation that is already in the home. Similarly, a measure that involves properly charging the refrigerant in an existing central air conditioner is considered a retrofit measure, and savings are measured relative to an existing under- or over-charged unit. The cost of the measure is the full cost to send a technician to test and properly charge the system.

The objective of this step is to develop a comprehensive list of energy efficiency measures that will be screened as part of the planning process. The list of measures to be characterized should cover all major end uses within major market segments and customer classes.

There are several sources of measures and associated measure data. The source often used for most standard measures is the California Database for Energy Efficiency Resources (DEER) http://www.energy.ca.gov/deer/. The CPUC and the California Energy Commission, for purposes of utility energy efficiency planning and program design, maintain this database. The database is regularly updated using the results of recent program impact evaluations, market studies and direct surveys of equipment suppliers. In addition to using the DEER database, additional measures were added to the database developed for this analysis based on work that ICF International had performed for other utilities, other studies of energy efficiency potential that included measure data, and recommendations from ComEd, the Ameren Illinois Utilities and DCEO.

The initial set of measures covered the following end uses:

- **Residential**
  - Lighting
  - Space Heating (including thermal integrity measures)

- Space Cooling (including thermal integrity measures)
- Refrigeration
- Water Heating
- Dishwashing
- Clothes Washing
- Clothes Drying

These end uses were disaggregated by three housing types:

- Single family
  - Detached home with gas space heating with central air conditioning
  - Attached home with gas space heating with central air conditioning
- Multifamily
  - Gas space heating with central air conditioning

Finally, these end uses were represented as being installed in an existing home and a new home built to ENERGY STAR levels.

- **Commercial**
  - HVAC (Heating, Ventilation and Air Conditioning)
  - Lighting – interior and exterior
  - Motors
  - Cooking
  - Refrigeration
  - Domestic Hot Water

- **Industrial**
  - HVAC (Heating, Ventilation and Air Conditioning)
  - Lighting – interior and exterior
  - Motors
  - Process (multiple SIC codes). Process measures break down into two groups. The first group represents crosscutting process measures that are likely to be used across industry types such as compressed air systems, pumping systems, efficient drive systems and so forth. The second group represents processes that are specific to each industry type, such as efficient injection molding technologies in SIC 30, infrared drying in SIC 22/23 and efficient electric melting in SIC 33.

In addition to the end use categories above, measures were distinguished by the sensitivity of their impacts to weather. Non-weather-sensitive measures are those for which associated energy and demand reductions are not greatly influenced by local weather conditions (primarily temperature and humidity). Such measures include lighting technologies, motors, many appliances, food service equipment, and most industrial processes. Weather-sensitive measures are those for which energy and demand savings are directly tied to local weather conditions. These measures include all building shell improvements such as insulation, new windows, and all HVAC equipment. This distinction is critical in determining the permissible sources of data for the measures described below.

A.3.1 Measure Characterization

The analysis requires a variety of data for each measure, including the following:

- Base technology, energy use, peak demand and cost (equipment, installation and annual operating and maintenance).
- Efficient technology energy use, peak demand and cost (equipment, installation and annual operating and maintenance).
- Coincidence factors for the base and efficient technologies that relate the maximum demand reductions for each measure to the system peak. For example, some measures produce their greatest demand reduction during system off-peak hours. The coincidence factor is used to estimate how much of an impact occurs at the time of system peak for purposes of estimating the value of the measure's demand reduction.
- Base and efficient technology useful lifetimes.
- For devices that emit heat as a by-product of operation, a measure of the interactive effects between the efficient technology and building heating load.

The values for these variables are taken from a number of sources. Non-weather-sensitive measure data are taken for the most part from the DEER database (http://www.energy.ca.gov/deer/). This database is the most comprehensive, consistent, widely vetted and regularly updated of available sources. In some cases, however, measure cost data have been taken from other sources, such as on-line price quotes for appliances, the U.S. EPA's ENERGY STAR calculators available at www.energystar.gov, or calls to retailers or installers.

The energy and demand impacts of weather-sensitive measures were estimated using the DOE-2 building energy simulation model.[1] The first step in the simulation process was to develop a representative set of building prototypes. These were:

- **Residential sector**
  - Detached home with gas space heating with central air conditioning
  - Attached home with gas space heating with central air conditioning
  - Multi-Family gas space heating with central air conditioning

- **Commercial sector**
  - Education
  - Food Sales
  - Food Service
  - Health Care

[1] The DOE-2 model was developed with funding from the U.S. Department of Energy (DOE) but now is available in the public domain. ICF International has developed a customized, proprietary version of the model that enables rapid simulation of multiple parametric analyses. The model simulates hourly building energy loads and the performance of building systems and building plant as a function of the average temperature and humidity in multiple locations and user-specified building characteristics for envelope, heating/cooling equipment and lighting and plug loads. By comparing the hourly energy consumption of a baseline building with the same building modified by the addition of an energy efficiency measure, the model yields the incremental energy savings associated with the measure, including any interactive effects.

- Lodging – Hotel
- Lodging - Motel
- Office – Large
- Office – Small
- Retail – Large
- Retail – Small
- Warehouse
- Assembly

The industrial sector building type was defined as a warehouse and no separate building simulation was conducted.

Each of these building types was characterized by a series of inputs pertaining to building shell (*e.g.*, floor area, wall area, insulation levels, window and door area and type, construction, orientation) and system (*e.g.*, HVAC type and efficiency, duct efficiency, control system). These characteristics were based on the construction of a typical existing building in the ComEd service territory. Each building prototype was then benchmarked in its baseline configuration against ComEd-specific or regional building type consumption data, where available.

Once the prototypes were benchmarked, the impact of each of the weather-sensitive measures was simulated using normal weather data for the ComEd territory based on 30-year weather data from the Chicago, Moline and Rockford weather stations. The results of the parametric measure simulations were then subtracted from the baseline buildings' performance to yield the hourly energy savings and coincident peak hour reduction per measure. The hourly energy savings were aggregated to match the costing periods described above.

Appendix B contains the detailed measure characterization, including the savings values and costs used for the measure screening.

A.3. Measure Screening

Once all required data were compiled, measures were passed through a cost-effectiveness screen. The general form of the Illinois TRC test was described above. In the case of measure screening, program administrator costs – variable *PRC* in the equations above – are set to zero, because by definition there are no program costs incurred at this stage.

The method used to calculate the TRC on a measure-by-measure basis was as follows:

- We obtained avoided energy and capacity costs for relevant costing periods. ComEd uses forecasts of market prices to represent avoided energy costs. These costs were provided as 36 values per year corresponding to peak, off-peak and weekend periods for each month. These market prices also included an estimate of an annual avoided demand cost for twenty future years. The forecasts include an assumed cost of carbon of $12 per ton beginning in 2012 and escalating thereafter at 7 percent per year.

- The hourly savings were aggregated into these same 36 costing periods. Energy savings associated with weather-sensitive measures already were expressed in hourly terms. The hourly values for non-weather-sensitive measures were estimated using load shapes that ICF had obtained from the Itron e-Shapes database. These load shapes show electric consumption by end use and sector. We normalized these values and then

multiplied the hourly fraction of annual use by the annual measure energy savings to yield estimates of hourly use by measure within end uses. These hourly values were then aggregated into the 36 costing periods by matching hours. The 36 values for avoided energy costs are then multiplied by the 36 costing period percentages to obtain a single annual value for avoided energy costs. The incorporation of time differentiation, where savings that occur in higher avoided cost periods are given greater weight, adds greater richness to the avoided cost calculation than simply using an annual avoided cost.

- The present value of a stream of avoided costs, expressed as both a $/kWh cost for energy and a $/kW cost for capacity, was calculated. The discount rate used for the analysis was 8.01%, ComEd's weighted average cost of capital (WACC).
- Annual measure energy and demand savings were multiplied by the present value avoided energy and capacity costs to estimate the value of the saved energy over the life of the measure.
- The sum of the value of saved energy and saved demand was divided by the measure incremental cost to yield the Total Resource Cost test benefit-cost ratio.

The measure screening showed a total of slightly over 1,300 measures to be cost-effective. Table 11 below illustrates the results. The TRC screening results for all measures are also shown in Appendix B.

Table A-1. Summary of Measure Screening

	Total # of Measures	# Measures passing TRC > 1.0
Residential	257	90
Commercial	942	692
Industrial	728	527
Totals	1927	1309

A.4. Program Bundling

A.4.1 Measure Bundling

The objective of measure bundling is to group measures into logical bundles representing "program types". A program type is a general classification that references the types of measures that might be offered within a program targeted at a specific market. For example, all residential lighting measures passing the TRC Test might be bundled into a Residential Lighting program. The bundling process is used because, in reality, very few if any programs are designed and implemented that include only a single measure. Program designers attempt to

build programs around combinations of measures that might appeal to a given market and that can be delivered using similar channels. The program types that are used for this process are based on an ongoing review of energy efficiency program design and implementation experience.

The bundling reflects best practice as applied to ComEd's current level of experience. What is best practice for a utility that has been designing and managing programs for two decades will be different in some cases from what should be viewed as best for ComEd. The program types reviewed by ComEd are drawn from a review of a number of well-respected assessments of program best practices such as ACEEE's "America's Best: Profiles of America's Leading Energy Efficiency Programs" report, and reviews of program best practice sponsored by the California Public Utilities Commission and the Energy Trust of Oregon. It also is based on a review of the types of programs implemented by utilities often considered to be leaders in the field such as Xcel Energy, Northeast Utilities, Pacific Gas & Electric, and the Wisconsin Focus on Energy program, recognizing that those utilities have had much more experience and therefore may be pursuing more complex programs than would be prudent for ComEd at this time. Based on ComEd's review of these sources, the elements of best practice design include:

- Programs should focus on technologies/market segments with relatively large untapped potential. Program designs that offer prescriptive rebates for common technologies across the entire C&I market are relatively simple to design and administer, and are very effective in tapping into large veins of efficiency potential in lighting, motors and HVAC systems.

- Programs should leverage existing branding and delivery structures. For example, residential lighting, appliance, and new homes programs built around the ENERGY STAR brand can leverage the market awareness the brand enjoys.

- Programs should employ simple, straightforward program design.

- Incentives should be targeted at the point in the product value chain that yields the greatest leverage.

- Large customers can be most effectively tapped with custom incentive programs. These programs provide rebates for groups of measures based on calculated savings and have proved to be very effective at generating low cost (to the utility) savings.

- Effective programs require close coordination of marketing, technical support and incentives.

- Effective portfolios represent a mix of education/consumer outreach, technical support and training, and incentive elements, each of which is structured to work with the others.

- When working with upstream market participants such as national retailers or manufacturers, programs will be more effective if they employ structures with which these market participants are familiar.

- While there are exceptions, the most important of which is noted below, most best practice programs have staying power. They become best practice because their

sponsors have time to refine both design and implementation. Participation rates climb as program availability becomes known through market networks, and all points in the market chain have time to align with the program.

- Finally, the point above notwithstanding, best practice, both in program design and in implementation looks forward. Even though the immediate focus of a portfolio might be on achieving certain near-term goals, success ultimately is in transforming the market such that consumers make efficient decisions without direct financial incentives. Therefore, best practice requires ComEd to look ahead to identify opportunities to move out of some program markets and into others to ensure program resources are efficiently allocated.

Appendix C includes tables that illustrate how the measures that passed the screening process were bundled into program types.

In addition to designing program bundles that represented what we consider to be best practice, we also sought a balance of programs for the portfolio between those programs that could be ramped up quickly, deliver immediate savings, and were relatively inexpensive (Quick-Start / High Yield) and those that required more development time and were more expensive per unit of energy saved but ultimately would deliver a significant portion of the portfolio's savings (Medium Yield / Market Building). The mix also includes Market Transformation programs and Emerging Technology programs, which give the overall portfolio perspective that we wish to achieve.

A.4.2 Develop Program Templates

The second step in the process of program bundling was to develop basic program descriptions for each type that outlined key elements of design or implementation that would influence program costs and likely participation. For example, residential CFL programs can be designed and implemented in a variety of ways, each with very different costs and implications for participation. Direct installation of CFLs in a home by program implementers would create much more certainty regarding installation, but would cost substantially more than an upstream program that bought down the cost of the lamps at the manufacturer or retailer level. However, the latter approach would inevitably have lower net impacts, as some fraction of the bulbs purchased using program incentives would not be installed.

The templates included design and implementation assumptions related to:

- Target market
- Point of intervention in the product or service chain
- Implementation approach (in-house or contracted)
- Market strategy
- Incentive strategy
- Recruiting strategy
- Administrative support (level of internal resources required to manage a program)

A.4.3 Assemble program data

Once the templates had been completed, yielding a general picture of the level of program intervention, a variety of program-related data were compiled for purposes of program cost-effectiveness screening. These data were compiled based on a review of other utilities' planning assumptions and program experience as reported by those utilities or others (*e.g.,* ACEEE's compilation of exemplary programs). For purposes of cost-effectiveness screening at the program level, we need only to make an assumption regarding total non-incentive, non-measure-related program costs. Although we attempted to break these costs down into several more discrete categories for purposes of program design, that disaggregation is not needed for analysis purposes. Where we were not able to find estimates of these discrete costs, we used estimates of total non-incentive, non-measure costs and normalized these costs relative to incentive costs. In other words, the level of program costs was tied to the level of incentive costs. We prepared a brief summary of program data for a number of utilities to inform our assumptions regarding program costs and participation. The utilities included PG&E, Southern California Edison, Northeast Utilities (Connecticut Light and Power and United Illuminating), NSTAR, Efficiency Vermont, We Energies, Xcel Energy, Arizona Public Service, Nevada Power, NYSERDA, PacifiCorp and the New Jersey Utilities.

Program-level data included:

- **Program administrative costs** – these are the utility's internal costs (mostly labor and overhead) to administer the program. Absent specific examples from comparable utility programs, an initial assumption was made that program administrative costs represented approximately 30% of incentive costs. This assumption was based on a comparison of the relative share of incentive costs represented by administrative costs for a number of utilities including PG&E, We Energies and Xcel Energy. We tied the cost to the incentive level as a way to simplify data input and calculation.

- **Program implementation costs** – these are the costs (mostly labor) associated directly with implementation of a program. Again, these costs were based, where possible, on the costs incurred or assumed by other utilities implementing similar programs. Our initial assumption was that these costs were 30% of incentive costs. For programs requiring more extensive interaction with customers, or which entailed more complex program services or incentive calculations, these costs were increased. For programs with simple implementation structures, the cost was lowered.

- **Program marketing costs** – these are costs associated with production of program marketing collateral and the execution of marketing campaigns. Again, the initial assumption was that these costs represented 30% of incentive costs. These costs were increased for programs requiring more mass market outreach, and lowered for those requiring little marketing (such as programs that would be marketed primarily by trade allies).

- **Participation rates** – This is the number of incremental and total participants per year. ComEd participation estimates used for each program are Company assumptions. The assumptions were based first on judgments regarding the relative difficulty associated with recruiting customers for specific program elements, the levels of savings expected from the program elements given assumed baseline market conditions, and the complexity of the program elements. ComEd focused initially on participation rates for program elements expected to yield the largest shares of program savings given the

nature of the measures, participant cost-effectiveness, and the experience of other utilities. In ComEd's case, the four key program elements are Residential Lighting, Prescriptive Incentives (and within that element, standard lighting measures), Custom Incentives and Appliance Recycling. Participation rates for the first two programs were adjusted up to a level that yielded numbers of installations that are consistent with what at least several other utilities have achieved based on available evaluation reports. Participation rates for other programs were then adjusted to fill in any shortfall in MWh, taking into account the relative complexity of the program and its expected program costs.

These participation rates are applied across all measures within a program element. The participation rate is applied to the estimated number of eligible measures per year. This number of eligible measures is, in turn, estimated using the following equation:

- **Total eligible measures per year** = Total Sector Units * Number of Technology Units per Sector Unit * Relevance (%) * Technical Applicability (%) * Not Yet Adopted (%) * Annual Replacement Eligibility (%), where:
- **Total Sector Units** - The number of units to which a measure pertains. For example, in the case of CFLs, Total Sector Units would be the number of homes.
- **Number of Technology Units per Sector Unit** - The number of measures that can be associated with the basic unit; for example, the number of CFLs per home.
- **Relevance (%)** - A broad measure of measure applicability based on saturation. For example, in the case of residential central air conditioning measures, the relevance would be the percentage of homes with central air conditioning.
- **Technical Applicability (%)** - An adjustment factor that accounts for the fact that the number of measures that could be applied to a basic unit is constrained by a technical limitation. For example, even though there might be 30 CFL-compatible light sockets in a house, perhaps only 10 are located in areas that would be lit on a regular basis for more than a few minutes per day.
- **Not Yet Adopted (%)** - The percentage of the total number of measures that would be technically applicable that have not yet been converted to the efficient alternative. This parameter is equal to 1.0 minus measure saturation.
- **Annual Replacement Eligibility (%)** - The number of eligible measures that can be installed each year. For replace-on-fail measures this annual replacement percentage is equal to one divided by base measure lifetime. For retrofit measures, this percentage essentially is 100%.

The resulting number is multiplied by the annual program participation rate to yield the number of measures installed per year. Very little data for the ComEd service territory were available to support this calculation. For the residential sector, the MEEA 2003 Illinois Residential Market Assessment was used to provide data on relevance, technology units per sector and the not-yet-adopted fractions. Total sector units were based on ComEd customer and sales data. Commercial and industrial sector data were largely unavailable for the ComEd territory. Total sector units were derived from very basic sector sales data for ComEd, U.S. Energy Information Administration data on the regional breakdown of C&I sales by building type, SIC code, and end use. A recent KEMA analysis of energy efficiency potential provided for Xcel's Colorado territory was used to develop estimates of technology units per

sector, technical applicability and the not-yet-adopted fraction. The values for these variables are included with the measure descriptions in Appendix B.

- **Incentive costs** – including the financial incentive costs as well as the value of any equipment and labor associated with direct installation of measures. Incentives were set in one of two ways. Incentives were directly set as a dollar amount per measure for a relatively small set of the most common measures expected to be implemented, such as CFLs and T8/Super T8 commercial lighting. These levels were based generally on a review of the incentive levels offered by other utilities. For the rest of the measures, the incentive levels were calculated as the amount required to reduce customer payback levels to 2.0 years for commercial and industrial customers and 1.0 year for residential customers. The required payback level often is the subject of considerable debate. Generally, commercial and industrial customers are observed to require rates of return on such projects of 50% or higher. Residential customers often appear to require even higher rates of return – on the order of 100%. This calculation was performed on a measure-by-measure basis and, as such, yielded a range of incentive levels for similar measures to the extent that these measures are employed in different building types. We view these calculated levels as simply approximations to be used primarily for budgeting purposes. During process of final program design, the specific incentive levels will be revisited.

- **Savings adjustment factors.** The gross savings realized by a program are equal to the per unit measure savings multiplied by the number of measures installed. However, it is almost universally the case that not all measures incented through a program actually are installed and work properly. Therefore, they produce no savings. Program evaluations are used, in part, to verify installations, and typically will derive a "verified gross savings" estimate. The factor used to translate gross savings into verified gross savings is called the realization rate. Often this phenomenon is not addressed in program planning – one simply assumes that the estimated level of participation is realized. However, given that ComEd is held to strict annual savings goals, accounting for the uncertainty in forward-looking savings estimates is critical. Use of a realization rate in a planning process allows us to account for two factors: first, that actual participation in a program will turn out to be lower than we estimate, and second, that actual installations will be less than the number of participants. Most important, inclusion of this rate in the savings calculation enables us to use this variable in a more formal uncertainty analysis (described below). This rate was set to 0.95 for all program elements. With the exception of some jurisdictions, realization rate data are not widely reported and show a wide variance, even within program types. However, we believe this rate is realistic as many of the programs we reviewed showed a realization rate of greater than 1.0.

  Program cost effectiveness is based on program net savings – savings that are attributable directly to a program after netting out free riders. Net savings are accounted for in the calculation by multiplying verified gross program savings by the NTG ratio. The NTG ratio is the ratio of the verified net savings for a program to the verified gross savings. The difference between net and gross savings is represented by the savings realized by customers who (1) would have implemented an efficiency measure even in the absence of a program incenting it (free riders) and (2) did adopt a measure that is promoted by a program after having been influenced by the program, but without taking the program incentive (free drivers or spillover). Although both effects should be

accounted for in the calculation of a NTG ratio, frequently evaluations have only measured the free rider effect and thus data often are not available for the spillover effect. The effect of applying the NTG ratio, therefore, is to reduce program savings and cost-effectiveness (because program costs are not reduced by the NTG ratio).

Appendix D provides a listing of the program cost and participation assumptions for each program element.

A.5. Program Screening

Once program data were assembled, the program elements were screened for cost-effectiveness using the Total Resource Cost test. Conceptually, the process was the same as described above in relation to the measure screening. The key steps included:

- Calculating the value of measure benefits using the same approach as described earlier under measure screening.
- Summing these benefits over all measures included in a program.
- Reducing these gross benefits by the realization rate and NTG ratios.
- Calculating the total incentive costs by summing over the number of measures projected.
- Summing the total measure incremental costs over all measures included in a program.
- Calculating the total program costs. These costs were either manually input into the cost-effectiveness model based on other utility program experience or were calculated as a fraction of total incentive costs as described above.
- Calculating the Total Resource Cost test benefit-cost ratio.

The cost-effectiveness of ComEd's proposed demand-response program element – an expansion of the Nature First program – was assessed outside of the ICF portfolio analysis model. This analysis utilized a similar measure screening framework as for the energy efficiency programs. The major difference was that the demand-response analysis incorporated ongoing incentives and operations and maintenance (O&M) costs that energy efficiency programs typically do not have.

The benefits were calculated based on an annual coincident peak reduction of 1.34 kW multiplied by the Net Present Value ("NPV") of the avoided capacity cost over a fifteen (15) year measure life. The benefits also included energy savings based on program operations of 8 hours per year. The energy savings were multiplied by the NPV of the avoided energy costs over a fifteen (15) year measure life. The demand and energy benefits were summed to calculate the total utility avoided costs.

The measure incremental costs were calculated based on installing a direct load control switch. The one-time equipment and labor costs, as determined by ComEd, were $80 and $65, respectively. The incremental cost also included the present value of ongoing annual incentive costs of $31.82, and an average annual O&M cost of $12. The present value of these costs was added to the equipment and labor cost to calculate the total incremental cost. The program

costs were the sum of the incremental cost and an $80 one-time customer acquisition / marketing cost.

Appendix D also shows the cost-effectiveness results for each program element.

A.6. DCEO Integration

DCEO provided a list of programs that it proposed to operate under the ComEd portfolio, as well as assumptions required to conduct the TRC test on the programs.

The following table shows the programs proposed by DCEO and the TRC test results. By statute, these programs are not required to pass the TRC test to be eligible for inclusion in the portfolio. The assumptions used to develop the DCEO programs, with the exception of the custom and prescriptive measure level data, are provided by DCEO in a separate filing.

Table A-2. TRC Results for DCEO Programs

Program Name	TRC	Notes
DCEO Public Sector Prescriptive	1.16	
DCEO Public Sector Customized Program	2.92	
DCEO Public Retrocommissioning	2.94	
DCEO Lights for Learning	2.53	
DCEO Low Income New Const. Gut Rehab	0.55	
DCEO Low Income EE Moderate Rehab (MF)	0.35	
DCEO Single Family Rehab	0.30	
DCEO Low Income Direct Install	0.60	
DCEO Smart Energy Design Assistance Program	0.00	No Savings
DCEO Manufacturing Energy Efficiency Program	0.00	No Savings
DCEO Building Industry Training & Education	0.00	No Savings
DCEO Public Sector New Construction	4.30	

A.7. Portfolio Construction

Once program elements were screened, those non-low-income programs passing the TRC test were passed to the portfolio construction and screening stage. This stage was designed to allow adjustment in the participation levels and program element budgets, including budgets for cross-cutting activities such as education, awareness building, training, evaluation and management, such that the total portfolio estimated savings goals would be met at or below the spending screens. In addition, this step was guided by objectives to establish a foundation for subsequent years, create consumer value, and ensure portfolio diversity across end uses and customer classes. The process of developing the final portfolio was necessarily iterative, as program element participation rates and costs were adjusted to yield a mix of program elements satisfying not only the statutory savings goals and spending screens, but ComEd's overall portfolio design goals as well, including the management of various portfolio risks. Generally, the steps followed in designing the final portfolio included:

- **Setting general participation and budget levels for quick-start/high-yield program elements**. These elements included Residential Lighting Incentives, Residential Appliance Recycling, C&I Prescriptive Incentives, C&I Custom Incentives and the Small Business CFL Introductory Kit. Based on our review of the programs implemented by other utilities, it was clear that the majority of early savings would come from these programs, and that these were the program elements that could be designed and brought on-line quickly. Initially, participation rates and program costs, including incentives, were set based on a review of similar programs managed by other utilities. With respect to lighting measures, which are expected to make up the majority of measures installed over the first three years, estimated measure counts based on participation levels were compared with actual measure counts for Pacific Gas and Electric and Southern California Edison – two comparably-sized utilities.

- **Setting participation rates and budgets for medium yield/market building programs elements.** These elements included residential HVAC tune-ups, residential new HVAC, the residential advanced lighting package for new construction, commercial building retrocommissioning and commercial new construction. These program elements are key to ComEd's overall residential and business solutions offerings, help capture lost opportunity savings, and provide portfolio diversity. At the same time, these elements are aimed at pockets of energy efficiency potential that are smaller and often somewhat more challenging to tap than those targeted by the quick-start elements, and the programs tend to be more expensive. Our approach to setting participation levels generally was based on judgment regarding the levels of participation that ComEd believed it could achieve and the associated program costs. Participation rates were boosted in years two and three with the statutory increases in the spending screens, with the intent of lowering the contribution of simple lighting technologies to the portfolio and the need to position these market building programs for more rapid growth in years four through six.

- **Setting spending levels for crosscutting activities**. The quick-start and market building program elements are essential to meeting the savings goals. However, if we are to position the portfolio to create sustained long-run value for customers and to enable customers to take increased responsibility for energy management, incentive-based programs must be coupled with solid educational, awareness-building, training and technology innovation investments. In addition, the portfolio budget must set aside 3% of total funds for evaluation activities.

- **Final Portfolio Construction.** Once initial assumptions were set, the DCEO portfolio was added, and ComEd savings and costs were backed down to ensure that the total savings goals were met within the spending screens. Program element costs were reviewed in more detail for certain program elements to ensure that sufficient incentives were being provided (primarily within the retrocommissioning and commercial new construction program elements where incentives are performance- rather than measure-based. Participation rates also were adjusted to reflect stakeholder concerns that insufficient savings were being projected for retrocommissioning and new construction program elements.

A.8. Risk analysis

Implementation of an energy efficiency portfolio is characterized by a variety of performance, technology, market and evaluation risks. Although the assumptions used to prepare the Plan are based on best available data and the experience of other program administrators, inevitably actual implementation experience will yield results that differ from planning assumptions. Given

that the portfolio must achieve specific savings goals, an analysis of these risks is crucial as part of the planning process to identify and then mitigate or manage away from risks where possible and cost-effective.

ICF performed a risk analysis of ComEd's energy efficiency and demand response portfolio, in conjunction with DCEO's portfolio, as part of the overall analysis to identify risks to the portfolio's ability to achieve the savings goals in Section 12-103(b) of the Public Utilities Act. The risk analysis was performed because there are many uncertainties that characterize the overall analysis. For example, if the values that we have used to represent energy efficiency measure savings are incorrect, if program participation is not what we estimate, or if the NTG ratios calculated by the independent evaluator are different than those that we have used in our analysis, the verified net savings estimated by the evaluator could be different than what we have estimated. Performing a risk analysis of the portfolio identifies uncertainties that contribute the most to portfolio risk. Using these data, ComEd can make informed decisions that balance risk with the need to meet hard savings goals. Data from portfolio risk analysis can also be used by ComEd and evaluators to target evaluation research on programs that present the greatest risk to ComEd.

For this analysis, an **uncertainty** is defined as a measurement of the quality of information about an event or outcome. For example, although some future events are uncertain, there is a significant amount of information about their likelihood, such as for non-weather sensitive measure savings. Other future events are less certain, such as program participation. The higher the quality of information we have about a future event, the more precisely we can estimate its outcome.

A **risk** is defined as a measure of bad outcomes associated with a given plan.

A **Monte Carlo simulation** is defined as a technique used in computer simulations that samples from random number sequences to simulate outcomes with multiple possible values.

In this section, "**the portfolio**" refers to the combined ComEd and DCEO energy efficiency portfolios.

The risk analysis was performed using the Excel-based ICF portfolio analysis model workbook as a platform and @RISK software, an Excel based product, to run Monte Carlo simulations.

A.8.1 Uncertainties and Risks

ICF built on work by the California Public Utilities Commission (CPUC) and Pacific Gas and Electric (PG&E) on energy efficiency portfolio risk in its risk analysis of ComEd's portfolio. The CPUC and PG&E identified three key uncertainties associated with energy efficiency measure savings claimed by programs:

- Measure-specific projections (*i.e.,* the annual energy savings resulting from implementing an energy efficient, instead of a baseline, technology);
- Projected installation counts; and
- NTG ratios.

In addition to defining probability distributions around these key uncertainties, ICF added a fourth uncertainty to the analysis based on the way the ICF model calculates energy savings.

This fourth uncertainty is the engineering verification factor, which is defined as the estimated ratio of verified (evaluated) gross savings to program tracking gross savings corresponding to measures actually installed. Each measure's projected savings is the product of its per-unit savings value, projected installation count, NTG ratio and engineering verification factor. For the entire portfolio:

$$Savings = \sum^{j} \left(UnitSavings * UnitInstalls * NTGR * EngineeringVerificationFactor \right)$$

Where

Savings = Portfolio energy savings; and

j = Number of measures in the portfolio.

There is uncertainty around the values for each of these variables for every measure in the portfolio. Since there is a distribution of probable values for each of these variables, there is also a distribution of probable portfolio savings. The risk analysis identifies the uncertainties that contribute most to variance in probable portfolio savings.

The first step in estimating probability distributions around uncertainties in the portfolio was analyzing each uncertainty at the program or measure level, depending on the uncertainty. For every program or measure in the portfolio, ICF analyzed key factors contributing to the uncertainty of each variable. Based on that analysis, ICF set probability distributions around each uncertainty (unit savings, projected installations, NTG ratio and engineering verification factor) at the program or measure level. Ideally, these probability distributions would be based on observations of many actual values. Unfortunately, consistent data sets do not exist that would enable us to base the distributions on observed variation of values for identical programs. Therefore, the distributions were based on subjective evaluation of the relative uncertainty associated with the source of the initial values.

Unit savings uncertainty was analyzed largely at the measure level. The key factors used in analyzing unit savings uncertainty were the source of the unit savings estimate and the measure's weather sensitivity. Generally, non-weather sensitive measure savings estimates where the savings source was DEER were assigned the lowest levels of unit savings uncertainty.

Installation uncertainty was estimated largely at the program level. There were three key factors used in analyzing project installation uncertainty. The first and most important factor is uncertainty around each proposed program's ability to get measures directly installed. For example, the C&I New Construction program element was ascribed a low degree of uncertainty in its ability get measures directly installed because of the high degree of installation verification required for participants to receive rebates. Given that some program elements, such as Residential Lighting, are projected to contribute more to portfolio savings than other programs, and that more evaluation dollars will be spent researching the most important programs, ability-to-install uncertainty was weighted proportional to each program's projected contribution to total portfolio savings. Other key factors considered in the analysis of installation uncertainty were the program participation rate, and the source of the baseline usage rate. The program participation rate and the baseline usage rate were hardwired into the ICF model. Finally, we considered the applicability of the baseline usage rate estimate, based on its source; for example, residential baseline usage rates applied in the ICF model were published in a study by

the Midwest Energy Efficiency Alliance (MEEA), so ICF ascribed a low level of uncertainty to the study's applicability to the Illinois market.

NTG ratio uncertainty was estimated largely at the program level, and was based on ICF's confidence in the source of the NTG ratio estimate, the applicability of the NTG ratio to ComEd's program and the local market, and the uncertainty around an evaluator's ability to conduct robust impact studies on the program. Because ComEd's evaluation budget is small compared to budgets in other states, we generally ascribed modest levels of confidence in an independent evaluator's ability to conduct robust impact studies. However, because some program elements, such as Residential Lighting, are projected to contribute more to portfolio savings than other programs and since more evaluation dollars will be spent researching the most important programs, evaluation uncertainty was weighted proportional to each program's projected contribution to total portfolio savings. After the initial Monte Carlo runs, some CFL NTG ratio uncertainty bounds were set at the measure level, based on recent evaluation research on CFLs in California.

In some impact evaluation studies, the engineering verification factor is applied to the NTG ratio, or attribution factor, to produce the program realization rate, which is the final net savings ratio the evaluator credits to the program. The engineering verification factor was not considered a key uncertainty in this risk analysis because most of the evaluation risk is captured in NTG ratio uncertainty.

The ICF team reviewed their assumptions about these uncertainties and made adjustments to some distributions based on professional judgment. These adjustments typically reflected program evaluation research findings or the team's experience with the performance of particular measures or programs in other markets. Three rounds of such adjustments occurred during the course of the risk analysis. The first round of adjustments took place before the first Monte Carlo simulation was run. The second and third rounds took place after the first and second Monte Carlo runs, respectively. Appendix E documents the process of setting uncertainty distributions in detail.

A.8.2 Monte Carlo Simulations

Once the uncertainties were established in the risk model[2], ICF ran a Monte Carlo simulation using @RISK software. The simulation calculated 1,000 iterations of the portfolio to arrive at a distribution of probable energy savings over three years. Following the simulation, ICF used @RISK's sensitivity analysis function to analyze the data. The sensitivity analysis function regresses the input data (uncertainties) against the output data (energy savings). The regression coefficients reflect the sensitivity (responsiveness) of the output variable to each input variable.

The first simulation showed portfolio savings highly sensitive to NTG ratio and installations of CFLs in the residential and commercial sectors. The projected number of recycled refrigerators was also a statistically significant uncertainty. Following the simulation, ICF conducted a round of adjustments to uncertainties, including adjustments to NTG ratio uncertainties for residential CFLs based on recent evaluation findings on lighting programs in California.

[2] The risk model uses a subset of worksheets from the ICF portfolio planning model to conduct the risk analysis.

Results of the second simulation still showed that savings were most sensitive to residential and commercial lighting NTG ratio and installations, primarily low and medium wattage CFLs. The projected number of recycled refrigerators was also still an important uncertainty. Following the second simulation, ICF conducted a final round of adjustments to uncertainties.

Results and Analysis

Based on the output of the third Monte Carlo simulation, the critical uncertainties that remained included those associated with residential and commercial CFL NTG ratios and projected installation counts (participation). Other important uncertainties were the potential number of recycled refrigerators, and occupancy sensors rebated through DCEO's Public Sector Prescriptive program.

Table 14 shows the results of the sensitivity analysis using data from the third Monte Carlo Simulation. @RISK uses multivariate stepwise regression in the sensitivity analysis to test the statistical significance of each input variable on the output variable. The uncertainties shown in the table are listed in descending order of statistical significance, and the R-squared value indicates the degree to which the, inputs (uncertainties) in the model explain the output variable (kWh savings). A regression coefficient of zero indicates that there is no significant relationship between the input and the output, while a coefficient of one or minus one indicates a one or minus one standard deviation change in the output for a one standard deviation change in the input. An R-squared of one would indicate that the inputs, fully explain the output variable. The R-squared value for this analysis, 0.86, indicates that inputs in the model explain a large majority of the variance in kWh savings.

Table A-3: Statistically Significant Uncertainties in the Portfolio

Rank for Risk inputs	Uncertainty: Program, Measure Name	Subsector	kWh / RISK OUTPUT Regression Coefficient
#1	NTG: C&I Prescriptive, 36 Watt Integral CFL	Retail - Small	0.38
#2	NTG: Residential Lighting, 13 Watt Integral CFL	All Residential	0.27
#3	NTG: C&I Prescriptive, 23 Watt Integral CFL	Retail - Small	0.27
#4	INSTALLATIONS: Residential Lighting, 13 Watt Integral CFL	All Residential	0.24
#5	INSTALLATIONS: C&I Prescriptive, 36 Watt Integral CFL	Retail - Small	0.23
#6	NTG: Residential Lighting, 25 Watt Integral CFL	All Residential	0.23
#7	INSTALLATIONS: Residential Lighting, 25 Watt Integral CFL	All Residential	0.22
#8	NTG: DCEO Public Sector Prescriptive, Occ-Sensor - Wall box	Education	0.19
#9	NTG: C&I Prescriptive, 18 Watt Integral CFL	Retail - Small	0.19
#10	NTG: DCEO Public Sector Prescriptive, Occ-Sensor - Wall box	Assembly	0.18
#11	NTG: Residential Lighting, 13 Watt Integral CFL	All Residential	0.17
#12	INSTALLATIONS: C&I Prescriptive, 23 Watt Integral CFL	Retail - Small	0.17
#13	NTG: Residential Lighting, 18 Watt Integral CFL	All Residential	0.16
#14	INSTALLATIONS: Residential Lighting, 13 Watt Integral CFL	All Residential	0.16
#15	INSTALLATIONS: DCEO Public Sector Prescriptive, Occ-Sensor -	Assembly	0.15
#16	INSTALLATIONS: Residential Lighting, 18 Watt Integral CFL	All Residential	0.14
#17	NTG: Appliance Recycling Program, Refrigerator Recycling	Single Family, Detached	0.14
#18	kWh: Residential Lighting, 13 Watt Integral CFL	All Residential	0.13
#19	INSTALLATIONS: DCEO Public Sector Prescriptive, 25 Watt Integral CFL	Assembly	0.13
#20	kWh: Residential Lighting, 25 Watt Integral CFL	All Residential	0.13
#21	kWh: Appliance Recycling Program, Refrigerator Recycling	Single Family, Detached	0.13
#22	INSTALLATIONS: C&I Prescriptive, 18 Watt Integral CFL	Retail - Small	0.12
#23	INSTALLATIONS: DCEO Public Sector Prescriptive, Occ-Sensor -	Education	0.11
#24	NTG: DCEO Public Sector Prescriptive, 25 Watt Integral CFL	Assembly	0.10
#25	NTG: C&I Prescriptive, 36 Watt Integral CFL	Food Service	0.09
#26	kWh: C&I Prescriptive, 36 Watt Integral CFL	Retail - Small	0.09
		R-Squared=	**0.86**

The uncertainties contributing most to portfolio risk are not unexpected. CFLs constitute a significant portion of the portfolio, as they do portfolios in other states, because of their cost-effectiveness and market potential. Also, savings values for CFLs have been well established through independent research, which means that little risk lies in the performance of the actual technology and falls instead on program performance— NTG and participation. Relying on CFLs so heavily over the next three years is a risk ComEd must take because reducing their prevalence in the portfolio corresponds to a drop in savings that no other measure or combination of measures can cost-effectively make-up. Mitigating this risk through significant changes in the portfolio would impose significant costs on the portfolio, making it unlikely the portfolio could reach its goals. Nevertheless, based on the results of the uncertainty analysis, the portfolio was rebalanced with increased reliance on the business custom incentive program and retrocommissioning.

The sensitivity around refrigerator recycling is driven by the fact that savings for the measure are relatively high *and* that there is a large market potential for this measure in ComEd's territory. Special attention will need to be paid to the performance of the Residential Appliance Recycling program element by ComEd in order to ensure program managers are maximizing

participation. It will also be important to allocate adequate evaluation spending towards the program so the evaluator can develop robust impact estimates.

Uncertainty around NTG ratios and installations in general is exacerbated by the knowledge that (i) the program evaluator, once chosen, will have a small budget to carry out the research, (ii) that NTG ratios studies are among the most expensive elements of impact evaluation, particularly when they properly address spillover, and (iii) that valid NTG ratio estimates depend on having a substantial sample size that can accommodate necessary stratification.

In addition to verifying program savings through impact studies, evaluators help program managers run their programs more effectively by recommending changes to programs based on impact, process and market research findings. Effective programs filter out free-riders, and install more measures, maximizing the NTG ratio given program budget and market constraints. Evaluators can do a better job helping programs filter out free-riders if they have a sufficient budget to conduct robust impact, process and market studies.

Measuring spillover in addition to free-ridership decreases uncertainty around NTG ratios. It is standard practice in most states, and reflects programs impacts on consumer choices, to purchase efficient products without incentives.

In summary, despite the risk, relying heavily on CFLs in the ComEd portfolio is necessary, as no other measure or set of measures can produce savings as quickly or cost-effectively. The uncertainty around CFL NTG ratios and installations would decrease if ComEd had a larger evaluation budget because evaluators would be able to conduct more robust evaluations and better help programs filter out free-riders and increase installations. Including spillover in NTG ratios will decrease uncertainty in general around evaluations by crediting programs with the influence they have on consumer behavior beyond rebates. Finally, appliance recycling is an important measure with considerable potential in ComEd's territory, and ComEd will need to focus adequate resources, in terms of management and evaluation, toward maximizing participation in Residential Appliance Recycling program element.

Appendix B: Measure Information

Appendix B contains the measure-level information from the energy efficiency potential model developed by ICF International. It is divided into four groups of pages.

Pages B-2 – B-21 contain the basic measure information describing the base and efficient technologies, whether the measure's savings are weather-sensitive, the end-use application (lighting, cooling, etc.) and the unit by which costs and savings are denominated. The next five columns contain the inputs to and final results of the measure level Total Resource Cost (TRC) test. These inputs include the measure's lifetimes, incremental costs, annual energy (kWh) savings, and annual coincident peak power (kW) savings.

Pages B-22 – B-41 shows the market baseline and appropriate factors to determine how many units of each measure could technically be applied. The market baseline determination begins by establishing the eligible population of measures that can be replaced by more efficient measures. This "gross" population is then reduced by a series of factors shown below to account for the relevance of the measure, technical feasibility of measure replacement, the fraction of the total number of eligible baseline measures that are not yet efficient (based on the definition of the efficient measure), and the annual replacement eligibility which represents the fraction of the baseline stock that is assumed to turn over each year. Note that, for most measures, ComEd-specific baseline information was very limited. Thus in many cases, ICF assumptions, or state, regional or national data were used to develop proxy values.

Total Sector Units (eg, # of Homes)	# Technology Units per Sector Unit (eg, Bulbs per Home)	Relevance (eg, % of Homes with CAC)	Technical Applicability (%)	Not Yet Adopted (%)	Annual Replacement Eligibility (%)	Total Applicable Technology Units

These variables work together according to the following equation:

Total Sector Units * Technology Units per Sector Unit * Relevance (%) * Technical Applicability (%) * Not Yet Adopted (%) * Annual Replacement Eligibility (%) = Total Applicable Technology Units

The last two columns of this grouping show in which programs the measures are included, as well as whether the measures are classified as a "special measure." These special measures are used so that specific incentive levels can be set for those measures, separately from other measures in a certain program. Special measures include CFLs, linear fluorescent lamps (T-8s), motors, appliance recycling, commercial building new construction, and Nature First demand response measures.

Pages B-42 – B-61 show the incentive levels offered for the measures, the number of efficient technology installations, energy (kWh) savings, and coincident peak power (kW) savings for each year of the three year program period.

Pages B-62 – B-81 show the sources used for the measure names, costs, savings, lifetimes, and participation. In addition, the DEER Measure ID is shown for DEER measures; for the few measures taken from a report by RLW Analytics, the appropriate RLW Measure ID is included; and the industrial sector measures taken from a report by KEMA have the appropriate KEMA Measure ID.

In pages B-2 through B-81, a row that is shaded in gray indicates a measure that contained incomplete data, or was not used in the screening.

Pages B-82 – B-85 show the inputs used for Residential and Non-Residential building types in the DOE-2 simulations.

ICF ID	Efficient Technology	Sub Division	Weather Sens?	End Use	Base Efficiency Definition	Unit Name	Measure Life	Total Incremental Cost	Annual kWh Savings	Annual kW Coincident Peak Savings	TRC
1	Efficient Clothes Dryer	All Residential	NWS	Electric Dryer	Gas Clothes Dryer EF=2.67. Single Family, 416 dry cycles	Clothes Dryer	18.0	$242	0	0.00	0.00
2	Efficient Clothes Dryer	All Residential	NWS	Electric Dryer	Electric Clothes Dryer EF=3.01. Single Family, 416 dry cycles	Clothes Dryer	18.0	$238	0	0.00	0.00
3	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, electric water heat and electric dryer	Clothes Washer	14.0	$0	199	0.08	0.00
4	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, electric water heat and gas dryer	Clothes Washer	14.0	$0	143	0.06	0.00
5	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, gas water heat and electric dryer	Clothes Washer	14.0	$0	57	0.02	0.00
6	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, gas water heat and gas dryer	Clothes Washer	14.0	$0	0	0.00	0.00
7	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, electric water heat and electric dryer	Clothes Washer	14.0	$381	221	0.09	0.37
8	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, electric water heat and gas dryer	Clothes Washer	14.0	$381	159	0.07	0.26
9	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, gas water heat and electric dryer	Clothes Washer	14.0	$381	63	0.03	0.10
10	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, gas water heat and gas dryer	Clothes Washer	14.0	$381	0	0.00	0.00
11	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, electric water heat and electric dryer	Clothes Washer	14.0	$785	253	0.11	0.20
12	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, electric water heat and gas dryer	Clothes Washer	14.0	$785	182	0.08	0.15
13	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, gas water heat and electric dryer	Clothes Washer	14.0	$785	72	0.03	0.06
14	Energy Star Clothes Washer - 1.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 1.5 capacity, gas water heat and gas dryer	Clothes Washer	14.0	$785	0	0.00	0.00
15	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, electric water heat and electric dryer	Clothes Washer	14.0	$181	351	0.15	1.23
16	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, electric water heat and gas dryer	Clothes Washer	14.0	$181	252	0.11	0.88
17	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, gas water heat and electric dryer	Clothes Washer	14.0	$181	100	0.04	0.35
18	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, gas water heat and gas dryer	Clothes Washer	14.0	$181	0	0.00	0.00
19	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, electric water heat and electric dryer	Clothes Washer	14.0	$549	390	0.16	0.45
20	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, electric water heat and gas dryer	Clothes Washer	14.0	$549	280	0.12	0.32
21	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, gas water heat and electric dryer	Clothes Washer	14.0	$549	111	0.05	0.13
22	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, gas water heat and gas dryer	Clothes Washer	14.0	$549	0	0.00	0.00
23	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, electric water heat and electric dryer	Clothes Washer	14.0	$593	447	0.19	0.48
24	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, electric water heat and gas dryer	Clothes Washer	14.0	$593	321	0.13	0.34
25	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, gas water heat and electric dryer	Clothes Washer	14.0	$593	128	0.05	0.14
26	Energy Star Clothes Washer - 2.65 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 2.65 capacity, gas water heat and gas dryer	Clothes Washer	14.0	$593	0	0.00	0.00
27	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, electric water heat and electric dryer	Clothes Washer	14.0	$246	463	0.19	1.19
28	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, electric water heat and gas dryer	Clothes Washer	14.0	$246	333	0.14	0.86
29	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, gas water heat and electric dryer	Clothes Washer	14.0	$246	132	0.06	0.34
30	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, gas water heat and gas dryer	Clothes Washer	14.0	$246	0	0.00	0.00
31	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, electric water heat and electric dryer	Clothes Washer	14.0	$853	515	0.21	0.38
32	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, electric water heat and gas dryer	Clothes Washer	14.0	$853	370	0.15	0.27
33	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, gas water heat and electric dryer	Clothes Washer	14.0	$853	147	0.06	0.11
34	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, gas water heat and gas dryer	Clothes Washer	14.0	$853	0	0.00	0.00
35	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, electric water heat and electric dryer	Clothes Washer	14.0	$765	590	0.25	0.49
36	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, electric water heat and gas dryer	Clothes Washer	14.0	$765	424	0.18	0.35
37	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, gas water heat and electric dryer	Clothes Washer	14.0	$765	168	0.07	0.14
38	Energy Star Clothes Washer - 3.5 cf	All Residential	NWS	Clothes Washer	MEF=1.04, 3.5 capacity, gas water heat and gas dryer	Clothes Washer	14.0	$765	0	0.00	0.00
39	25W CFL Table Lamp	All Residential	NWS	Lighting	100W Incandescent Table Lamp	Fixture	16.0	$10	56	0.0055	3.02
40	30W CFL Table Lamp	All Residential	NWS	Lighting	120W Incandescent Table Lamp	Fixture	16.0	$10	67	0.0066	3.62
41	55W CFL Table Lamp	All Residential	NWS	Lighting	200W Incandescent Table Lamp	Fixture	16.0	$10	109	0.0106	5.83
42	70W CFL Torchiere (two LAMPs)	All Residential	NWS	Lighting	300W Halogen LAMP Torchiere	Fixture	9.0	$15	172	0.0168	4.08
43	20W CFL Table Lamp	All Residential	NWS	Lighting	75W Incandescent Table Lamp	Fixture	16.0	$10	41	0.0040	2.21
44	55W CFL Torchiere	All Residential	NWS	Lighting	300W Halogen LAMP Torchiere	Fixture	9.0	$15	184	0.0179	4.35
45	30 Watt Integral CFL	All Residential	NWS	Lighting	100W Incandescent	Lamp	9.0	$9	54	0.0051	2.20
46	36 Watt Integral CFL	All Residential	NWS	Lighting	150W Incandescent	Lamp	9.0	$7	88	0.0083	4.45
47	40 Watt Integral CFL	All Residential	NWS	Lighting	150W Incandescent	Lamp	9.0	$11	85	0.0080	2.84
48	28 Watt Integral CFL	All Residential	NWS	Lighting	100W Incandescent	Lamp	9.0	$7	55	0.0052	2.62
49	14 Watt Modular CFL	All Residential	NWS	Lighting	60W Incandescent	Lamp	16.0	$46	39	0.0037	0.46
50	25 Watt Integral CFL	All Residential	NWS	Lighting	75W Incandescent	Lamp	9.0	$8	38	0.0036	1.65
51	25 Watt Integral CFL	All Residential	NWS	Lighting	100W Incandescent	Lamp	9.0	$3.14	58	0.0055	6.50
52	26 Watt Integral CFL	All Residential	NWS	Lighting	75W Incandescent	Lamp	9.0	$9	38	0.0036	1.55
53	26 Watt Integral CFL	All Residential	NWS	Lighting	100W Incandescent	Lamp	9.0	$7	57	0.0054	2.92
54	15 Watt Modular CFL	All Residential	NWS	Lighting	60W Incandescent	Lamp	16.0	$46	38	0.0036	0.45
55	13 Watt Modular CFL	All Residential	NWS	Lighting	40W Incandescent	Lamp	16.0	$45	23	0.0022	0.27
56	13 Watt Modular CFL	All Residential	NWS	Lighting	60W Incandescent	Lamp	16.0	$45	40	0.0038	0.48
57	16 Watt Modular CFL	All Residential	NWS	Lighting	60W Incandescent	Lamp	16.0	$47	38	0.0036	0.43
58	16 Watt Integral CFL	All Residential	NWS	Lighting	60W Incandescent	Lamp	9.0	$5	34	0.0032	2.23
59	20 Watt Modular CFL	All Residential	NWS	Lighting	75W Incandescent	Lamp	16.0	$48	47	0.0045	0.52
60	55 Watt Modular CFL	All Residential	NWS	Lighting	200W Incandescent	Lamp	16.0	$66	124	0.0117	1.01
61	18 Watt Modular CFL	All Residential	NWS	Lighting	60W Incandescent	Lamp	16.0	$47	36	0.0034	0.40
62	65 Watt Modular CFL	All Residential	NWS	Lighting	200W Incandescent	Lamp	16.0	$71	115	0.0109	0.87
63	23 Watt Modular CFL	All Residential	NWS	Lighting	100W Incandescent	Lamp	16.0	$50	66	0.0062	0.71
64	26 Watt Modular CFL	All Residential	NWS	Lighting	75W Incandescent	Lamp	16.0	$51	42	0.0040	0.44
65	40 Watt Modular CFL	All Residential	NWS	Lighting	120W Incandescent	Lamp	16.0	$58	68	0.0065	0.63
66	28 Watt Modular CFL	All Residential	NWS	Lighting	100W Incandescent	Lamp	16.0	$52	61	0.0058	0.63

ICF ID	Efficient Technology	Sub Division	Weather Sens?	End Use	Base Efficiency Definition	Unit Name	Measure Life	Total Incremental Cost	Annual kWh Savings	Annual kW Coincident Peak Savings	TRC
67	25 Watt Modular CFL	All Residential	NWS	Lighting	100W Incandescent	Lamp	16.0	$51	64	0.0061	0.67
68	26 Watt Modular CFL	All Residential	NWS	Lighting	100W Incandescent	Lamp	16.0	$51	63	0.0060	0.66
69	15 Watt Integral CFL	All Residential	NWS	Lighting	60W Incandescent	Lamp	9.0	$5	35	0.0033	2.45
70	14 Watt Integral CFL	All Residential	NWS	Lighting	60W Incandescent	Lamp	9.0	$5	35	0.0034	2.70
71	25 Watt Modular CFL	All Residential	NWS	Lighting	75W Incandescent	Lamp	16.0	$51	43	0.0041	0.45
72	19 Watt Modular CFL	All Residential	NWS	Lighting	75W Incandescent	Lamp	16.0	$48	48	0.0045	0.53
73	18 Watt Modular CFL	All Residential	NWS	Lighting	75W Incandescent	Lamp	16.0	$47	49	0.0046	0.55
74	20 Watt Integral CFL	All Residential	NWS	Lighting	75W Incandescent	Lamp	9.0	$6	42	0.0040	2.32
75	18 Watt Integral CFL	All Residential	NWS	Lighting	75W Incandescent	Lamp	9.0	$2.89	44	0.0042	5.37
76	23 Watt Integral CFL	All Residential	NWS	Lighting	100W Incandescent	Lamp	9.0	$6	59	0.0056	3.47
77	30 Watt Modular CFL	All Residential	NWS	Lighting	120W Incandescent	Lamp	16.0	$53	77	0.0073	0.77
78	19 Watt Integral CFL	All Residential	NWS	Lighting	75W Incandescent	Lamp	9.0	$6	43	0.0041	2.49
79	18 Watt Integral CFL	All Residential	NWS	Lighting	60W Incandescent	Lamp	9.0	$6	32	0.0031	1.87
80	13 Watt Integral CFL	All Residential	NWS	Lighting	40W Incandescent	Lamp	9.0	$2.43	21	0.0020	3.03
81	13 Watt Integral CFL	All Residential	NWS	Lighting	60W Incandescent	Lamp	9.0	$2.39	36	0.0034	5.35
82	Efficient Two Speed Pool Pump	All Residential	NWS	Pool/Spa	Inefficient Single Speed Pool Pump	Pump	10.0	$182	656	0.54	2.23
83	Efficient Single Speed Pool Pump	All Residential	NWS	Pool/Spa	Inefficient Single Speed Pool Pump	Pump	10.0	$51	336	0.10	3.04
84	Refrigerator: Side Mount Freezer	All Residential	NWS	Refrigerator	Refrigerator: Side Mount Freezer without through-the-door ice. Fre	Refrigerator	18.0	$98	64	0.01	0.39
85	Refrigerator: Side Mount Freezer	All Residential	NWS	Refrigerator	Refrigerator: Side Mount Freezer with through-the-door ice. Fresh	Refrigerator	18.0	$136	76	0.01	0.34
86	Refrigerator: Side Mount Freezer	All Residential	NWS	Refrigerator	Refrigerator: Side Mount Freezer with through-the-door ice. Fresh	Refrigerator	18.0	$170	67	0.01	0.24
87	Refrigerator: Side Mount Freezer	All Residential	NWS	Refrigerator	Refrigerator: Side Mount Freezer without through-the-door ice. Fre	Refrigerator	18.0	$951	60	0.01	0.04
88	Refrigerator: Bottom Mount Freezer	All Residential	NWS	Refrigerator	Refrigerator: Bottom Mount Freezer without through-the-door ice.	Refrigerator	18.0	$15	55	0.01	2.26
89	Refrigerator: Top Mount Freezer	All Residential	NWS	Refrigerator	Refrigerator: Top Mount Freezer without through-the-door ice. Fre	Refrigerator	18.0	$141	47	0.01	0.20
90	Refrigerator: Bottom Mount Freezer	All Residential	NWS	Refrigerator	Refrigerator: Bottom Mount Freezer without through-the-door ice.	Refrigerator	18.0	$142	58	0.01	0.25
91	Refrigerator: Top Mount Freezer	All Residential	NWS	Refrigerator	Refrigerator: Top Mount Freezer without through-the-door ice. Fre	Refrigerator	18.0	$4	45	0.01	7.51
92	Refrigerator Recycling	Single Family, Detached	NWS	Refrigerator	Standard Refrigerator	Refrigerator	8.0	$50	1,946	0.30	12.83
93	Freezer Recycling	Single Family, Detached	NWS	Freezer	Standard Freezer	Freezer	8.0	$25	1,662	0.2560	22.05
94	Window AC - efficient	Single Family, Detached	WS	Cooling	Window AC - base efficiency	Home	10.0	$49	80	0.04	0.96
95	Energy Star Dish Washer	Single Family, Detached	NWS	Dishwasher	EF=0.46, 160 wash cycles	Dishwasher	13.0	$134	97	0.03	0.42
96	Energy Star Dish Washer	Single Family, Attached	NWS	Dishwasher	EF=0.46, 160 wash cycles	Dishwasher	13.0	$134	97	0.03	0.42
97	Energy Star Dish Washer	Multi-family	NWS	Dishwasher	EF=0.46, 215 wash cycles	Dishwasher	13.0	$134	72	0.02	0.31
98	13 SEER (11.09 EER) Split System Air Conditioner	Single Family, Detached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$3,007	523	1.15	0.30
99	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Detached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$3,189	822	1.40	0.37
100	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Detached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$4,068	843	1.47	0.30
101	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Detached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$4,178	889	1.57	0.31
102	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Detached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$4,288	926	1.66	0.32
103	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Detached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$4,609	962	1.73	0.31
104	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Detached	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$182	300	0.25	1.59
105	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Detached	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$1,061	320	0.32	0.32
106	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Detached	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$1,171	366	0.42	0.35
107	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Detached	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$1,281	403	0.51	0.38
108	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Detached	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$1,601	440	0.59	0.34
109	Condensing 96 AFUE (1.03 HIR) Furnace	Single Family, Detached	WS	Heating	78 AFUE	Home	18.0	$766	0	0.00	0.00
111	Infiltration of 0.5 Air Changes per Hour	Single Family, Detached	WS	Cooling	Infiltration of 0.75 Air Changes per Hour	Home	10.0	$376	217	0.30	0.47
112	Programmable Thermostat	Single Family, Detached	WS	Cooling	No night setback/setup	Home	12.0	$24	79	0.00	0.30
113	Whole House Fans	Single Family, Detached	WS	Cooling	No Night Ventilation/Economizer	Home	15.0	$696	0	0.00	0.00
114	Wall R-5 Shealthing Vinyl Replacement	Single Family, Detached	WS	Cooling	R-7 Wall Insulation	Home	20.0	$1,581	244	0.22	0.17
115	Ceiling Vintage to R-30 Insulation-Blown In	Single Family, Detached	WS	Cooling	R-10 Ceiling Insulation	Home	20.0	$333	120	0.11	0.40
116	Ceiling Vintage to R-38 Insulation-Batts	Single Family, Detached	WS	Cooling	R-10 Ceiling Insulation	Home	20.0	$423	130	0.12	0.34
117	Bsmt Wall R-0 to R-13 Insulation Batts	Single Family, Detached	WS	Cooling	R-0 Bsmt Wall Insulation	Home	20.0	$2,503	60	0.09	0.03
118	Bsmt Wall R-0 to R-19 Insulation Batts	Single Family, Detached	WS	Cooling	R-0 Bsmt Wall Insulation	Home	20.0	$2,772	75	0.10	0.03
121	U-0.35 / SHGC-0.40 (tint) Window	Single Family, Detached	WS	Cooling	U-0.65 / SHGC-0.80 (clear) Window	Home	10.0	$998	899	1.67	0.92
122	Home Performance with Energy Star	Single Family, Detached	WS	Cooling	Baseline home	Home	20.0	$3,820	1,033	1.20	0.32
123	ENERGY STAR Home	Single Family, Detached	WS	Cooling	Baseline new home	Home	20.0	$907	598	0.17	0.49
124	Window AC - efficient	Single Family, Detached	WS	Cooling	Window AC - base efficiency	Home	15.0	$49	20	0.04	0.54
125	0.93 EF	Single Family, Detached	NWS	Electric Hot Water	0.91 EF	Home	20.0	$72	108	0.00	0.84
126	DHW wrap R-4	Single Family, Detached	NWS	Electric Hot Water	DHW wrap R-0	Home	20.0	$20	193	0.00	5.44
127	Hot Water Pipe Insulation	Single Family, Detached	NWS	Electric Hot Water	No Hot Water Pipe Insulation	Home	10.0	$29	215	0.00	2.61
128	Low Flow Shower Heads	Single Family, Detached	NWS	Electric Hot Water	Regular Flow Shower Heads	Home	10.0	$76	532	0.00	2.49
129	13 SEER (11.09 EER) Split System Air Conditioner	Single Family, Attached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$2,339	228	0.64	0.20
130	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Attached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$2,480	393	0.76	0.24
131	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Attached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$3,164	417	0.82	0.21
132	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Attached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$3,250	434	0.87	0.21
133	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Attached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$3,335	452	0.92	0.22
134	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Attached	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$3,584	464	0.97	0.21
135	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Attached	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$141	165	0.11	1.01

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136	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Attached	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$825	190	0.17	0.23
137	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Attached	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$911	207	0.23	0.25
138	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Attached	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$996	224	0.28	0.26
139	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Attached	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$1,245	236	0.32	0.23
140	Condensing 96 AFUE (1.03 HIR) Furnace	Single Family, Attached	WS	Heating	78 AFUE	Home	18.0	$657	0	0.00	0.00
142	Infiltration of 0.5 Air Changes per Hour	Single Family, Attached	WS	Cooling	Infiltration of 0.75 Air Changes per Hour	Home	10.0	$316	124	0.16	0.31
143	Programmable Thermostat	Single Family, Attached	WS	Cooling	No night setback/setup	Home	12.0	$24	37	0.00	0.20
145	Wall R-5 Shealthing Vinyl Replacement	Single Family, Attached	WS	Cooling	R-7 Wall Insulation	Home	20.0	$1,000	108	0.11	0.12
146	Ceiling Vintage to R-30 Insulation-Blown In	Single Family, Attached	WS	Cooling	R-10 Ceiling Insulation	Home	20.0	$286	80	0.08	0.33
147	Ceiling Vintage to R-38 Insulation-Batts	Single Family, Attached	WS	Cooling	R-10 Ceiling Insulation	Home	20.0	$362	90	0.09	0.29
152	U-0.35 / SHGC-0.40 (tint) Window	Single Family, Attached	WS	Cooling	U-0.65 / SHGC-0.80 (clear) Window	Home	10.0	$772	427	0.43	0.42
153	Home Performance with Energy Star	Single Family, Attached	WS	Cooling	Baseline home	Home	20.0	$2,183	302	0.60	0.22
154	ENERGY STAR Home	Single Family, Attached	WS	Cooling	Baseline new home	Home	20.0	$478	245	0.26	0.57
155	Window AC - efficient	Single Family, Attached	WS	Cooling	Window AC - base efficiency	Home	15.0	$49	20	0.02	0.45
156	0.93 EF	Single Family, Attached	NWS	Electric Hot Water	0.91 EF	Home	20.0	$72	108	0.00	0.84
157	DHW wrap R-4	Single Family, Attached	NWS	Electric Hot Water	DHW wrap R-0	Home	20.0	$20	193	0.00	5.44
158	Hot Water Pipe Insulation	Single Family, Attached	NWS	Electric Hot Water	No Hot Water Pipe Insulation	Home	10.0	$21	215	0.00	3.55
159	Low Flow Shower Heads	Single Family, Attached	NWS	Electric Hot Water	Regular Flow Shower Heads	Home	10.0	$76	532	0.00	2.49
160	13 SEER (11.09 EER) Split System Air Conditioner	Multi-family	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$718	210	0.25	0.35
161	14 SEER (11.99 EER) Split-System Air Conditioner	Multi-family	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$709	274	0.29	0.44
162	15 SEER (12.72 EER) Split-System Air Conditioner	Multi-family	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$904	296	0.31	0.37
163	16 SEER (11.61 EER) Split System Air Conditioner	Multi-family	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$928	311	0.34	0.38
164	17 SEER (12.28 EER) Split-System Air Conditioner	Multi-family	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$953	328	0.35	0.39
165	18 SEER (13.37 EER) Split-System Air Conditioner	Multi-family	WS	Cooling	8.0 SEER Split System Air Conditioner	Home	18.0	$1,024	343	0.37	0.38
166	14 SEER (11.99 EER) Split-System Air Conditioner	Multi-family	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$40	64	0.04	1.39
167	15 SEER (12.72 EER) Split-System Air Conditioner	Multi-family	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$236	86	0.07	0.35
168	16 SEER (11.61 EER) Split System Air Conditioner	Multi-family	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$260	101	0.09	0.39
169	17 SEER (12.28 EER) Split-System Air Conditioner	Multi-family	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$285	118	0.11	0.43
170	18 SEER (13.37 EER) Split-System Air Conditioner	Multi-family	WS	Cooling	13.0 SEER Split System Air Conditioner	Home	18.0	$356	133	0.12	0.39
171	Condensing 96 AFUE (1.03 HIR) Furnace	Multi-family	WS	Heating	78 AFUE	Home	18.0	$328	0	0.00	0.00
173	Infiltration of 0.5 Air Changes per Hour	Multi-family	WS	Cooling	Infiltration of 0.75 Air Changes per Hour	Home	10.0	$148	58	0.03	0.21
174	Programmable Thermostat	Multi-family	WS	Cooling	No night setback/setup	Home	12.0	$24	20	0.00	0.23
175	Wall R-5 Shealthing Vinyl Replacement	Multi-family	WS	Cooling	R-7 Wall Insulation	Home	20.0	$352	48	0.04	0.14
176	U-0.35 / SHGC-0.40 (tint) Window	Multi-family	WS	Cooling	U-0.65 / SHGC-0.80 (clear) Window	Home	10.0	$300	321	0.31	0.78
177	Home Performance with Energy Star	Multi-family	WS	Cooling	Baseline home	Home	20.0	$1,019	68	0.05	0.06
178	ENERGY STAR Home	Multi-family	WS	Cooling	Baseline new home	Home	20.0	$223	97	0.09	0.46
179	Window AC - efficient	Multi-family	WS	Cooling	Window AC - base efficiency	Home	15.0	$49	20	0.02	0.37
180	0.93 EF	Multi-family	NWS	Electric Hot Water	0.91 EF	Home	20.0	$72	108	0.00	0.85
181	DHW wrap R-4	Multi-family	NWS	Electric Hot Water	DHW wrap R-0	Home	20.0	$20	193	0.00	5.46
183	Faucet aerators	Multi-family	NWS	Electric Hot Water	No Faucet Aerators	Home	9.0	$7	52	0.01	2.86
184	Low Flow Shower Heads	Multi-family	NWS	Electric Hot Water	Regular Flow Shower Heads	Home	10.0	$38	355	0.02	3.47
185	18 Watt Integral CFL	Multi-family	NWS	Lighting	75W Incandescent	Lamp	9.0	$3	44	0.00	5.33
186	2 4' T8 32 watt lamps with EB	Multi-family	NWS	Lighting	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	64	0.01	0.97
187	2 4' Super T8 28 watt lamps with EB	Multi-family	NWS	Lighting	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	109	0.02	1.45
188	1 4' T8 32 watt lamps with EB and reflector	Multi-family	NWS	Lighting	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	178	0.03	1.55
189	2 4' T8 32 watt lamps with EB with dimming system	Multi-family	NWS	Lighting	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	130	0.02	0.63
190	2 4' T8 32 watt lamps with EB with occupancy sensors	Multi-family	NWS	Lighting	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	117	0.02	1.20
191	2 4' Super T8 28 watt lamps with EB	Multi-family	NWS	Lighting	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	46	0.01	4.73
192	2 8' T8 59 watt lamps with EB	Multi-family	NWS	Lighting	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	64	0.01	0.43
193	2 8' Super T8 59 watt lamps with EB	Multi-family	NWS	Lighting	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	114	0.02	0.65
194	1 8' T8 59 watt lamps with EB and reflector	Multi-family	NWS	Lighting	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	251	0.04	1.23
195	2 8' T8 59 watt lamps with EB with dimming system	Multi-family	NWS	Lighting	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	188	0.03	0.55
196	2 8' T8 59 watt lamps with EB with occupancy sensors	Multi-family	NWS	Lighting	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	163	0.03	0.77
197	2 8' Super T8 59 watt lamps with EB	Multi-family	NWS	Lighting	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	50	0.01	1.97
198	Electroluminescent Exit Sign (New)	Multi-family	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$107	381	0.05	1.90
199	Electroluminescent Exit Sign Retrofit Kit	Multi-family	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$104	381	0.05	1.96
200	LED Exit Sign (New)	Multi-family	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$65	351	0.04	2.88
201	LED Exit Sign Retrofit Kit	Multi-family	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign Kit	16.0	$51	351	0.04	3.73
202	Occ-Sensor - Plug loads	Multi-family	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	10.0	$117	143	0.05	0.56
203	Occ-Sensor - Wall box	Multi-family	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	8.0	$77	214	0.18	1.38
204	50W Metal Halide	Office - Large	NWS	Lighting - Interior	150W Incandescent	HID Lamp	16.0	$214	329	0.08	0.96
205	75W Metal Halide	Office - Large	NWS	Lighting - Interior	100W Mercury Vapor	HID Lamp	16.0	$221	82	0.02	0.23
206	100W Metal Halide	Office - Large	NWS	Lighting - Interior	175W Mercury Vapo	HID Lamp	16.0	$227	246	0.06	0.68
207	13 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	40W Incandescent	Lamp	3.0	$4	80	0.02	2.79
208	13 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$4	139	0.04	5.02

ICF ID	Efficient Technology	Sub Division	Weather Sens?	End Use	Base Efficiency Definition	Unit Name	Measure Life	Total Incremental Cost	Annual kWh Savings	Annual kW Coincident Peak Savings	TRC
209	13 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	40W Incandescent	Lamp	12.0	$45	80	0.02	0.92
210	13 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$45	139	0.04	1.60
211	14 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	136	0.03	4.52
212	14 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	136	0.03	1.55
213	15 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	133	0.03	4.09
214	15 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	133	0.03	1.50
215	16 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	130	0.03	3.72
216	16 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	130	0.03	1.45
217	18 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$6	124	0.03	3.12
218	18 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	168	0.04	4.50
219	18 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	124	0.03	1.35
220	18 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$47	168	0.04	1.84
221	19 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	165	0.04	4.17
222	19 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	165	0.04	1.79
223	20 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	162	0.04	3.87
224	20 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	162	0.04	1.74
225	23 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$6	227	0.06	5.80
226	23 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$50	227	0.06	2.36
227	25 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	221	0.06	5.15
228	25 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$8	147	0.04	2.76
229	25 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	221	0.06	2.25
230	25 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	147	0.04	1.50
231	26 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	218	0.06	4.87
232	26 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$9	144	0.04	2.60
233	26 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	218	0.06	2.20
234	26 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	144	0.04	1.46
235	28 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	212	0.05	4.37
236	28 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$52	212	0.05	2.10
237	30 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$9	206	0.05	3.68
238	30 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$53	265	0.07	2.58
239	36 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	150W Incandescent	Lamp	3.0	$7	336	0.09	7.44
240	40 Watt Integral CFL	Office - Large	NWS	Lighting - Interior	150W Incandescent	Lamp	3.0	$11	324	0.08	4.75
241	40 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$58	236	0.06	2.10
242	55 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$66	427	0.11	3.38
243	65 Watt Modular CFL	Office - Large	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$71	398	0.10	2.92
244	De-lamp from 8', 4 lamp/fixture	Office - Large	NWS	Lighting - Interior	Eight ft. 4 lamp fixture	8 ft. 4 lamp fixture	11.0	$26	179	0.06	3.49
245	De-lamp from 4', 4 lamp/fixture	Office - Large	NWS	Lighting - Interior	Four ft. 4 lamp fixture	4 ft. 4 lamp fixture	11.0	$26	95	0.03	1.87
246	T8 32W Dimming El Ballast	Office - Large	NWS	Lighting - Interior	T12 34W Mag ES Ballast	Fixture	11.0	$56	46	0.01	0.41
247	Premium T8 El Ballast	Office - Large	NWS	Lighting - Interior	T8 32W El Ballast	Fixture	11.0	$4	33	0.01	3.96
248	2 4' T8 32 watt lamps with EB	Office - Large	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	46	0.01	0.81
249	2 4' Super T8 28 watt lamps with EB	Office - Large	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	79	0.02	1.21
250	1 4' T8 32 watt lamps with EB and reflector	Office - Large	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	128	0.04	1.29
251	2 4' T8 32 watt lamps with EB with dimming system	Office - Large	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	94	0.03	0.53
252	2 4' T8 32 watt lamps with EB with occupancy sensors	Office - Large	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	84	0.03	1.00
253	2 4' Super T8 28 watt lamps with EB	Office - Large	NWS	Lighting - interior	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	33	0.01	3.96
254	2 8' T8 59 watt lamps with EB	Office - Large	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	46	0.01	0.36
255	2 8' Super T8 59 watt lamps with EB	Office - Large	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	82	0.03	0.55
256	1 8' T8 59 watt lamps with EB and reflector	Office - Large	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	181	0.06	1.03
257	2 8' T8 59 watt lamps with EB with dimming system	Office - Large	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	136	0.04	0.46
258	2 8' T8 59 watt lamps with EB with occupancy sensors	Office - Large	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	118	0.04	0.64
259	2 8' Super T8 59 watt lamps with EB	Office - Large	NWS	Lighting - interior	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	36	0.01	1.65
260	50W Metal Halide	Retail - Large	NWS	Lighting - Interior	150W Incandescent	HID Lamp	16.0	$214	473	0.09	1.35
261	75W Metal Halide	Retail - Large	NWS	Lighting - Interior	100W Mercury Vapor	HID Lamp	16.0	$221	118	0.02	0.33
262	100W Metal Halide	Retail - Large	NWS	Lighting - Interior	175W Mercury Vapo	HID Lamp	16.0	$227	355	0.07	0.96
263	13 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	40W Incandescent	Lamp	2.0	$4	117	0.02	2.75
264	13 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$4	204	0.04	4.95
265	13 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	40W Incandescent	Lamp	12.0	$45	117	0.02	1.32
266	13 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$45	204	0.04	2.30
267	14 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$5	200	0.04	4.45
268	14 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	200	0.04	2.23
269	15 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$5	196	0.04	4.03
270	15 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	196	0.04	2.16
271	16 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$5	191	0.04	3.66
272	16 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	191	0.04	2.09
273	18 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$6	183	0.04	3.07

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274	18 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$6	248	0.05	4.43
275	18 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	183	0.04	1.95
276	18 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$47	248	0.05	2.65
277	19 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$6	244	0.05	4.11
278	19 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	244	0.05	2.57
279	20 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$6	239	0.05	3.81
280	20 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	239	0.05	2.50
281	23 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$6	335	0.07	5.71
282	23 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$50	335	0.07	3.40
283	25 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$7	326	0.06	5.08
284	25 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$8	217	0.04	2.72
285	25 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	326	0.06	3.24
286	25 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	217	0.04	2.16
287	26 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$7	322	0.06	4.80
288	26 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$9	213	0.04	2.56
289	26 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	322	0.06	3.17
290	26 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	213	0.04	2.10
291	28 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$7	313	0.06	4.31
292	28 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$52	313	0.06	3.03
293	30 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$9	304	0.06	3.63
294	30 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$53	391	0.08	3.71
295	36 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	150W Incandescent	Lamp	2.0	$7	496	0.10	7.33
296	40 Watt Integral CFL	Retail - Large	NWS	Lighting - Interior	150W Incandescent	Lamp	2.0	$11	478	0.09	4.68
297	40 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$58	348	0.07	3.02
298	55 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$66	631	0.12	4.86
299	65 Watt Modular CFL	Retail - Large	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$71	587	0.11	4.21
300	De-lamp from 8', 4 lamp/fixture	Retail - Large	NWS	Lighting - Interior	Eight ft. 4 lamp fixture	Fixture	11.0	$26	258	0.06	4.82
301	De-lamp from 4', 4 lamp/fixture	Retail - Large	NWS	Lighting - Interior	Four ft. 4 lamp fixture	Fixture	11.0	$26	137	0.03	2.59
302	T8 32W Dimming El Ballast	Retail - Large	NWS	Lighting - Interior	T12 34W Mag ES Ballast	Fixture	11.0	$56	66	0.01	0.57
303	Premium T8 El Ballast	Retail - Large	NWS	Lighting - Interior	T8 32W El Ballast	Fixture	11.0	$4	47	0.01	5.47
304	2 4' T8 32 watt lamps with EB	Retail - Large	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	66	0.01	1.12
305	2 4' Super T8 28 watt lamps with EB	Retail - Large	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	113	0.03	1.68
306	1 4' T8 32 watt lamps with EB and reflector	Retail - Large	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	184	0.04	1.79
307	2 4' T8 32 watt lamps with EB with dimming system	Retail - Large	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	135	0.03	0.73
308	2 4' T8 32 watt lamps with EB with occupancy sensors	Retail - Large	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	121	0.03	1.38
309	2 4' Super T8 28 watt lamps with EB	Retail - Large	NWS	Lighting - interior	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	47	0.01	5.47
310	2 8' T8 59 watt lamps with EB	Retail - Large	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	66	0.01	0.49
311	2 8' Super T8 59 watt lamps with EB	Retail - Large	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	118	0.03	0.75
312	1 8' T8 59 watt lamps with EB and reflector	Retail - Large	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	260	0.06	1.42
313	2 8' T8 59 watt lamps with EB with dimming system	Retail - Large	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	195	0.04	0.63
314	2 8' T8 59 watt lamps with EB with occupancy sensors	Retail - Large	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	169	0.04	0.89
315	2 8' Super T8 59 watt lamps with EB	Retail - Large	NWS	Lighting - interior	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	52	0.01	2.28
316	50W Metal Halide	Retail - Small	NWS	Lighting - Interior	150W Incandescent	HID Lamp	16.0	$214	444	0.09	1.31
317	75W Metal Halide	Retail - Small	NWS	Lighting - Interior	100W Mercury Vapor	HID Lamp	16.0	$221	111	0.02	0.32
318	100W Metal Halide	Retail - Small	NWS	Lighting - Interior	175W Mercury Vapo	HID Lamp	16.0	$227	333	0.07	0.93
319	13 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	40W Incandescent	Lamp	2.0	$4	103	0.02	2.52
320	13 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$4	179	0.04	4.54
321	13 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	40W Incandescent	Lamp	12.0	$45	103	0.02	1.21
322	13 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$45	179	0.04	2.10
323	14 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$5	175	0.04	4.08
324	14 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	175	0.04	2.03
325	15 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$5	171	0.04	3.69
326	15 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	171	0.04	1.97
327	16 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$5	167	0.04	3.36
328	16 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	167	0.04	1.90
329	18 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$6	160	0.04	2.82
330	18 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$6	217	0.05	4.07
331	18 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	160	0.04	1.78
332	18 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$47	217	0.05	2.42
333	19 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$6	213	0.05	3.77
334	19 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	213	0.05	2.35
335	20 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$6	209	0.05	3.50
336	20 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	209	0.05	2.28
337	23 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$6	293	0.07	5.24
338	23 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$50	293	0.07	3.10

ICF ID	Efficient Technology	Sub Division	Weather Sens?	End Use	Base Efficiency Definition	Unit Name	Measure Life	Total Incremental Cost	Annual kWh Savings	Annual kW Coincident Peak Savings	TRC
339	25 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$7	285	0.06	4.66
340	25 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$8	190	0.04	2.50
341	25 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	285	0.06	2.96
342	25 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	190	0.04	1.97
343	26 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$7	281	0.06	4.40
344	26 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$9	186	0.04	2.35
345	26 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	281	0.06	2.89
346	26 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	186	0.04	1.92
347	28 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$7	274	0.06	3.95
348	28 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$52	274	0.06	2.76
349	30 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$9	266	0.06	3.33
350	30 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$53	342	0.08	3.39
351	36 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	150W Incandescent	Lamp	2.0	$7	434	0.10	6.73
352	40 Watt Integral CFL	Retail - Small	NWS	Lighting - Interior	150W Incandescent	Lamp	2.0	$11	418	0.09	4.29
353	40 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$58	304	0.07	2.76
354	55 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$66	551	0.12	4.44
355	65 Watt Modular CFL	Retail - Small	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$71	513	0.11	3.84
356	De-lamp from 8', 4 lamp/fixture	Retail - Small	NWS	Lighting - Interior	Eight ft. 4 lamp fixture	Fixture	11.0	$26	242	0.06	4.69
357	De-lamp from 4', 4 lamp/fixture	Retail - Small	NWS	Lighting - Interior	Four ft. 4 lamp fixture	Fixture	11.0	$26	129	0.03	2.51
358	T8 32W Dimming El Ballast	Retail - Small	NWS	Lighting - Interior	T12 34W Mag ES Ballast	Fixture	11.0	$56	62	0.01	0.55
359	Premium T8 El Ballast	Retail - Small	NWS	Lighting - Interior	T8 32W El Ballast	Fixture	11.0	$4	44	0.01	5.31
360	2 4' T8 32 watt lamps with EB	Retail - Small	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	62	0.01	1.09
361	2 4' Super T8 28 watt lamps with EB	Retail - Small	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	107	0.03	1.63
362	1 4' T8 32 watt lamps with EB and reflector	Retail - Small	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	173	0.04	1.74
363	2 4' T8 32 watt lamps with EB with dimming system	Retail - Small	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	127	0.03	0.71
364	2 4' T8 32 watt lamps with EB with occupancy sensors	Retail - Small	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	114	0.03	1.34
365	2 4' Super T8 28 watt lamps with EB	Retail - Small	NWS	Lighting - interior	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	44	0.01	5.31
366	2 8' T8 59 watt lamps with EB	Retail - Small	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	62	0.01	0.48
367	2 8' Super T8 59 watt lamps with EB	Retail - Small	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	111	0.03	0.73
368	1 8' T8 59 watt lamps with EB and reflector	Retail - Small	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	244	0.06	1.38
369	2 8' T8 59 watt lamps with EB with dimming system	Retail - Small	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	183	0.04	0.61
370	2 8' T8 59 watt lamps with EB with occupancy sensors	Retail - Small	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	159	0.04	0.86
371	2 8' Super T8 59 watt lamps with EB	Retail - Small	NWS	Lighting - interior	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	49	0.01	2.21
372	50W Metal Halide	Education	NWS	Lighting - Interior	150W Incandescent	HID Lamp	16.0	$214	353	0.05	0.93
373	75W Metal Halide	Education	NWS	Lighting - Interior	100W Mercury Vapor	HID Lamp	16.0	$221	88	0.01	0.23
374	100W Metal Halide	Education	NWS	Lighting - Interior	175W Mercury Vapo	HID Lamp	16.0	$227	265	0.03	0.66
375	13 Watt Integral CFL	Education	NWS	Lighting - Interior	40W Incandescent	Lamp	3.0	$4	88	0.01	2.79
376	13 Watt Integral CFL	Education	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$4	153	0.02	5.02
377	13 Watt Modular CFL	Education	NWS	Lighting - Interior	40W Incandescent	Lamp	12.0	$45	88	0.01	0.91
378	13 Watt Modular CFL	Education	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$45	153	0.02	1.58
379	14 Watt Integral CFL	Education	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	150	0.02	4.52
380	14 Watt Modular CFL	Education	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	150	0.02	1.53
381	15 Watt Integral CFL	Education	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	146	0.02	4.09
382	15 Watt Modular CFL	Education	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	146	0.02	1.48
383	16 Watt Integral CFL	Education	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	143	0.02	3.72
384	16 Watt Modular CFL	Education	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	143	0.02	1.43
385	18 Watt Integral CFL	Education	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$6	137	0.02	3.12
386	18 Watt Integral CFL	Education	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	185	0.02	4.50
387	18 Watt Modular CFL	Education	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	137	0.02	1.34
388	18 Watt Modular CFL	Education	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$47	185	0.02	1.81
389	19 Watt Integral CFL	Education	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	182	0.02	4.17
390	19 Watt Modular CFL	Education	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	182	0.02	1.76
391	20 Watt Integral CFL	Education	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	179	0.02	3.87
392	20 Watt Modular CFL	Education	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	179	0.02	1.71
393	23 Watt Integral CFL	Education	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$6	250	0.03	5.80
394	23 Watt Modular CFL	Education	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$50	250	0.03	2.33
395	25 Watt Integral CFL	Education	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	244	0.03	5.15
396	25 Watt Integral CFL	Education	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$8	163	0.02	2.76
397	25 Watt Modular CFL	Education	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	244	0.03	2.22
398	25 Watt Modular CFL	Education	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	163	0.02	1.48
399	26 Watt Integral CFL	Education	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	241	0.03	4.87
400	26 Watt Integral CFL	Education	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$9	159	0.02	2.60
401	26 Watt Modular CFL	Education	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	241	0.03	2.17
402	26 Watt Modular CFL	Education	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	159	0.02	1.44
403	28 Watt Integral CFL	Education	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	234	0.03	4.37

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404	28 Watt Modular CFL	Education	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$52	234	0.03	2.07
405	30 Watt Integral CFL	Education	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$9	228	0.03	3.68
406	30 Watt Modular CFL	Education	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$53	293	0.04	2.55
407	36 Watt Integral CFL	Education	NWS	Lighting - Interior	150W Incandescent	Lamp	3.0	$7	371	0.05	7.44
408	40 Watt Integral CFL	Education	NWS	Lighting - Interior	150W Incandescent	Lamp	3.0	$11	358	0.05	4.75
409	40 Watt Modular CFL	Education	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$58	260	0.03	2.07
410	55 Watt Modular CFL	Education	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$66	471	0.06	3.33
411	65 Watt Modular CFL	Education	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$71	439	0.06	2.89
412	De-lamp from 8', 4 lamp/fixture	Education	NWS	Lighting - Interior	Eight ft. 4 lamp fixture	Fixture	11.0	$26	166	0.04	3.00
413	De-lamp from 4', 4 lamp/fixture	Education	NWS	Lighting - Interior	Four ft. 4 lamp fixture	Fixture	11.0	$26	88	0.02	1.61
414	T8 32W Dimming El Ballast	Education	NWS	Lighting - Interior	T12 34W Mag ES Ballast	Fixture	11.0	$56	43	0.01	0.35
415	Premium T8 El Ballast	Education	NWS	Lighting - Interior	T8 32W El Ballast	Fixture	11.0	$4	31	0.01	3.40
416	2 4' T8 32 watt lamps with EB	Education	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	43	0.01	0.70
417	2 4' Super T8 28 watt lamps with EB	Education	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	73	0.02	1.04
418	1 4' T8 32 watt lamps with EB and reflector	Education	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	119	0.03	1.11
419	2 4' T8 32 watt lamps with EB with dimming system	Education	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	87	0.02	0.45
420	2 4' T8 32 watt lamps with EB with occupancy sensors	Education	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	78	0.02	0.86
421	2 4' Super T8 28 watt lamps with EB	Education	NWS	Lighting - interior	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	31	0.01	3.40
422	2 8' T8 59 watt lamps with EB	Education	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	43	0.01	0.31
423	2 8' Super T8 59 watt lamps with EB	Education	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	76	0.02	0.47
424	1 8' T8 59 watt lamps with EB and reflector	Education	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	168	0.04	0.88
425	2 8' T8 59 watt lamps with EB with dimming system	Education	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	126	0.03	0.39
426	2 8' T8 59 watt lamps with EB with occupancy sensors	Education	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	109	0.02	0.55
427	2 8' Super T8 59 watt lamps with EB	Education	NWS	Lighting - interior	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	34	0.01	1.42
428	50W Metal Halide	Assembly	NWS	Lighting - Interior	150W Incandescent	HID Lamp	16.0	$214	353	0.05	0.96
429	75W Metal Halide	Assembly	NWS	Lighting - Interior	100W Mercury Vapor	HID Lamp	16.0	$221	88	0.01	0.23
430	100W Metal Halide	Assembly	NWS	Lighting - Interior	175W Mercury Vapo	HID Lamp	16.0	$227	265	0.03	0.68
431	13 Watt Integral CFL	Assembly	NWS	Lighting - Interior	40W Incandescent	Lamp	3.0	$4	88	0.01	2.91
432	13 Watt Integral CFL	Assembly	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$4	153	0.02	5.23
433	13 Watt Modular CFL	Assembly	NWS	Lighting - Interior	40W Incandescent	Lamp	12.0	$45	88	0.01	0.94
434	13 Watt Modular CFL	Assembly	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$45	153	0.02	1.63
435	14 Watt Integral CFL	Assembly	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	150	0.02	4.70
436	14 Watt Modular CFL	Assembly	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	150	0.02	1.58
437	15 Watt Integral CFL	Assembly	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	146	0.02	4.26
438	15 Watt Modular CFL	Assembly	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	146	0.02	1.53
439	16 Watt Integral CFL	Assembly	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	143	0.02	3.87
440	16 Watt Modular CFL	Assembly	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	143	0.02	1.48
441	18 Watt Integral CFL	Assembly	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$6	137	0.02	3.24
442	18 Watt Integral CFL	Assembly	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	185	0.02	4.69
443	18 Watt Modular CFL	Assembly	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	137	0.02	1.38
444	18 Watt Modular CFL	Assembly	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$47	185	0.02	1.88
445	19 Watt Integral CFL	Assembly	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	182	0.02	4.34
446	19 Watt Modular CFL	Assembly	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	182	0.02	1.82
447	20 Watt Integral CFL	Assembly	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	179	0.02	4.03
448	20 Watt Modular CFL	Assembly	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	179	0.02	1.77
449	23 Watt Integral CFL	Assembly	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$6	250	0.03	6.04
450	23 Watt Modular CFL	Assembly	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$50	250	0.03	2.41
451	25 Watt Integral CFL	Assembly	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	244	0.03	5.37
452	25 Watt Integral CFL	Assembly	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$8	163	0.02	2.88
453	25 Watt Modular CFL	Assembly	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	244	0.03	2.30
454	25 Watt Modular CFL	Assembly	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	163	0.02	1.53
455	26 Watt Integral CFL	Assembly	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	241	0.03	5.07
456	26 Watt Integral CFL	Assembly	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$9	159	0.02	2.70
457	26 Watt Modular CFL	Assembly	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	241	0.03	2.25
458	26 Watt Modular CFL	Assembly	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	159	0.02	1.49
459	28 Watt Integral CFL	Assembly	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	234	0.03	4.55
460	28 Watt Modular CFL	Assembly	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$52	234	0.03	2.15
461	30 Watt Integral CFL	Assembly	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$9	228	0.03	3.84
462	30 Watt Modular CFL	Assembly	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$53	293	0.04	2.63
463	36 Watt Integral CFL	Assembly	NWS	Lighting - Interior	150W Incandescent	Lamp	3.0	$7	371	0.05	7.75
464	40 Watt Integral CFL	Assembly	NWS	Lighting - Interior	150W Incandescent	Lamp	3.0	$11	358	0.05	4.94
465	40 Watt Modular CFL	Assembly	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$58	260	0.03	2.14
466	55 Watt Modular CFL	Assembly	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$66	471	0.06	3.45
467	65 Watt Modular CFL	Assembly	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$71	439	0.06	2.98
468	De-lamp from 8', 4 lamp/fixture	Assembly	NWS	Lighting - Interior	Eight ft. 4 lamp fixture	Fixture	11.0	$26	166	0.04	3.10

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469	De-lamp from 4', 4 lamp/fixture	Assembly	NWS	Lighting - Interior	Four ft. 4 lamp fixture	Fixture	11.0	$26	88	0.02	1.66
470	T8 32W Dimming El Ballast	Assembly	NWS	Lighting - Interior	T12 34W Mag ES Ballast	Fixture	11.0	$56	43	0.01	0.37
471	Premium T8 El Ballast	Assembly	NWS	Lighting - Interior	T8 32W El Ballast	Fixture	11.0	$4	31	0.01	3.51
472	2 4' T8 32 watt lamps with EB	Assembly	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	43	0.01	0.72
473	2 4' Super T8 28 watt lamps with EB	Assembly	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	73	0.02	1.08
474	1 4' T8 32 watt lamps with EB and reflector	Assembly	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	119	0.03	1.15
475	2 4' T8 32 watt lamps with EB with dimming system	Assembly	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	87	0.02	0.47
476	2 4' T8 32 watt lamps with EB with occupancy sensors	Assembly	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	78	0.02	0.89
477	2 4' Super T8 28 watt lamps with EB	Assembly	NWS	Lighting - interior	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	31	0.01	3.51
478	2 8' T8 59 watt lamps with EB	Assembly	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	43	0.01	0.32
479	2 8' Super T8 59 watt lamps with EB	Assembly	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	76	0.02	0.48
480	1 8' T8 59 watt lamps with EB and reflector	Assembly	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	168	0.04	0.91
481	2 8' T8 59 watt lamps with EB with dimming system	Assembly	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	126	0.03	0.40
482	2 8' T8 59 watt lamps with EB with occupancy sensors	Assembly	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	109	0.02	0.57
483	2 8' Super T8 59 watt lamps with EB	Assembly	NWS	Lighting - interior	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	34	0.01	1.46
484	50W Metal Halide	Warehouse and Storage	NWS	Lighting - Interior	150W Incandescent	HID Lamp	16.0	$214	303	0.08	0.92
485	75W Metal Halide	Warehouse and Storage	NWS	Lighting - Interior	100W Mercury Vapor	HID Lamp	16.0	$221	76	0.02	0.22
486	100W Metal Halide	Warehouse and Storage	NWS	Lighting - Interior	175W Mercury Vapo	HID Lamp	16.0	$227	227	0.06	0.65
487	13 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	40W Incandescent	Lamp	3.0	$4	75	0.02	2.76
488	13 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$4	131	0.03	4.96
489	13 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	40W Incandescent	Lamp	12.0	$45	75	0.02	0.90
490	13 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$45	131	0.03	1.56
491	14 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	128	0.03	4.46
492	14 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	128	0.03	1.51
493	15 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	126	0.03	4.04
494	15 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	126	0.03	1.46
495	16 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	123	0.03	3.68
496	16 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	123	0.03	1.42
497	18 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$6	117	0.03	3.08
498	18 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	159	0.04	4.45
499	18 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	117	0.03	1.32
500	18 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$47	159	0.04	1.80
501	19 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	156	0.04	4.12
502	19 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	156	0.04	1.75
503	20 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	153	0.04	3.82
504	20 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	153	0.04	1.70
505	23 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$6	215	0.05	5.73
506	23 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$50	215	0.05	2.31
507	25 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	209	0.05	5.09
508	25 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$8	139	0.04	2.73
509	25 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	209	0.05	2.20
510	25 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	139	0.04	1.47
511	26 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	206	0.05	4.82
512	26 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$9	137	0.03	2.57
513	26 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	206	0.05	2.15
514	26 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	137	0.03	1.42
515	28 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	201	0.05	4.32
516	28 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$52	201	0.05	2.05
517	30 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$9	195	0.05	3.64
518	30 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$53	251	0.06	2.52
519	36 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	150W Incandescent	Lamp	3.0	$7	318	0.08	7.36
520	40 Watt Integral CFL	Warehouse and Storage	NWS	Lighting - Interior	150W Incandescent	Lamp	3.0	$11	307	0.08	4.69
521	40 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$58	223	0.06	2.05
522	55 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$66	404	0.10	3.30
523	65 Watt Modular CFL	Warehouse and Storage	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$71	377	0.10	2.86
524	De-lamp from 8', 4 lamp/fixture	Warehouse and Storage	NWS	Lighting - Interior	Eight ft. 4 lamp fixture	Fixture	11.0	$26	165	0.05	3.32
525	De-lamp from 4', 4 lamp/fixture	Warehouse and Storage	NWS	Lighting - Interior	Four ft. 4 lamp fixture	Fixture	11.0	$26	88	0.03	1.78
526	T8 32W Dimming El Ballast	Warehouse and Storage	NWS	Lighting - Interior	T12 34W Mag ES Ballast	Fixture	11.0	$56	42	0.01	0.39
527	Premium T8 El Ballast	Warehouse and Storage	NWS	Lighting - Interior	T8 32W El Ballast	Fixture	11.0	$4	30	0.01	3.76
528	2 4' T8 32 watt lamps with EB	Warehouse and Storage	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	42	0.01	0.77
529	2 4' Super T8 28 watt lamps with EB	Warehouse and Storage	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	73	0.02	1.15
530	1 4' T8 32 watt lamps with EB and reflector	Warehouse and Storage	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	118	0.04	1.23
531	2 4' T8 32 watt lamps with EB with dimming system	Warehouse and Storage	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	86	0.03	0.50
532	2 4' T8 32 watt lamps with EB with occupancy sensors	Warehouse and Storage	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	78	0.02	0.95
533	2 4' Super T8 28 watt lamps with EB	Warehouse and Storage	NWS	Lighting - interior	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	30	0.01	3.76
534	2 8' T8 59 watt lamps with EB	Warehouse and Storage	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	42	0.01	0.34

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535	2 8' Super T8 59 watt lamps with EB	Warehouse and Storage	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	76	0.02	0.52
536	1 8' T8 59 watt lamps with EB and reflector	Warehouse and Storage	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	167	0.05	0.97
537	2 8' T8 59 watt lamps with EB with dimming system	Warehouse and Storage	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	125	0.04	0.43
538	2 8' T8 59 watt lamps with EB with occupancy sensors	Warehouse and Storage	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	109	0.03	0.61
539	2 8' Super T8 59 watt lamps with EB	Warehouse and Storage	NWS	Lighting - interior	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	33	0.01	1.57
540	50W Metal Halide	Food Service	NWS	Lighting - Interior	150W Incandescent	HID Lamp	16.0	$214	502	0.06	1.36
541	75W Metal Halide	Food Service	NWS	Lighting - Interior	100W Mercury Vapor	HID Lamp	16.0	$221	126	0.01	0.33
542	100W Metal Halide	Food Service	NWS	Lighting - Interior	175W Mercury Vapo	HID Lamp	16.0	$227	377	0.04	0.96
543	13 Watt Integral CFL	Food Service	NWS	Lighting - Interior	40W Incandescent	Lamp	2.0	$4	98	0.01	2.26
544	13 Watt Integral CFL	Food Service	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$4	171	0.03	4.07
545	13 Watt Modular CFL	Food Service	NWS	Lighting - Interior	40W Incandescent	Lamp	12.0	$45	98	0.01	1.08
546	13 Watt Modular CFL	Food Service	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$45	171	0.03	1.87
547	14 Watt Integral CFL	Food Service	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$5	168	0.02	3.66
548	14 Watt Modular CFL	Food Service	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	168	0.02	1.81
549	15 Watt Integral CFL	Food Service	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$5	164	0.02	3.31
550	15 Watt Modular CFL	Food Service	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	164	0.02	1.75
551	16 Watt Integral CFL	Food Service	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$5	160	0.02	3.01
552	16 Watt Modular CFL	Food Service	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	160	0.02	1.70
553	18 Watt Integral CFL	Food Service	NWS	Lighting - Interior	60W Incandescent	Lamp	2.0	$6	153	0.02	2.53
554	18 Watt Integral CFL	Food Service	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$6	208	0.03	3.65
555	18 Watt Modular CFL	Food Service	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	153	0.02	1.59
556	18 Watt Modular CFL	Food Service	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$47	208	0.03	2.15
557	19 Watt Integral CFL	Food Service	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$6	204	0.03	3.38
558	19 Watt Modular CFL	Food Service	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	204	0.03	2.09
559	20 Watt Integral CFL	Food Service	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$6	200	0.03	3.14
560	20 Watt Modular CFL	Food Service	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	200	0.03	2.03
561	23 Watt Integral CFL	Food Service	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$6	281	0.04	4.70
562	23 Watt Modular CFL	Food Service	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$50	281	0.04	2.76
563	25 Watt Integral CFL	Food Service	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$7	273	0.04	4.18
564	25 Watt Integral CFL	Food Service	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$8	182	0.03	2.24
565	25 Watt Modular CFL	Food Service	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	273	0.04	2.64
566	25 Watt Modular CFL	Food Service	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	182	0.03	1.76
567	26 Watt Integral CFL	Food Service	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$7	270	0.04	3.95
568	26 Watt Integral CFL	Food Service	NWS	Lighting - Interior	75W Incandescent	Lamp	2.0	$9	179	0.03	2.10
569	26 Watt Modular CFL	Food Service	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	270	0.04	2.58
570	26 Watt Modular CFL	Food Service	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	179	0.03	1.71
571	28 Watt Integral CFL	Food Service	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$7	262	0.04	3.55
572	28 Watt Modular CFL	Food Service	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$52	262	0.04	2.46
573	30 Watt Integral CFL	Food Service	NWS	Lighting - Interior	100W Incandescent	Lamp	2.0	$9	255	0.04	2.99
574	30 Watt Modular CFL	Food Service	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$53	328	0.05	3.02
575	36 Watt Integral CFL	Food Service	NWS	Lighting - Interior	150W Incandescent	Lamp	2.0	$7	415	0.06	6.03
576	40 Watt Integral CFL	Food Service	NWS	Lighting - Interior	150W Incandescent	Lamp	2.0	$11	401	0.06	3.85
577	40 Watt Modular CFL	Food Service	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$58	292	0.04	2.46
578	55 Watt Modular CFL	Food Service	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$66	528	0.08	3.95
579	65 Watt Modular CFL	Food Service	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$71	492	0.07	3.43
580	De-lamp from 8', 4 lamp/fixture	Food Service	NWS	Lighting - Interior	Eight ft. 4 lamp fixture	Fixture	11.0	$26	331	0.05	5.88
581	De-lamp from 4', 4 lamp/fixture	Food Service	NWS	Lighting - Interior	Four ft. 4 lamp fixture	Fixture	11.0	$26	176	0.02	3.15
582	T8 32W Dimming El Ballast	Food Service	NWS	Lighting - Interior	T12 34W Mag ES Ballast	Fixture	11.0	$56	85	0.01	0.69
583	Premium T8 El Ballast	Food Service	NWS	Lighting - Interior	T8 32W El Ballast	Fixture	11.0	$4	61	0.01	6.66
584	2 4' T8 32 watt lamps with EB	Food Service	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	85	0.01	1.37
585	2 4' Super T8 28 watt lamps with EB	Food Service	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	146	0.02	2.04
586	1 4' T8 32 watt lamps with EB and reflector	Food Service	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	237	0.03	2.18
587	2 4' T8 32 watt lamps with EB with dimming system	Food Service	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	173	0.02	0.89
588	2 4' T8 32 watt lamps with EB with occupancy sensors	Food Service	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	155	0.02	1.68
589	2 4' Super T8 28 watt lamps with EB	Food Service	NWS	Lighting - interior	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	61	0.01	6.66
590	2 8' T8 59 watt lamps with EB	Food Service	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	85	0.01	0.60
591	2 8' Super T8 59 watt lamps with EB	Food Service	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	152	0.02	0.92
592	1 8' T8 59 watt lamps with EB and reflector	Food Service	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	334	0.05	1.73
593	2 8' T8 59 watt lamps with EB with dimming system	Food Service	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	250	0.04	0.77
594	2 8' T8 59 watt lamps with EB with occupancy sensors	Food Service	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	217	0.03	1.08
595	2 8' Super T8 59 watt lamps with EB	Food Service	NWS	Lighting - interior	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	67	0.01	2.78
596	50W Metal Halide	Health Care	NWS	Lighting - Interior	150W Incandescent	HID Lamp	16.0	$214	1,031	0.07	2.52
597	75W Metal Halide	Health Care	NWS	Lighting - Interior	100W Mercury Vapor	HID Lamp	16.0	$221	258	0.02	0.61
598	100W Metal Halide	Health Care	NWS	Lighting - Interior	175W Mercury Vapo	HID Lamp	16.0	$227	773	0.05	1.78
599	13 Watt Integral CFL	Health Care	NWS	Lighting - Interior	40W Incandescent	Lamp	1.0	$4	256	0.02	2.66

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600	13 Watt Integral CFL	Health Care	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$4	446	0.03	4.79
601	13 Watt Modular CFL	Health Care	NWS	Lighting - Interior	40W Incandescent	Lamp	12.0	$45	256	0.02	2.45
602	13 Watt Modular CFL	Health Care	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$45	446	0.03	4.27
603	14 Watt Integral CFL	Health Care	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$5	436	0.03	4.31
604	14 Watt Modular CFL	Health Care	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	436	0.03	4.13
605	15 Watt Integral CFL	Health Care	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$5	427	0.03	3.90
606	15 Watt Modular CFL	Health Care	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	427	0.03	4.00
607	16 Watt Integral CFL	Health Care	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$5	417	0.03	3.55
608	16 Watt Modular CFL	Health Care	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	417	0.03	3.87
609	18 Watt Integral CFL	Health Care	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$6	398	0.03	2.97
610	18 Watt Integral CFL	Health Care	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$6	541	0.04	4.30
611	18 Watt Modular CFL	Health Care	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	398	0.03	3.61
612	18 Watt Modular CFL	Health Care	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$47	541	0.04	4.90
613	19 Watt Integral CFL	Health Care	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$6	531	0.04	3.98
614	19 Watt Modular CFL	Health Care	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	531	0.04	4.77
615	20 Watt Integral CFL	Health Care	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$6	522	0.03	3.69
616	20 Watt Modular CFL	Health Care	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	522	0.03	4.64
617	23 Watt Integral CFL	Health Care	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$6	730	0.05	5.53
618	23 Watt Modular CFL	Health Care	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$50	730	0.05	6.30
619	25 Watt Integral CFL	Health Care	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$7	711	0.05	4.92
620	25 Watt Integral CFL	Health Care	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$8	474	0.03	2.64
621	25 Watt Modular CFL	Health Care	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	711	0.05	6.02
622	25 Watt Modular CFL	Health Care	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	474	0.03	4.01
623	26 Watt Integral CFL	Health Care	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$7	702	0.05	4.65
624	26 Watt Integral CFL	Health Care	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$9	465	0.03	2.48
625	26 Watt Modular CFL	Health Care	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	702	0.05	5.88
626	26 Watt Modular CFL	Health Care	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	465	0.03	3.89
627	28 Watt Integral CFL	Health Care	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$7	683	0.05	4.17
628	28 Watt Modular CFL	Health Care	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$52	683	0.05	5.61
629	30 Watt Integral CFL	Health Care	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$9	664	0.04	3.51
630	30 Watt Modular CFL	Health Care	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$53	854	0.06	6.89
631	36 Watt Integral CFL	Health Care	NWS	Lighting - Interior	150W Incandescent	Lamp	1.0	$7	1,081	0.07	7.10
632	40 Watt Integral CFL	Health Care	NWS	Lighting - Interior	150W Incandescent	Lamp	1.0	$11	1,043	0.07	4.53
633	40 Watt Modular CFL	Health Care	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$58	759	0.05	5.60
634	55 Watt Modular CFL	Health Care	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$66	1,375	0.09	9.01
635	65 Watt Modular CFL	Health Care	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$71	1,280	0.09	7.81
636	De-lamp from 8', 4 lamp/fixture	Health Care	NWS	Lighting - Interior	Eight ft. 4 lamp fixture	Fixture	11.0	$26	562	0.05	8.94
637	De-lamp from 4', 4 lamp/fixture	Health Care	NWS	Lighting - Interior	Four ft. 4 lamp fixture	Fixture	11.0	$26	299	0.03	4.79
638	T8 32W Dimming El Ballast	Health Care	NWS	Lighting - Interior	T12 34W Mag ES Ballast	Fixture	11.0	$56	144	0.01	1.06
639	Premium T8 El Ballast	Health Care	NWS	Lighting - Interior	T8 32W El Ballast	Fixture	11.0	$4	103	0.01	10.13
640	2 4' T8 32 watt lamps with EB	Health Care	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	144	0.01	2.08
641	2 4' Super T8 28 watt lamps with EB	Health Care	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	247	0.02	3.11
642	1 4' T8 32 watt lamps with EB and reflector	Health Care	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	402	0.04	3.31
643	2 4' T8 32 watt lamps with EB with dimming system	Health Care	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	294	0.03	1.35
644	2 4' T8 32 watt lamps with EB with occupancy sensors	Health Care	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	264	0.02	2.56
645	2 4' Super T8 28 watt lamps with EB	Health Care	NWS	Lighting - interior	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	103	0.01	10.13
646	2 8' T8 59 watt lamps with EB	Health Care	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	144	0.01	0.92
647	2 8' Super T8 59 watt lamps with EB	Health Care	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	258	0.02	1.40
648	1 8' T8 59 watt lamps with EB and reflector	Health Care	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	567	0.05	2.63
649	2 8' T8 59 watt lamps with EB with dimming system	Health Care	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	425	0.04	1.17
650	2 8' T8 59 watt lamps with EB with occupancy sensors	Health Care	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	369	0.03	1.64
651	2 8' Super T8 59 watt lamps with EB	Health Care	NWS	Lighting - interior	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	113	0.01	4.22
652	50W Metal Halide	Office - Small	NWS	Lighting - Interior	150W Incandescent	HID Lamp	16.0	$214	329	0.08	1.01
653	75W Metal Halide	Office - Small	NWS	Lighting - Interior	100W Mercury Vapor	HID Lamp	16.0	$221	82	0.02	0.24
654	100W Metal Halide	Office - Small	NWS	Lighting - Interior	175W Mercury Vapo	HID Lamp	16.0	$227	246	0.06	0.71
655	13 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	40W Incandescent	Lamp	3.0	$4	72	0.02	2.75
656	13 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$4	126	0.04	4.95
657	13 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	40W Incandescent	Lamp	12.0	$45	72	0.02	0.89
658	13 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$45	126	0.04	1.55
659	14 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	123	0.03	4.45
660	14 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	123	0.03	1.50
661	15 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	121	0.03	4.03
662	15 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	121	0.03	1.46
663	16 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$5	118	0.03	3.67
664	16 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	118	0.03	1.41

ICF ID	Efficient Technology	Sub Division	Weather Sens?	End Use	Base Efficiency Definition	Unit Name	Measure Life	Total Incremental Cost	Annual kWh Savings	Annual kW Coincident Peak Savings	TRC
665	18 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	3.0	$6	113	0.03	3.07
666	18 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	153	0.04	4.44
667	18 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	113	0.03	1.32
668	18 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$47	153	0.04	1.79
669	19 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	150	0.04	4.11
670	19 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	150	0.04	1.74
671	20 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$6	148	0.04	3.81
672	20 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	148	0.04	1.69
673	23 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$6	207	0.06	5.71
674	23 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$50	207	0.06	2.29
675	25 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	201	0.06	5.08
676	25 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$8	134	0.04	2.72
677	25 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	201	0.06	2.19
678	25 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	134	0.04	1.46
679	26 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	198	0.06	4.80
680	26 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	3.0	$9	131	0.04	2.56
681	26 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	198	0.06	2.14
682	26 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	131	0.04	1.42
683	28 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$7	193	0.05	4.31
684	28 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$52	193	0.05	2.04
685	30 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	100W Incandescent	Lamp	3.0	$9	188	0.05	3.63
686	30 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$53	241	0.07	2.51
687	36 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	150W Incandescent	Lamp	3.0	$7	306	0.09	7.34
688	40 Watt Integral CFL	Office - Small	NWS	Lighting - Interior	150W Incandescent	Lamp	3.0	$11	295	0.08	4.68
689	40 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$58	215	0.06	2.04
690	55 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$66	389	0.11	3.28
691	65 Watt Modular CFL	Office - Small	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$71	362	0.10	2.84
692	De-lamp from 8', 4 lamp/fixture	Office - Small	NWS	Lighting - Interior	Eight ft. 4 lamp fixture	Fixture	11.0	$26	179	0.06	3.67
693	De-lamp from 4', 4 lamp/fixture	Office - Small	NWS	Lighting - Interior	Four ft. 4 lamp fixture	Fixture	11.0	$26	95	0.03	1.97
694	T8 32W Dimming El Ballast	Office - Small	NWS	Lighting - Interior	T12 34W Mag ES Ballast	Fixture	11.0	$56	46	0.01	0.43
695	Premium T8 El Ballast	Office - Small	NWS	Lighting - Interior	T8 32W El Ballast	Fixture	11.0	$4	33	0.01	4.15
696	2 4' T8 32 watt lamps with EB	Office - Small	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	46	0.01	0.85
697	2 4' Super T8 28 watt lamps with EB	Office - Small	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	79	0.02	1.27
698	1 4' T8 32 watt lamps with EB and reflector	Office - Small	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	128	0.04	1.36
699	2 4' T8 32 watt lamps with EB with dimming system	Office - Small	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	94	0.03	0.55
700	2 4' T8 32 watt lamps with EB with occupancy sensors	Office - Small	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	84	0.03	1.05
701	2 4' Super T8 28 watt lamps with EB	Office - Small	NWS	Lighting - interior	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	33	0.01	4.15
702	2 8' T8 59 watt lamps with EB	Office - Small	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	46	0.01	0.38
703	2 8' Super T8 59 watt lamps with EB	Office - Small	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	82	0.03	0.57
704	1 8' T8 59 watt lamps with EB and reflector	Office - Small	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	181	0.06	1.08
705	2 8' T8 59 watt lamps with EB with dimming system	Office - Small	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	136	0.04	0.48
706	2 8' T8 59 watt lamps with EB with occupancy sensors	Office - Small	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	118	0.04	0.67
707	2 8' Super T8 59 watt lamps with EB	Office - Small	NWS	Lighting - interior	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	36	0.01	1.73
708	50W Metal Halide	Food Sales	NWS	Lighting - Interior	150W Incandescent	HID Lamp	16.0	$214	658	0.08	1.73
709	75W Metal Halide	Food Sales	NWS	Lighting - Interior	100W Mercury Vapor	HID Lamp	16.0	$221	165	0.02	0.42
710	100W Metal Halide	Food Sales	NWS	Lighting - Interior	175W Mercury Vapo	HID Lamp	16.0	$227	494	0.06	1.22
711	13 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	40W Incandescent	Lamp	1.0	$4	163	0.02	1.82
712	13 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$4	285	0.04	3.28
713	13 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	40W Incandescent	Lamp	12.0	$45	163	0.02	1.68
714	13 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$45	285	0.04	2.93
715	14 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$5	279	0.03	2.95
716	14 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	279	0.03	2.84
717	15 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$5	272	0.03	2.67
718	15 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	272	0.03	2.75
719	16 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$5	266	0.03	2.43
720	16 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	266	0.03	2.66
721	18 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$6	254	0.03	2.04
722	18 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$6	345	0.04	2.94
723	18 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	254	0.03	2.48
724	18 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$47	345	0.04	3.37
725	19 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$6	339	0.04	2.72
726	19 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	339	0.04	3.28
727	20 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$6	333	0.04	2.53
728	20 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	333	0.04	3.19
729	23 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$6	466	0.06	3.79

ICF ID	Efficient Technology	Sub Division	Weather Sens?	End Use	Base Efficiency Definition	Unit Name	Measure Life	Total Incremental Cost	Annual kWh Savings	Annual kW Coincident Peak Savings	TRC
730	23 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$50	466	0.06	4.33
731	25 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$7	454	0.06	3.37
732	25 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$8	303	0.04	1.80
733	25 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	454	0.06	4.14
734	25 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	303	0.04	2.76
735	26 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$7	448	0.06	3.18
736	26 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$9	297	0.04	1.70
737	26 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	448	0.06	4.04
738	26 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	297	0.04	2.68
739	28 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$7	436	0.05	2.86
740	28 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$52	436	0.05	3.86
741	30 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$9	424	0.05	2.41
742	30 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$53	545	0.07	4.73
743	36 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	150W Incandescent	Lamp	1.0	$7	690	0.09	4.86
744	40 Watt Integral CFL	Food Sales	NWS	Lighting - Interior	150W Incandescent	Lamp	1.0	$11	666	0.08	3.10
745	40 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$58	484	0.06	3.85
746	55 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$66	878	0.11	6.20
747	65 Watt Modular CFL	Food Sales	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$71	817	0.10	5.37
748	De-lamp from 8', 4 lamp/fixture	Food Sales	NWS	Lighting - Interior	Eight ft. 4 lamp fixture	Fixture	11.0	$26	359	0.06	6.17
749	De-lamp from 4', 4 lamp/fixture	Food Sales	NWS	Lighting - Interior	Four ft. 4 lamp fixture	Fixture	11.0	$26	191	0.03	3.31
750	T8 32W Dimming El Ballast	Food Sales	NWS	Lighting - Interior	T12 34W Mag ES Ballast	Fixture	11.0	$56	92	0.01	0.73
751	Premium T8 El Ballast	Food Sales	NWS	Lighting - Interior	T8 32W El Ballast	Fixture	11.0	$4	66	0.01	6.99
752	2 4' T8 32 watt lamps with EB	Food Sales	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	92	0.01	1.43
753	2 4' Super T8 28 watt lamps with EB	Food Sales	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	158	0.02	2.14
754	1 4' T8 32 watt lamps with EB and reflector	Food Sales	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	257	0.04	2.29
755	2 4' T8 32 watt lamps with EB with dimming system	Food Sales	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	188	0.03	0.93
756	2 4' T8 32 watt lamps with EB with occupancy sensors	Food Sales	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	168	0.03	1.77
757	2 4' Super T8 28 watt lamps with EB	Food Sales	NWS	Lighting - interior	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	66	0.01	6.99
758	2 8' T8 59 watt lamps with EB	Food Sales	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	92	0.01	0.63
759	2 8' Super T8 59 watt lamps with EB	Food Sales	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	165	0.03	0.96
760	1 8' T8 59 watt lamps with EB and reflector	Food Sales	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	362	0.06	1.81
761	2 8' T8 59 watt lamps with EB with dimming system	Food Sales	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	271	0.04	0.81
762	2 8' T8 59 watt lamps with EB with occupancy sensors	Food Sales	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	236	0.04	1.13
763	2 8' Super T8 59 watt lamps with EB	Food Sales	NWS	Lighting - interior	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	72	0.01	2.91
764	50W Metal Halide	Lodging	NWS	Lighting - Interior	150W Incandescent	HID Lamp	16.0	$214	996	0.05	2.42
765	75W Metal Halide	Lodging	NWS	Lighting - Interior	100W Mercury Vapor	HID Lamp	16.0	$221	249	0.01	0.59
766	100W Metal Halide	Lodging	NWS	Lighting - Interior	175W Mercury Vapo	HID Lamp	16.0	$227	747	0.04	1.71
767	13 Watt Integral CFL	Lodging	NWS	Lighting - Interior	40W Incandescent	Lamp	1.0	$4	247	0.01	2.57
768	13 Watt Integral CFL	Lodging	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$4	431	0.02	4.63
769	13 Watt Modular CFL	Lodging	NWS	Lighting - Interior	40W Incandescent	Lamp	12.0	$45	247	0.01	2.35
770	13 Watt Modular CFL	Lodging	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$45	431	0.02	4.10
771	14 Watt Integral CFL	Lodging	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$5	421	0.02	4.16
772	14 Watt Modular CFL	Lodging	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	421	0.02	3.97
773	15 Watt Integral CFL	Lodging	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$5	412	0.02	3.77
774	15 Watt Modular CFL	Lodging	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$46	412	0.02	3.84
775	16 Watt Integral CFL	Lodging	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$5	403	0.02	3.43
776	16 Watt Modular CFL	Lodging	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	403	0.02	3.71
777	18 Watt Integral CFL	Lodging	NWS	Lighting - Interior	60W Incandescent	Lamp	1.0	$6	385	0.02	2.87
778	18 Watt Integral CFL	Lodging	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$6	522	0.03	4.15
779	18 Watt Modular CFL	Lodging	NWS	Lighting - Interior	60W Incandescent	Lamp	12.0	$47	385	0.02	3.47
780	18 Watt Modular CFL	Lodging	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$47	522	0.03	4.71
781	19 Watt Integral CFL	Lodging	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$6	513	0.03	3.84
782	19 Watt Modular CFL	Lodging	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	513	0.03	4.58
783	20 Watt Integral CFL	Lodging	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$6	504	0.03	3.56
784	20 Watt Modular CFL	Lodging	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$48	504	0.03	4.45
785	23 Watt Integral CFL	Lodging	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$6	705	0.04	5.34
786	23 Watt Modular CFL	Lodging	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$50	705	0.04	6.05
787	25 Watt Integral CFL	Lodging	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$7	687	0.04	4.75
788	25 Watt Integral CFL	Lodging	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$8	458	0.02	2.54
789	25 Watt Modular CFL	Lodging	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	687	0.04	5.78
790	25 Watt Modular CFL	Lodging	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	458	0.02	3.85
791	26 Watt Integral CFL	Lodging	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$7	678	0.03	4.49
792	26 Watt Integral CFL	Lodging	NWS	Lighting - Interior	75W Incandescent	Lamp	1.0	$9	449	0.02	2.39
793	26 Watt Modular CFL	Lodging	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$51	678	0.03	5.65
794	26 Watt Modular CFL	Lodging	NWS	Lighting - Interior	75W Incandescent	Lamp	12.0	$51	449	0.02	3.74

ICF ID	Efficient Technology	Sub Division	Weather Sens?	End Use	Base Efficiency Definition	Unit Name	Measure Life	Total Incremental Cost	Annual kWh Savings	Annual kW Coincident Peak Savings	TRC
795	28 Watt Integral CFL	Lodging	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$7	660	0.03	4.03
796	28 Watt Modular CFL	Lodging	NWS	Lighting - Interior	100W Incandescent	Lamp	12.0	$52	660	0.03	5.39
797	30 Watt Integral CFL	Lodging	NWS	Lighting - Interior	100W Incandescent	Lamp	1.0	$9	641	0.03	3.39
798	30 Watt Modular CFL	Lodging	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$53	825	0.04	6.61
799	36 Watt Integral CFL	Lodging	NWS	Lighting - Interior	150W Incandescent	Lamp	1.0	$7	1,045	0.05	6.86
800	40 Watt Integral CFL	Lodging	NWS	Lighting - Interior	150W Incandescent	Lamp	1.0	$11	1,008	0.05	4.38
801	40 Watt Modular CFL	Lodging	NWS	Lighting - Interior	120W Incandescent	Lamp	12.0	$58	733	0.04	5.38
802	55 Watt Modular CFL	Lodging	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$66	1,329	0.07	8.66
803	65 Watt Modular CFL	Lodging	NWS	Lighting - Interior	200W Incandescent	Lamp	12.0	$71	1,237	0.06	7.50
804	De-lamp from 8', 4 lamp/fixture	Lodging	NWS	Lighting - Interior	Eight ft. 4 lamp fixture	Fixture	11.0	$26	543	0.04	8.60
805	De-lamp from 4', 4 lamp/fixture	Lodging	NWS	Lighting - Interior	Four ft. 4 lamp fixture	Fixture	11.0	$26	289	0.02	4.61
806	T8 32W Dimming El Ballast	Lodging	NWS	Lighting - Interior	T12 34W Mag ES Ballast	Fixture	11.0	$56	139	0.01	1.02
807	Premium T8 El Ballast	Lodging	NWS	Lighting - Interior	T8 32W El Ballast	Fixture	11.0	$4	100	0.01	9.75
808	2 4' T8 32 watt lamps with EB	Lodging	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$29	139	0.01	2.00
809	2 4' Super T8 28 watt lamps with EB	Lodging	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$33	239	0.02	2.99
810	1 4' T8 32 watt lamps with EB and reflector	Lodging	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$50	388	0.03	3.19
811	2 4' T8 32 watt lamps with EB with dimming system	Lodging	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$90	284	0.02	1.30
812	2 4' T8 32 watt lamps with EB with occupancy sensors	Lodging	NWS	Lighting - interior	2 4' T12 34 watt lamps with MB	4 ft. 2 lamp fixture	11.0	$42	255	0.02	2.47
813	2 4' Super T8 28 watt lamps with EB	Lodging	NWS	Lighting - interior	2 4' T8 32 watt lamps with EB	4 ft. 2 lamp fixture	11.0	$4	100	0.01	9.75
814	2 8' T8 59 watt lamps with EB	Lodging	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$65	139	0.01	0.88
815	2 8' Super T8 59 watt lamps with EB	Lodging	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$76	249	0.02	1.34
816	1 8' T8 59 watt lamps with EB and reflector	Lodging	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$89	548	0.04	2.53
817	2 8' T8 59 watt lamps with EB with dimming system	Lodging	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$150	411	0.03	1.12
818	2 8' T8 59 watt lamps with EB with occupancy sensors	Lodging	NWS	Lighting - interior	2 8' T12 60 watt lamps with MB	8 ft. 2 lamp fixture	11.0	$93	357	0.03	1.58
819	2 8' Super T8 59 watt lamps with EB	Lodging	NWS	Lighting - interior	2 8' T8 59 watt lamps with EB	8 ft. 2 lamp fixture	11.0	$11	110	0.01	4.06
820	Premium Efficiency Motor - 1 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$65	49	0.02	0.53
821	Premium Efficiency Motor - 5 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$41	148	0.07	2.51
822	Premium Efficiency Motor - 10 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$74	311	0.15	2.88
823	Premium Efficiency Motor - 15 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$53	412	0.20	5.35
824	Premium Efficiency Motor - 20 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$225	746	0.26	2.10
825	Premium Efficiency Motor - 25 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$283	873	0.31	1.96
826	Premium Efficiency Motor - 50 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$705	1,346	0.47	1.21
827	Premium Efficiency Motor - 100 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$491	2,285	0.80	2.96
828	Premium Efficiency Motor - 150 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$1,045	2,080	0.73	1.27
829	Premium Efficiency Motor - 200 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$1,079	2,179	0.97	1.37
830	Premium Efficiency Motor - 1 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$68	49	0.02	0.50
831	Premium Efficiency Motor - 5 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$59	148	0.07	1.73
832	Premium Efficiency Motor - 10 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$122	311	0.15	1.75
833	Premium Efficiency Motor - 15 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$240	290	0.14	0.83
834	Premium Efficiency Motor - 20 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$110	746	0.26	4.33
835	Premium Efficiency Motor - 25 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$468	547	0.19	0.74
836	Premium Efficiency Motor - 50 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$689	1,346	0.47	1.24
837	Premium Efficiency Motor - 100 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$214	1,575	0.55	4.68
838	Premium Efficiency Motor - 150 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$1,271	2,080	0.73	1.04
839	Premium Efficiency Motor - 200 HP	Office - Large	NWS	Electric Miscellaneous	EPACT Efficiency Motors	1 Motor	15.0	$484	3,255	1.45	4.54
840	High Efficiency Copier	Office - Large	NWS	Electric Miscellaneous	No idle-off control	1 Copier	6.0	$157	324	0.04	0.55
841	High Efficiency Copier	Office - Large	NWS	Electric Miscellaneous	No idle-off control	1 Copier	6.0	$2,969	322	0.02	0.03
842	High Efficiency Copier	Office - Large	NWS	Electric Miscellaneous	No idle-off control	1 Copier	6.0	$10,925	142	0.01	0.00
843	High Pressure Sodium 200 W	Warehouse and Storage	NWS	Lighting - exterior	Mercury Vapor 400 W	Outdoor Lamp	16.0	$159	820	0.00	2.18
844	Low Pressure Sodium 180 W	Warehouse and Storage	NWS	Lighting - exterior	Mercury Vapor 400 W	Outdoor Lamp	16.0	$142	902	0.00	2.67
845	Metal Halide 175 W PS	Warehouse and Storage	NWS	Lighting - exterior	Metal Halide 250 W PS	Outdoor Lamp	16.0	$197	349	0.00	0.75
846	Metal Halide 175 W PS	Warehouse and Storage	NWS	Lighting - exterior	Incandescant 500 W PS	Outdoor Lamp	16.0	$197	1,189	0.00	2.55
847	Metal Halide 250 W PS	Warehouse and Storage	NWS	Lighting - exterior	Mercury Vapor 400 W	Outdoor Lamp	16.0	$220	652	0.00	1.25
848	Photocell:	Warehouse and Storage	NWS	Lighting - exterior	No Photocell	1 Photocell	8.0	$60	106	0.00	0.44
849	Timeclock:	Warehouse and Storage	NWS	Lighting - exterior	No Timeclock	1 timeclock	8.0	$240	474	0.00	0.48
850	Electroluminescent Exit Sign (New)	Office - Large	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$107	381	0.05	1.99
851	Electroluminescent Exit Sign Retrofit Kit	Office - Large	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$104	381	0.05	2.05
852	LED Exit Sign (New)	Office - Large	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$65	351	0.04	3.01
853	LED Exit Sign Retrofit Kit	Office - Large	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign Kit	16.0	$51	351	0.04	3.90
854	Electroluminescent Exit Sign (New)	Education	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$107	381	0.05	1.97
855	Electroluminescent Exit Sign Retrofit Kit	Education	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$104	381	0.05	2.03
856	LED Exit Sign (New)	Education	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$65	351	0.04	2.99
857	LED Exit Sign Retrofit Kit	Education	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign Kit	16.0	$51	351	0.04	3.86
858	Electroluminescent Exit Sign (New)	Food Sales	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$107	381	0.05	1.93
859	Electroluminescent Exit Sign Retrofit Kit	Food Sales	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$104	381	0.05	1.99

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860	LED Exit Sign (New)	Food Sales	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$65	351	0.04	2.92
861	LED Exit Sign Retrofit Kit	Food Sales	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign Kit	16.0	$51	351	0.04	3.78
862	Electroluminescent Exit Sign (New)	Food Service	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$107	381	0.05	2.01
863	Electroluminescent Exit Sign Retrofit Kit	Food Service	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$104	381	0.05	2.08
864	LED Exit Sign (New)	Food Service	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$65	351	0.04	3.05
865	LED Exit Sign Retrofit Kit	Food Service	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign Kit	16.0	$51	351	0.04	3.95
866	Electroluminescent Exit Sign (New)	Lodging	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$107	381	0.05	1.96
867	Electroluminescent Exit Sign Retrofit Kit	Lodging	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$104	381	0.05	2.02
868	LED Exit Sign (New)	Lodging	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$65	351	0.04	2.97
869	LED Exit Sign Retrofit Kit	Lodging	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign Kit	16.0	$51	351	0.04	3.84
870	Electroluminescent Exit Sign (New)	Office - Small	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$107	381	0.05	2.03
871	Electroluminescent Exit Sign Retrofit Kit	Office - Small	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$104	381	0.05	2.09
872	LED Exit Sign (New)	Office - Small	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$65	351	0.04	3.07
873	LED Exit Sign Retrofit Kit	Office - Small	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign Kit	16.0	$51	351	0.04	3.98
874	Electroluminescent Exit Sign (New)	Assembly	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$107	381	0.05	2.01
875	Electroluminescent Exit Sign Retrofit Kit	Assembly	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$104	381	0.05	2.07
876	LED Exit Sign (New)	Assembly	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$65	351	0.04	3.04
877	LED Exit Sign Retrofit Kit	Assembly	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign Kit	16.0	$51	351	0.04	3.93
878	Electroluminescent Exit Sign (New)	Retail - Large	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$107	381	0.05	2.02
879	Electroluminescent Exit Sign Retrofit Kit	Retail - Large	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$104	381	0.05	2.08
880	LED Exit Sign (New)	Retail - Large	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$65	351	0.04	3.05
881	LED Exit Sign Retrofit Kit	Retail - Large	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign Kit	16.0	$51	351	0.04	3.95
882	Electroluminescent Exit Sign (New)	Retail - Small	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$107	381	0.05	2.05
883	Electroluminescent Exit Sign Retrofit Kit	Retail - Small	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$104	381	0.05	2.11
884	LED Exit Sign (New)	Retail - Small	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$65	351	0.04	3.10
885	LED Exit Sign Retrofit Kit	Retail - Small	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign Kit	16.0	$51	351	0.04	4.01
886	Electroluminescent Exit Sign (New)	Warehouse and Storage	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$107	381	0.05	2.08
887	Electroluminescent Exit Sign Retrofit Kit	Warehouse and Storage	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$104	381	0.05	2.14
888	LED Exit Sign (New)	Warehouse and Storage	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign	16.0	$65	351	0.04	3.15
889	LED Exit Sign Retrofit Kit	Warehouse and Storage	NWS	Electric Miscellaneous	Incandescent Exit Sign	1 Sign Kit	16.0	$51	351	0.04	4.07
890	Occ-Sensor - Plug loads	Office - Large	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	10.0	$117	143	0.05	0.58
891	Occ-Sensor - Wall box	Office - Large	NWS	Lighting - interior	No Occupancy Sensor	1 Sensor	8.0	$77	214	0.18	1.45
892	Occ-Sensor - Plug loads	Education	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	10.0	$117	143	0.05	0.58
893	Occ-Sensor - Wall box	Education	NWS	Lighting - interior	No Occupancy Sensor	1 Sensor	8.0	$77	214	0.18	1.43
894	Occ-Sensor - Plug loads	Food Sales	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	10.0	$117	143	0.05	0.57
895	Occ-Sensor - Wall box	Food Sales	NWS	Lighting - interior	No Occupancy Sensor	1 Sensor	8.0	$77	214	0.18	1.43
896	Occ-Sensor - Plug loads	Food Service	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	10.0	$117	143	0.05	0.59
897	Occ-Sensor - Wall box	Food Service	NWS	Lighting - interior	No Occupancy Sensor	1 Sensor	8.0	$77	214	0.18	1.47
898	Occ-Sensor - Plug loads	Lodging	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	10.0	$117	143	0.05	0.57
899	Occ-Sensor - Wall box	Lodging	NWS	Lighting - interior	No Occupancy Sensor	1 Sensor	8.0	$77	214	0.18	1.41
900	Occ-Sensor - Plug loads	Office - Small	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	10.0	$117	143	0.05	0.59
901	Occ-Sensor - Wall box	Office - Small	NWS	Lighting - interior	No Occupancy Sensor	1 Sensor	8.0	$77	214	0.18	1.51
902	Occ-Sensor - Plug loads	Assembly	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	10.0	$117	143	0.05	0.59
903	Occ-Sensor - Wall box	Assembly	NWS	Lighting - interior	No Occupancy Sensor	1 Sensor	8.0	$77	214	0.18	1.46
904	Occ-Sensor - Plug loads	Retail - Large	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	10.0	$117	143	0.05	0.59
905	Occ-Sensor - Wall box	Retail - Large	NWS	Lighting - interior	No Occupancy Sensor	1 Sensor	8.0	$77	214	0.18	1.47
906	Occ-Sensor - Plug loads	Retail - Small	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	10.0	$117	143	0.05	0.60
907	Occ-Sensor - Wall box	Retail - Small	NWS	Lighting - interior	No Occupancy Sensor	1 Sensor	8.0	$77	214	0.18	1.50
908	Occ-Sensor - Plug loads	Warehouse and Storage	NWS	Electric Miscellaneous	No Occupancy Sensor	1 Sensor	10.0	$117	143	0.05	0.61
909	Occ-Sensor - Wall box	Warehouse and Storage	NWS	Lighting - interior	No Occupancy Sensor	1 Sensor	8.0	$77	214	0.18	1.49
910	Connectionless Steamer	Food Service	NWS	Cooking	Connected Steamer	1 Steamer	12.0	($1,922)	2,190	0.00	(0.51)
911	Hot Food Holding Cabinet	Food Service	NWS	Cooking	Normal Holding Cabinet	1 Cabinet	12.0	$1,044	4,030	0.00	1.74
912	Efficient French Fryer - Electric	Food Service	NWS	Cooking	French Fryer - Electric 15" wide, 150 food pounds per 16-hour day	1 Fryer	12.0	$4,708	1,166	0.20	0.13
913	Connectionless Steamer	Food Service	NWS	Cooking	Connected Steamer	1 Steamer	12.0	$4,150	11,166	2.50	1.43
914	Efficient Electric Griddle	Food Service	NWS	Cooking	Base Electric Griddle	1 Griddle	12.0	$4,708	1,166	0.20	0.13
915	Efficient Convection Oven	Food Service	NWS	Cooking	Base Convection Oven	1 Convection Oven	12.0	$2,713	2,262	0.50	0.44
916	Efficient Combination Oven-Electric	Food Service	NWS	Cooking	Combination Oven-Electric	1 Combo Oven	12.0	$16,884	18,432	4.20	0.58
917	Efficient Hot Food Holding Cabinet-Full-Size	Food Service	NWS	Cooking	Hot Food Holding Cabinet-Full-Size	1 Cabinet	12.0	$3,153	2,190	0.40	0.36
918	Efficient Hot Food Holding Cabinet-Three-Quarter-Size	Food Service	NWS	Cooking	Hot Food Holding Cabinet-Three-Quarter-Size	1 Cabinet	12.0	$3,153	1,643	0.30	0.27
919	Efficient Hot Food Holding Cabinet-Half-Size	Food Service	NWS	Cooking	Hot Food Holding Cabinet-Half-Size	1 Cabinet	12.0	$3,153	1,095	0.20	0.18
920	Efficient Air-Cooled 101-200 lbs/day	Food Service	NWS	Refrigeration	Base Air-Cooled 101-200 lbs/day	1 Ice Machine	12.0	$0	3,614	0.41	0.00
921	Efficient Air-Cooled 201-300 lbs/day	Food Service	NWS	Refrigeration	Base Air-Cooled 201-300 lbs/day	1 Ice Machine	12.0	$312	2,281	0.26	3.25
922	Efficient Air-Cooled 301-400 lbs/day	Food Service	NWS	Refrigeration	Base Air-Cooled 301-400 lbs/day	1 Ice Machine	12.0	$559	1,661	0.19	1.32
923	Efficient Air-Cooled 401-500 lbs/day	Food Service	NWS	Refrigeration	Base Air-Cooled 401-500 lbs/day	1 Ice Machine	12.0	$0	2,464	0.28	0.00
924	Efficient ir-Cooled 501-1000 lbs/day	Food Service	NWS	Refrigeration	Base Air-Cooled 501-1000 lbs/day	1 Ice Machine	12.0	$1,485	3,011	0.34	0.90

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925	Efficient Air-Cooled 1001-1500 lbs/day	Food Service	NWS	Refrigeration	Base Air-Cooled 1001-1500 lbs/day	1 Ice Machine	12.0	$1,821	4,106	0.47	1.00
926	Efficient Air-Cooled > 1500 lbs/day	Food Service	NWS	Refrigeration	Base Air-Cooled > 1500 lbs/day	1 Ice Machine	12.0	$0	4,563	0.52	0.00
927	Efficient Solid-Door Refrigerator 2-Door 31-60 cf	Food Service	NWS	Refrigeration	Base Solid-Door Refrigerator 2-Door 31-60 cf	1 Fridge	12.0	$2,299	942	0.11	0.18
928	Efficient Solid-Door Refrigerator 3-Door 61-90 cf	Food Service	NWS	Refrigeration	Base Solid-Door Refrigerator 3-Door 61-90 cf	1 Fridge	12.0	$2,849	1,351	0.15	0.21
929	Efficient Solid-Door Freezer 2-Door 31-60 cf	Food Service	NWS	Refrigeration	Base Solid-Door Freezer 2-Door 31-60 cf	1 Freezer	12.0	$4,851	6,928	0.24	0.59
930	Efficient Solid-Door Freezer 3-Door 61-90 cf	Food Service	NWS	Refrigeration	Base Solid-Door Freezer 3-Door 61-90 cf	1 Freezer	12.0	$7,712	11,016	0.38	0.59
931	Vending Machine Controller	Food Service	NWS	Electric Miscellaneous	Uncontrolled Cold Drink Vending Machine	1 Vending Machine	10.0	$216	1,612	0.00	2.79
932	Vending Machine Controller	Food Service	NWS	Electric Miscellaneous	Uncontrolled Uncooled Snack Machine	1 Snack Machine	10.0	$108	387	0.00	1.33
933	2 1-lamp F32T8 with EB and CFL Task Light	Office - Large	NWS	Lighting - interior	2 2-lamp F32T8 with EB	0	11.0	$30	138	0.04	2.32
934	2 1-lamp Super T8s with high-power EB	Office - Large	NWS	Lighting - interior	2 2-lamp F32T8 with EB	0	11.0	$15	184	0.06	6.19
935	2 1-lamp indirect fixture with T5	Office - Large	NWS	Lighting - interior	2 2-lamp F32T8 with EB	0	11.0	$90	158	0.05	0.88
936	High Bay T5 (4L4' F28T5/HO)	Office - Large	NWS	Lighting - interior	High Bay Metal Halide (450 W)	1 fixture	18.0	$109	968	0.25	6.04
937	26 W White LED Lamp	Office - Large	NWS	Lighting - interior	75 W Halogen PAR Lamp	1 lamp	6.0	$47	173	0.00	0.91
938	LED Traffic Signal	Service	NWS	Lighting - exterior	Non-LED Traffic Signal	1 lamp	10.0	$234	3,162	0.36	4.47
939	LED Pedestrian Signal	Service	NWS	Lighting - exterior	Non-LED Pedestrian Signal	1 lamp	10.0	$124	473	0.05	1.26
940	Computer Power Management	Office - Large	NWS	Office Equipment	No Computer Power Management	1 building	3.0	$10	290	0.10	4.52
941	Variable speed drive for chilled water loop	Office - Large	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$5,409	19,865	19.07	2.50
942	Variable speed drive for chilled water loop	Education	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$3,479	10,172	15.38	2.51
943	Variable speed drive for chilled water loop	Warehouse and Storage	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$1,266	0	0.00	0.00
944	Variable speed drive for chilled water loop	Retail - Large	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$5,944	0	0.00	0.00
945	Variable speed drive for chilled water loop	Retail - Small	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$594	0	0.00	0.00
946	Variable speed drive for chilled water loop	Office - Small	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$490	0	0.00	0.00
947	Variable speed drive for chilled water loop	Assembly	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$723	0	0.00	0.00
948	Variable speed drive for chilled water loop	Food Sales	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$226	0	0.00	0.00
949	Variable speed drive for chilled water loop	Food Service	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$360	0	0.00	0.00
950	Variable speed drive for chilled water loop	Lodging - Hotel	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$8,916	33,863	22.50	2.15
951	Variable speed drive for chilled water loop	Lodging - Motel	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$3,566	0	0.00	0.00
952	Variable speed drive for chilled water loop	Health Care	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$8,809	70,280	53.78	4.76
953	Variable speed drive for hot water loop	Office - Large	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$1,545	20,075	16.03	7.93
954	Variable speed drive for hot water loop	Education	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$994	8,811	12.72	7.22
955	Variable speed drive for hot water loop	Warehouse and Storage	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$362	0	0.00	0.00
956	Variable speed drive for chilled water loop	Retail - Large	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$1,698	0	0.00	0.00
957	Variable speed drive for chilled water loop	Retail - Small	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$170	0	0.00	0.00
958	Variable speed drive for chilled water loop	Office - Small	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$140	0	0.00	0.00
959	Variable speed drive for chilled water loop	Assembly	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$207	0	0.00	0.00
960	Variable speed drive for chilled water loop	Food Sales	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$65	0	0.00	0.00
961	Variable speed drive for chilled water loop	Food Service	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$103	0	0.00	0.00
962	Variable speed drive for chilled water loop	Lodging - Hotel	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$2,547	29,422	18.86	6.44
963	Variable speed drive for chilled water loop	Lodging - Motel	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$1,019	0	0.00	0.00
964	Variable speed drive for chilled water loop	Health Care	WS	HVAC	2-way valves, with single speed pump	1 building	10.0	$2,517	52,783	45.22	13.10
965	Older building ceiling/roof insulation up to current standards	Office - Large	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$5,606	6,218	12.59	1.72
966	Older building ceiling/roof insulation up to current standards	Education	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$18,029	2,661	11.31	0.40
967	Older building ceiling/roof insulation up to current standards	Warehouse and Storage	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$6,560	1,274	2.99	0.35
968	Older building ceiling/roof insulation up to current standards	Retail - Large	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$61,606	5,738	25.31	0.26
969	Older building ceiling/roof insulation up to current standards	Retail - Small	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$6,161	767	3.82	0.39
970	Older building ceiling/roof insulation up to current standards	Office - Small	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$2,537	756	2.86	0.74
971	Older building ceiling/roof insulation up to current standards	Assembly	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$3,746	1,313	6.90	1.13
972	Older building ceiling/roof insulation up to current standards	Food Sales	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$2,341	266	1.70	0.43
973	Older building ceiling/roof insulation up to current standards	Food Service	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$3,733	520	3.03	0.49
974	Older building ceiling/roof insulation up to current standards	Lodging - Hotel	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$18,482	7,380	15.31	0.64
975	Older building ceiling/roof insulation up to current standards	Lodging - Motel	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$18,482	4,335	17.42	0.60
976	Older building ceiling/roof insulation up to current standards	Health Care	WS	HVAC	Ceiling R-value based on vintage and climate zone	1 building	20.0	$22,825	6,311	39.50	1.03
977	Chilled Water Loop temperature control	Office - Large	WS	HVAC	Constant chilled water temperature	1 building	10.0	$1,363	1,102	12.45	3.07
978	Chilled Water Loop temperature control	Education	WS	HVAC	Constant chilled water temperature	1 building	10.0	$1,363	669	10.98	2.65
979	Chilled Water Loop temperature control	Warehouse and Storage	WS	HVAC	Constant chilled water temperature	1 building	10.0	$681	0	0.00	0.00
980	Chilled Water Loop temperature control	Retail - Large	WS	HVAC	Constant chilled water temperature	1 building	10.0	$681	0	0.00	0.00
981	Chilled Water Loop temperature control	Retail - Small	WS	HVAC	Constant chilled water temperature	1 building	10.0	$681	0	0.00	0.00
982	Chilled Water Loop temperature control	Office - Small	WS	HVAC	Constant chilled water temperature	1 building	10.0	$681	0	0.00	0.00
983	Chilled Water Loop temperature control	Assembly	WS	HVAC	Constant chilled water temperature	1 building	10.0	$681	0	0.00	0.00
984	Chilled Water Loop temperature control	Food Sales	WS	HVAC	Constant chilled water temperature	1 building	10.0	$681	0	0.00	0.00
985	Chilled Water Loop temperature control	Food Service	WS	HVAC	Constant chilled water temperature	1 building	10.0	$681	0	0.00	0.00
986	Chilled Water Loop temperature control	Lodging - Hotel	WS	HVAC	Constant chilled water temperature	1 building	10.0	$1,363	1,564	14.25	3.58
987	Chilled Water Loop temperature control	Lodging - Motel	WS	HVAC	Constant chilled water temperature	1 building	10.0	$681	0	0.00	0.00
988	Chilled Water Loop temperature control	Health Care	WS	HVAC	Constant chilled water temperature	1 building	10.0	$2,044	2,786	37.95	6.16
989	Hot Water Loop temperature control	Office - Large	WS	HVAC	Constant hot water temperature	1 building	10.0	$1,668	5	12.45	2.32

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990	Hot Water Loop temperature control	Education	WS	HVAC	Constant hot water temperature	1 building	10.0	$1,668	7	10.98	2.04
991	Hot Water Loop temperature control	Warehouse and Storage	WS	HVAC	Constant hot water temperature	1 building	10.0	$834	0	0.00	0.00
992	Hot Water Loop temperature control	Retail - Large	WS	HVAC	Constant hot water temperature	1 building	10.0	$834	0	0.00	0.00
993	Hot Water Loop temperature control	Retail - Small	WS	HVAC	Constant hot water temperature	1 building	10.0	$834	0	0.00	0.00
994	Hot Water Loop temperature control	Office - Small	WS	HVAC	Constant hot water temperature	1 building	10.0	$834	0	0.00	0.00
995	Hot Water Loop temperature control	Assembly	WS	HVAC	Constant hot water temperature	1 building	10.0	$834	0	0.00	0.00
996	Hot Water Loop temperature control	Food Sales	WS	HVAC	Constant hot water temperature	1 building	10.0	$834	0	0.00	0.00
997	Hot Water Loop temperature control	Food Service	WS	HVAC	Constant hot water temperature	1 building	10.0	$834	0	0.00	0.00
998	Hot Water Loop temperature control	Lodging - Hotel	WS	HVAC	Constant hot water temperature	1 building	10.0	$1,668	0	14.25	2.65
999	Hot Water Loop temperature control	Lodging - Motel	WS	HVAC	Constant hot water temperature	1 building	10.0	$834	0	0.00	0.00
1000	Hot Water Loop temperature control	Health Care	WS	HVAC	Constant hot water temperature	1 building	10.0	$2,502	0	37.95	4.71
1001	Dirty Air-cooled condenser coils are cleaned	Office - Large	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$6,179	51,009	0.00	0.99
1002	Dirty Air-cooled condenser coils are cleaned	Education	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$3,721	19,504	0.00	0.75
1003	Dirty Air-cooled condenser coils are cleaned	Warehouse and Storage	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$983	9,045	3.46	1.64
1004	Dirty Air-cooled condenser coils are cleaned	Retail - Large	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$10,181	134,566	34.92	2.10
1005	Dirty Air-cooled condenser coils are cleaned	Retail - Small	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$1,264	16,528	4.11	2.09
1006	Dirty Air-cooled condenser coils are cleaned	Office - Small	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$702	10,215	2.10	2.32
1007	Dirty Air-cooled condenser coils are cleaned	Assembly	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$1,194	9,724	0.00	1.15
1008	Dirty Air-cooled condenser coils are cleaned	Food Sales	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$421	7,091	1.40	2.62
1009	Dirty Air-cooled condenser coils are cleaned	Food Service	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$772	10,793	2.27	2.20
1010	Dirty Air-cooled condenser coils are cleaned	Lodging - Hotel	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$8,811	83,248	0.00	1.06
1011	Dirty Air-cooled condenser coils are cleaned	Lodging - Motel	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$3,370	79,177	9.51	3.30
1012	Dirty Air-cooled condenser coils are cleaned	Health Care	WS	HVAC	cooling equipment efficiency is degraded by 20%	1 building	3.0	$15,657	146,374	0.00	1.15
1013	Central HVAC system Economizer retrofit	Office - Large	WS	HVAC	No Economizer	1 building	15.0	$29,939	2,582	0.00	0.05
1014	Central HVAC system Economizer retrofit	Education	WS	HVAC	No Economizer	1 building	15.0	$18,031	0	0.00	0.00
1015	Packaged system Economizer retrofit	Warehouse and Storage	WS	HVAC	No Economizer	1 building	15.0	$4,763	0	0.00	0.00
1016	Central HVAC system Economizer retrofit	Retail - Large	WS	HVAC	No Economizer	1 building	15.0	$49,331	0	0.00	0.00
1017	Central HVAC system Economizer retrofit	Retail - Small	WS	HVAC	No Economizer	1 building	15.0	$6,124	0	0.00	0.00
1018	Packaged system Economizer retrofit	Office - Small	WS	HVAC	No Economizer	1 building	15.0	$3,402	0	0.00	0.00
1019	Central HVAC system Economizer retrofit	Assembly	WS	HVAC	No Economizer	1 building	15.0	$5,784	0	0.00	0.00
1020	Central HVAC system Economizer retrofit	Food Sales	WS	HVAC	No Economizer	1 building	15.0	$2,041	0	0.00	0.00
1021	Packaged system Economizer retrofit	Food Service	WS	HVAC	No Economizer	1 building	15.0	$3,742	0	0.00	0.00
1022	Central HVAC system Economizer retrofit	Lodging - Hotel	WS	HVAC	No Economizer	1 building	15.0	$42,696	25,740	3.13	0.37
1023	Central HVAC system Economizer retrofit	Lodging - Motel	WS	HVAC	No Economizer	1 building	15.0	$16,330	0	0.00	0.00
1024	Packaged system Economizer retrofit	Health Care	WS	HVAC	No Economizer	1 building	15.0	$75,867	6,394	0.00	0.06
1025	Light Colored Roof	Office - Large	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$76,938	6,675	0.36	0.04
1026	Light Colored Roof	Education	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$247,422	5,432	1.38	0.01
1027	Light Colored Roof	Warehouse and Storage	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$90,021	2,510	0.90	0.02
1028	Light Colored Roof	Retail - Large	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$845,467	9,686	3.14	0.01
1029	Light Colored Roof	Retail - Small	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$84,547	1,811	0.42	0.01
1030	Light Colored Roof	Office - Small	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$34,816	1,805	0.32	0.03
1031	Light Colored Roof	Assembly	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$51,404	1,989	0.56	0.02
1032	Light Colored Roof	Food Sales	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$32,128	779	0.16	0.01
1033	Light Colored Roof	Food Service	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$51,235	1,085	0.21	0.01
1034	Light Colored Roof	Lodging - Hotel	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$253,640	10,065	1.96	0.02
1035	Light Colored Roof	Lodging - Motel	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$253,640	7,071	1.82	0.02
1036	Light Colored Roof	Health Care	WS	HVAC	Roof absorptivity = 0.8	1 building	15.0	$313,246	13,003	2.63	0.02
1037	time clocks control packaged system operation	Office - Large	WS	HVAC	Supply fan runs continuously	1 building	10.0	$25,762	393,911	0.00	5.30
1038	time clocks control packaged system operation	Education	WS	HVAC	Supply fan runs continuously	1 building	10.0	$13,694	209,383	6.79	5.71
1039	time clocks control packaged system operation	Warehouse and Storage	WS	HVAC	Supply fan runs continuously	1 building	10.0	$2,004	30,643	0.09	5.93
1040	time clocks control packaged system operation	Retail - Large	WS	HVAC	Supply fan runs continuously	1 building	10.0	$13,549	207,169	0.00	5.02
1041	time clocks control packaged system operation	Retail - Small	WS	HVAC	Supply fan runs continuously	1 building	10.0	$0	0	0.00	0.00
1042	time clocks control packaged system operation	Office - Small	WS	HVAC	Supply fan runs continuously	1 building	10.0	$2,407	36,809	0.00	5.75
1043	time clocks control packaged system operation	Assembly	WS	HVAC	Supply fan runs continuously	1 building	10.0	$0	0	0.00	0.00
1044	time clocks control packaged system operation	Food Sales	WS	HVAC	Supply fan runs continuously	1 building	10.0	$1,132	17,313	0.00	5.01
1045	time clocks control packaged system operation	Food Service	WS	HVAC	Supply fan runs continuously	1 building	10.0	$2,526	38,617	0.00	5.43
1046	time clocks control packaged system operation	Lodging - Hotel	WS	HVAC	Supply fan runs continuously	1 building	10.0	$31,231	477,539	0.00	5.44
1047	time clocks control packaged system operation	Lodging - Motel	WS	HVAC	Supply fan runs continuously	1 building	10.0	$12,028	183,913	0.00	4.17
1048	time clocks control packaged system operation	Health Care	WS	HVAC	Supply fan runs continuously	1 building	10.0	$26,919	411,598	4.63	5.48
1049	Base ventilation rate 25% higher than required	Office - Large	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$7,012	1,302	0.00	0.05
1050	Base ventilation rate 25% higher than required	Education	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$4,223	13,313	0.00	0.82
1051	Base ventilation rate 25% higher than required	Warehouse and Storage	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$1,116	221	0.00	0.00
1052	Base ventilation rate 25% higher than required	Retail - Large	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$11,554	2,192	0.00	0.08
1053	Base ventilation rate 25% higher than required	Retail - Small	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$1,434	0	0.00	0.00
1054	Base ventilation rate 25% higher than required	Office - Small	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$797	514	0.00	0.16

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1055	Base ventilation rate 25% higher than required	Assembly	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$1,355	4,567	0.00	0.68
1056	Base ventilation rate 25% higher than required	Food Sales	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$478	0	0.00	0.00
1057	Base ventilation rate 25% higher than required	Food Service	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$876	736	0.00	0.24
1058	Base ventilation rate 25% higher than required	Lodging - Hotel	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$10,000	0	0.00	0.00
1059	Base ventilation rate 25% higher than required	Lodging - Motel	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$3,825	16,345	0.00	0.75
1060	Base ventilation rate 25% higher than required	Health Care	WS	HVAC	ventilation rate increased by 25%	1 building	10.0	$17,769	18,612	0.00	0.31
1061	Efficient chiller	Office - Large	WS	HVAC	Base chiller	1 building	20.0	$8,633	30,884	16.62	3.19
1062	Efficient chiller	Education	WS	HVAC	Base chiller	1 building	20.0	$5,200	0	2.98	0.31
1063	Efficient chiller	Warehouse and Storage	WS	HVAC	Base chiller	1 building	20.0	$1,374	0	0.00	0.00
1064	Efficient chiller	Retail - Large	WS	HVAC	Base chiller	1 building	20.0	$14,226	0	0.00	0.00
1065	Efficient chiller	Retail - Small	WS	HVAC	Base chiller	1 building	20.0	$1,766	0	0.00	0.00
1066	Efficient chiller	Office - Small	WS	HVAC	Base chiller	1 building	20.0	$981	0	0.00	0.00
1067	Efficient chiller	Assembly	WS	HVAC	Base chiller	1 building	20.0	$1,668	0	0.00	0.00
1068	Efficient chiller	Food Sales	WS	HVAC	Base chiller	1 building	20.0	$589	0	0.00	0.00
1069	Efficient chiller	Food Service	WS	HVAC	Base chiller	1 building	20.0	$1,079	0	0.00	0.00
1070	Efficient chiller	Lodging - Hotel	WS	HVAC	Base chiller	1 building	20.0	$12,313	52,811	25.03	3.63
1071	Efficient chiller	Lodging - Motel	WS	HVAC	Base chiller	1 building	20.0	$4,709	0	0.00	0.00
1072	Efficient chiller	Health Care	WS	HVAC	Base chiller	1 building	20.0	$21,878	73,621	29.85	2.68
1073	Efficient packaged AC	Office - Large	WS	HVAC	Base packaged AC	1 building	15.0	$26,247	0	0.00	0.00
1074	Efficient packaged AC	Education	WS	HVAC	Base packaged AC	1 building	15.0	$15,808	0	0.00	0.00
1075	Efficient packaged AC	Warehouse and Storage	WS	HVAC	Base packaged AC	1 building	15.0	$4,176	6,956	4.99	1.40
1076	Efficient packaged AC	Retail - Large	WS	HVAC	Base packaged AC	1 building	15.0	$43,248	96,440	40.98	1.53
1077	Efficient packaged AC	Retail - Small	WS	HVAC	Base packaged AC	1 building	15.0	$5,369	12,012	6.28	1.65
1078	Efficient packaged AC	Office - Small	WS	HVAC	Base packaged AC	1 building	15.0	$2,983	7,016	3.38	1.71
1079	Efficient packaged AC	Assembly	WS	HVAC	Base packaged AC	1 building	15.0	$5,071	3,082	2.69	0.56
1080	Efficient packaged AC	Food Sales	WS	HVAC	Base packaged AC	1 building	15.0	$1,790	5,441	2.44	2.16
1081	Efficient packaged AC	Food Service	WS	HVAC	Base packaged AC	1 building	15.0	$3,281	7,274	3.32	1.56
1082	Efficient packaged AC	Lodging - Hotel	WS	HVAC	Base packaged AC	1 building	15.0	$37,432	0	0.00	0.00
1083	Efficient packaged AC	Lodging - Motel	WS	HVAC	Base packaged AC	1 building	15.0	$10,124	78,277	33.74	5.23
1084	Efficient packaged AC	Health Care	WS	HVAC	Base packaged AC	1 building	15.0	$66,513	0	0.00	0.00
1085	Efficient boiler	Office - Large	WS	HVAC	Base boiler	1 building	15.0	$20,498	5	0.00	0.00
1086	Efficient boiler	Education	WS	HVAC	Base boiler	1 building	15.0	$6,771	7	0.00	0.00
1087	Efficient boiler	Warehouse and Storage	WS	HVAC	Base boiler	1 building	15.0	$33,810	0	0.00	0.00
1088	Efficient boiler	Retail - Large	WS	HVAC	Base boiler	1 building	15.0	$34,230	0	0.00	0.00
1089	Efficient boiler	Retail - Small	WS	HVAC	Base boiler	1 building	15.0	$6,315	0	0.00	0.00
1090	Efficient boiler	Office - Small	WS	HVAC	Base boiler	1 building	15.0	$4,560	0	0.00	0.00
1091	Efficient boiler	Assembly	WS	HVAC	Base boiler	1 building	15.0	$7,935	0	0.00	0.00
1092	Efficient boiler	Food Sales	WS	HVAC	Base boiler	1 building	15.0	$2,145	0	0.00	0.00
1093	Efficient boiler	Food Service	WS	HVAC	Base boiler	1 building	15.0	$3,465	0	0.00	0.00
1094	Efficient boiler	Lodging - Hotel	WS	HVAC	Base boiler	1 building	15.0	$23,403	0	0.00	0.00
1095	Efficient boiler	Lodging - Motel	WS	HVAC	Base boiler	1 building	15.0	$7,710	0	0.00	0.00
1096	Efficient boiler	Health Care	WS	HVAC	Base boiler	1 building	15.0	$0	0	0.00	0.00
1097	VAV box retrofit on constant volume system	Office - Large	WS	HVAC	Constant Volume air flow	1 building	10.0	$8,534	225,836	49.07	11.53
1098	VAV box retrofit on constant volume system	Education	WS	HVAC	Constant Volume air flow	1 building	10.0	$17,152	45,289	43.59	1.85
1099	VAV box retrofit on constant volume system	Warehouse and Storage	WS	HVAC	Constant Volume air flow	1 building	10.0	$1,872	0	15.60	2.08
1100	VAV box retrofit on constant volume system	Retail - Large	WS	HVAC	Constant Volume air flow	1 building	10.0	$15,825	239,661	48.67	6.06
1101	VAV box retrofit on constant volume system	Retail - Small	WS	HVAC	Constant Volume air flow	1 building	10.0	$1,582	37,149	11.10	10.53
1102	VAV box retrofit on constant volume system	Office - Small	WS	HVAC	Constant Volume air flow	1 building	10.0	$772	26,830	9.15	16.67
1103	VAV box retrofit on constant volume system	Assembly	WS	HVAC	Constant Volume air flow	1 building	10.0	$4,073	15,105	14.79	2.59
1104	VAV box retrofit on constant volume system	Food Sales	WS	HVAC	Constant Volume air flow	1 building	10.0	$241	15,262	4.58	28.52
1105	VAV box retrofit on constant volume system	Food Service	WS	HVAC	Constant Volume air flow	1 building	10.0	$1,776	21,624	6.47	5.59
1106	VAV box retrofit on constant volume system	Lodging - Hotel	WS	HVAC	Constant Volume air flow	1 building	10.0	$21,100	294,670	50.79	5.55
1107	VAV box retrofit on constant volume system	Lodging - Motel	WS	HVAC	Constant Volume air flow	1 building	10.0	$8,440	0	0.00	0.00
1108	VAV box retrofit on constant volume system	Health Care	WS	HVAC	Constant Volume air flow	1 building	10.0	$25,928	300,299	45.17	4.27
1109	Air-cooled multiplex system w/extensive refrigeration equipm	Food Sales	WS	Refrigeration	Standard air-cooled multiplex, SST setpoint reduced 3°F, SCT setp	design cool tons	4.0	$50	742	0.07	2.53
1110	Turn off fixture lights when store closed	Food Sales	WS	Refrigeration	Standard air-cooled multiplex, lights on all hours	fixture linear ft, LinF	16.0	$6	71	0.00	5.95
1111	Floating SCT controlled to 70°F	Food Sales	WS	Refrigeration	Standard air-cooled multiplex system, SCT control temp by vintage	design cool tons	16.0	$28	1,347	0.00	21.56
1112	Floating SCT controlled to 70°F	Food Sales	WS	Refrigeration	Standard evap-cooled multiplex system, SCT control temp by vinta	design cool tons	16.0	$28	2,100	0.09	38.11
1113	Floating SST control on LT and MT suction groups	Food Sales	WS	Refrigeration	Standard air-cooled multiplex system, SST controlled to fixed setpo	design cool tons	16.0	$40	378	0.07	5.33
1114	Ambient following SCT setpoint, 70°F minimum, variable-spe	Food Sales	WS	Refrigeration	Standard air-cooled multiplex system, SCT control temp by vintage	design cool tons	16.0	$386	1,812	0.02	2.31
1115	Wetbulb following SCT setpoint, 70°F minimum, variable-spe	Food Sales	WS	Refrigeration	Standard evap-cooled multiplex system, SCT control temp by vinta	design cool tons	16.0	$221	2,254	0.17	5.30
1116	Ambient following SCT setpoint, 70°F minimum	Food Sales	WS	Refrigeration	Standard air-cooled multiplex system, SCT control temp by vintage	design cool tons	16.0	$51	1,373	0.02	13.28
1117	Wetbulb following SCT setpoint, 70°F minimum	Food Sales	WS	Refrigeration	Standard evap-cooled multiplex system, SCT control temp by vinta	design cool tons	16.0	$50	2,159	0.14	22.38
1118	Cycle fan off with thermostat; duty cycle occasionally when c	Food Sales	WS	Refrigeration	Evaporator fan runs continuously, psc or sp motor based on vintag	Motor	16.0	$146	616	0.07	2.26
1119	Adds an 85°F holdback valve, active only when needed	Food Sales	WS	Refrigeration	Standard air-cooled multiplex system, no heat reclaim	1000 sqft sales are	16.0	$1	0	0.00	0.06

ICF ID	Efficient Technology	Sub Division	Weather Sens?	End Use	Base Efficiency Definition	Unit Name	Measure Life	Total Incremental Cost	Annual kWh Savings	Annual kW Coincident Peak Savings	TRC
1120	Cover open MT cases between 1-5 a.m.	Food Sales	WS	Refrigeration	Open cases with no night cover	display fixture lengt	5.0	$38	18	0.00	0.09
1121	Upgrade from 53 Btu/Watt @ 10°F TD to 85 Btu/Watt	Food Sales	WS	Refrigeration	Multiplex air cooled condenser of vintage-dependent size, efficienc	design cool tons	15.0	$140	1,246	0.17	4.66
1122	Substitute high efficiency motors for standard efficiency	Food Sales	WS	Refrigeration	Utilizes a shaded-pole motor	fixture linear ft, LinF	15.0	$7	114	0.02	8.81
1123	Reduce design SCT by ~5°F and improve efficiency	Food Sales	WS	Refrigeration	Multiplex evaporative condenser of vintage-dependent size, efficie	design cool tons	15.0	$87	1,803	0.25	10.89
1124	Replace multiplex air-cooled condenser with evaporative cor	Food Sales	WS	Refrigeration	Multiplex air cooled condenser of vintage-dependent size, efficienc	design cool tons	15.0	$696	1,467	0.59	1.35
1125	Substitute high efficiency motors for standard efficiency	Food Sales	WS	Refrigeration	Utilizes a shaded-pole motor	num motors	15.0	$91	443	0.05	2.52
1126	Addition of LT and MT subcoolers to an air-cooled multiplex	Food Sales	WS	Refrigeration	Standard air-cooled multiplex system, no subcool <1992, 70F subc	design cool tons	10.0	$648	900	0.20	0.58
1127	Addition of a LT subcooler to an air-cooled multiplex	Food Sales	WS	Refrigeration	Standard air-cooled multiplex system, no subcool <1992, 70F subc	design cool tons, L	10.0	$419	1,557	0.31	1.53
1128	Install automatic door closer on walk-in cooler doors	Food Sales	WS	Refrigeration	No door closer	Per cooler, Cooler	8.0	$433	1,026	0.14	0.78
1129	Install automatic door closer on walk-in freezer doors	Food Sales	WS	Refrigeration	No door closer	Per freezer, Freeze	8.0	$433	2,687	0.37	2.03
1130	Replace single-compressor system with subcooled multiplex	Food Sales	WS	Refrigeration	Single-compressor system, air-cooled condensers of vintage-depe	design cool tons	10.0	$2,880	3,102	0.29	0.41
1131	Replace single-compressor system with subcooled multiplex	Food Sales	WS	Refrigeration	Single-compressor system, air-cooled condensers of vintage-depe	design cool tons	10.0	$2,677	3,628	0.62	0.55
1132	Replace single-compressor system with subcooled multiplex	Food Sales	WS	Refrigeration	Single-compressor system, air-cooled condensers of vintage-depe	design cool tons	10.0	$3,053	3,442	0.38	0.43
1133	Replace single-compressor system with subcooled multiplex	Food Sales	WS	Refrigeration	Single-compressor system, air-cooled condensers of vintage-depe	design cool tons	10.0	$2,788	3,847	0.67	0.56
1134	Replace open MT case with new case with doors	Food Sales	WS	Refrigeration	Open cases with no night cover	fixture linear ft, LinF	12.0	$845	188	0.02	0.10
1135	Retrofit glass doors on open MT cases; additional lighting	Food Sales	WS	Refrigeration	Open cases with no night cover	fixture linear ft, LinF	12.0	$614	170	0.02	0.12
1136	Eliminate anti-sweat heaters from doors	Food Sales	WS	Refrigeration	Standard air-cooled multiplex, with door and frame heaters, 214W/	Per Door, Door	16.0	$28	244	0.16	6.78
1137	New HomeRefrigerator - ENERGY STAR	All Residential	NWS	Refrigerator	New Home Refrigerator - Inefficient	Refrigerator	15.0	$100	79	0.01	0.40
1138	New Home 6 indoor + 2 outdoor CFLs	All Residential	NWS	Lighting	New Home Inefficient Lighting	1 Package	7.0	$150	782	0.09	1.52
1139	Air Conditioner - SEER 14 + Programmable Thermostat	All Residential	NWS	Cooling	Air Conditioner - inefficient	1 Package	14.0	$100	366	0.61	4.24
1140	New Home Improved thermal envelope	All Residential	NWS	Cooling	New Home Inefficient Envelope	1 Package	20.0	$1,500	432	0.72	0.42
1141	Dishwasher - ENERGY STAR	All Residential	NWS	Dishwasher	Dishwasher - inefficient	1 Dishwasher	12.0	$100	62	0.01	0.29
1142	New Home ENERGY STAR Bathroom Exhaust Fan	All Residential	NWS	Electric Miscellaneous	New Home Inefficient Bathroom Exhaust Fan	Fan	15.0	$150	89	0.01	0.30
1143	90% AFUE furnace w/ efficient air handler	All Residential	NWS	Electric Miscellaneous	Inefficient Furnace	1 Furnace	15.0	$200	400	0.05	1.02
1144	Retrofit Refrigerator - ENERGY STAR	All Residential	NWS	Refrigerator	Retrofit Refrigerator - Inefficient	Refrigerator	15.0	$500	79	0.01	0.08
1145	Advanced Lighting Package (10 CFL Fixtures at 3 hrs/day)	All Residential	NWS	Lighting	Inefficient Lighting Package	1 Package	7.0	$300	663	0.08	0.65
1146	ENERGY STAR Bathroom Exhaust Fan	All Residential	NWS	Electric Miscellaneous	Inefficient Bathroom Exhaust Fan	Fan	15.0	$200	89	0.01	0.23
1147	Dishwasher - ENERGY STAR	All Residential	NWS	Dishwasher	Dishwasher - inefficient	1 Dishwasher	12.0	$250	62	0.01	0.12
1148	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential	NWS	Cooling	Air Conditioner - inefficient	1 Package	14.0	$500	528	0.88	1.22
1149	WindowAir Conditioner - ENERGY STAR	All Residential	NWS	Cooling	Window Air Conditioner - inefficient	1 Unit	12.0	$75	176	0.29	2.43
1150	Improved thermal envelope	All Residential	NWS	Cooling	Inefficient thermal envelope	1 Package	20.0	$1,500	216	0.36	0.21
1151	New HomeRefrigerator - ENERGY STAR	All Residential	NWS	Refrigerator	New Home Refrigerator - Inefficient	Refrigerator	15.0	$100	79	0.01	0.40
1152	New Home 6 indoor + 2 outdoor CFLs	All Residential	NWS	Lighting	New Home Inefficient Lighting	1 Package	7.0	$150	782	0.09	1.51
1153	New Home ENERGY STAR Bathroom Exhaust Fan	All Residential	NWS	Electric Miscellaneous	New Home Inefficient Bathroom Exhaust Fan	Fan	15.0	$150	89	0.01	0.30
1154	Dishwasher - ENERGY STAR	All Residential	NWS	Dishwasher	Dishwasher - inefficient	1 Dishwasher	12.0	$100	62	0.01	0.29
1155	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential	NWS	Cooling	Air Conditioner - inefficient	1 Package	14.0	$500	528	0.88	0.71
1156	WindowAir Conditioner - ENERGY STAR	All Residential	NWS	Cooling	Window Air Conditioner - inefficient	1 Unit	12.0	$75	176	0.29	1.41
1157	Improved thermal envelope	All Residential	NWS	Cooling	Inefficient thermal envelope	1 Package	20.0	$1,500	216	0.36	0.12
1158	90% AFUE furnace w/ efficient air handler	All Residential	NWS	Electric Miscellaneous	Inefficient Furnace	1 Furnace	15.0	$200	400	0.05	1.02
1159	15W CFL	All Residential	NWS	Lighting	60W Incandescent	Lamp	7.0	$2	79	0.00	14.07
1160	20W CFL	All Residential	NWS	Lighting	75W Incandescent	Lamp	7.0	$2	80	0.00	10.69
1161	25W CFL	All Residential	NWS	Lighting	100W Incandescent	Lamp	7.0	$3	99	0.00	10.58
1162	15W CFL daylight	All Residential	NWS	Lighting	60W Incandescent	Lamp	7.0	$2	79	0.00	10.56
1163	20W CFL daylight	All Residential	NWS	Lighting	75W Incandescent	Lamp	7.0	$3	80	0.00	8.55
1164	13W capsule	All Residential	NWS	Lighting	60W Incandescent	Lamp	7.0	$5	39	0.00	2.08
1165	16W CFL reflector	All Residential	NWS	Lighting	60W Incandescent	Lamp	7.0	$9	84	0.00	2.49
1166	Refrigerator - ENERGY STAR	All Residential	NWS	Refrigerator	Refrigerator - Inefficient	Refrigerator	15.0	$500	554	0.06	0.57
1167	12 CFLs at 3 hours per day	All Residential	NWS	Lighting	Inefficient Lighting	1 Package	7.0	$45	594	0.07	3.86
1168	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential	NWS	Cooling	Air Conditioner - inefficient	1 Package	14.0	$2,500	1,643	2.74	0.76
1169	WindowAir Conditioner - ENERGY STAR	All Residential	NWS	Cooling	Window Air Conditioner - inefficient	1 Unit	12.0	$275	283	0.47	1.07
1170	Public Sector Custom - Efficient Technologies	Assembly	NWS	Electric Miscellaneous	Public Sector Custom - Base Technologies	1 Building	15.0	$0	1	0.00	3.28
1171	Ceiling Mounted Motion Sensor	Office - Large	NWS	Lighting - Interior	No Ceiling Mounted Motion Sensor	1 Sensor	8.0	$262	713	0.59	1.42
1172	New Construction Upgrades from Base	Office - Large	WS	Electric Miscellaneous	Base New Construction Building	1 building	20.0	$65,557	301,401	96.26	3.47
1173	New Construction Upgrades from ASHRAE 90.1-1999	Office - Large	WS	Electric Miscellaneous	ASHRAE 90.1-1999 Construction Building	1 building	20.0	$45,000	101,176	50.32	1.94
1174	New Construction Upgrades from ASHRAE 90.1-2004	Office - Large	WS	Electric Miscellaneous	ASHRAE 90.1-2004 Construction Building	1 building	20.0	$45,000	99,076	49.88	1.90
1175	Christmas Lights LED Mini Lights - 25 count	Service	NWS	Lighting - Exterior	Christmas Lights Incandescant Mini Lights - 25 count	Lamp	14.0	$5	4	0.00	0.27
1176	Christmas Lights LED C7 - 25 count	Service	NWS	Lighting - Exterior	Christmas Lights Incandescant C7 - 25 count	Lamp	14.0	$1	26	0.00	8.04
1177	Christmas Lights LED C9 - 25 count	Service	NWS	Lighting - Exterior	Christmas Lights Incandescant C9 - 25 count	Lamp	14.0	$4	36	0.00	3.25
1178	New Home Advanced Lighting Package	Single Family, Detached	NWS	Lighting	New Home Inefficient Lighting	1 Package	12.0	$450	2,683	0.00	2.43
1179	New Home Advanced Lighting Package	Single Family, Attached	NWS	Lighting	New Home Inefficient Lighting	1 Package	12.0	$375	2,236	0.00	2.43
1180	New Home Advanced Lighting Package	Multi-family	NWS	Lighting	New Home Inefficient Lighting	1 Package	12.0	$225	1,341	0.00	2.43
1181	Proper Refrigerant Charge + Duct Sealing + Manual J Sizing	Single Family, Attached	WS	Cooling	Cooling Performance degraded, standard duct loss, Incorrect Sizin	Home	10.0	$862	244	0.51	0.31
1182	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Attached	WS	Cooling	Refigeration Charge Low (73% SEER value - 8 SEER)	Home	10.0	$134	233	0.42	1.75
1183	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Attached	WS	Cooling	Refigeration Charge Low (73% SEER value - 8 SEER)	Home	10.0	$134	233	0.42	1.75
1184	Sizing (115%)	Single Family, Attached	WS	Cooling	Air Conditioner Sizing (135%)	Home	18.0	$100	95	0.18	1.48
1187	Proper Refrigerant Charge + Duct Sealing + Manual J Sizing	Single Family, Detached	WS	Cooling	Cooling Performance (8 SEER), Duct Loss (15 CFA), Sizing (135%	Home	10.0	$1,108	589	0.01	0.24
1188	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Detached	WS	Cooling	Refigeration Charge Low (73% SEER value - 8 SEER)	Home	10.0	$173	395	0.64	2.18
1189	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Detached	WS	Cooling	Refigeration Charge Low (73% SEER value - 8 SEER)	Home	10.0	$173	395	0.64	2.18

ICF ID	Efficient Technology	Sub Division	Weather Sens?	End Use	Base Efficiency Definition	Unit Name	Measure Life	Total Incremental Cost	Annual kWh Savings	Annual kW Coincident Peak Savings	TRC
1190	Sizing (115%)	Single Family, Detached	WS	Cooling	Air Conditioner Sizing (135%)	Home	18.0	$100	174	0.27	2.44
1191	Duct Sealing (7CFA)	Single Family, Detached	WS	Cooling	Supply/return/OA leakage = Total 15 CFA	Home	18.0	$486	197	0.59	0.85
1192	Duct Sealing (7CFA)	Single Family, Detached	WS	Cooling	Supply/return/OA leakage = Total 20 CFA	Home	18.0	$486	329	0.98	1.41
1193	Proper Refrigerant Charge + Manual J Sizing	Multi-family	WS	Cooling	Cooling Performance degraded, standard duct loss, Incorrect Sizin	Home	10.0	$246	75	0.08	0.24
1194	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Multi-family	WS	Cooling	Refigeration Charge Low (73% SEER value - 8 SEER)	Home	10.0	$38	85	0.16	2.33
1195	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Multi-family	WS	Cooling	Refigeration Charge Low (73% SEER value - 8 SEER)	Home	10.0	$38	85	0.16	2.33
1196	Sizing (115%)	Multi-family	WS	Cooling	Air Conditioner Sizing (135%)	Home	18.0	$50	29	0.06	0.95
1199	Custom Lighting	Service	NWS	Lighting - Interior	No Custom Lighting	Utility Service Terri	10.0	$100,000	2,000,000	380.52	8.79
1200	Load control switch	Single Family, Detached	WS	Cooling	No load control switch	Home	15.0	$155	12	1.45	3.99
1204	1 LEED Point (11% above code)	Education	NWS	Electric Miscellaneous	LEED Silver School	1 School	20.0	$0	1	0.00	0.00
1205	2 LEED Points (14% above code)	Education	NWS	Electric Miscellaneous	LEED Silver School	1 School	20.0	$0	1	0.00	0.00
1206	4 LEED Points (21% above code)	Education	NWS	Electric Miscellaneous	LEED Silver School	1 School	20.0	$1	2	0.00	0.97
1207	5 LEED Points (25% above code)	Education	NWS	Electric Miscellaneous	LEED Silver School	1 School	20.0	$1	2	0.00	0.81
1208	7 LEED Points (32% above code)	Education	NWS	Electric Miscellaneous	LEED Silver School	1 School	20.0	$2	3	0.00	0.66
1209	0 LEED Points (10% above code)	Assembly	NWS	Electric Miscellaneous	At Code Assembly Building	1 Building	20.0	$0	1	0.00	0.00
1210	1 LEED Point (15% above code)	Assembly	NWS	Electric Miscellaneous	At Code Assembly Building	1 Building	20.0	$0	2	0.00	0.00
1211	2 LEED Points (20% above code)	Assembly	NWS	Electric Miscellaneous	At Code Assembly Building	1 Building	20.0	$0	3	0.00	5.64
1212	3 LEED Points (25% above code)	Assembly	NWS	Electric Miscellaneous	At Code Assembly Building	1 Building	20.0	$1	4	0.00	3.52
1213	4 LEED Point (30% above code)	Assembly	NWS	Electric Miscellaneous	At Code Assembly Building	1 Building	20.0	$2	4	0.00	1.41
1214	Lights for Learning CFL	Single Family, Detached	NWS	Lighting	No Lights for Learning	0	7.0	$103,676	3,504,220	0.00	9.03
1215	Base Compressed Air	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.00
1216	Compressed Air-O&M	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	7.11
1217	Compressed Air - Controls	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	2.99
1218	Compressed Air - System Optimization	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	5.34
1219	Compressed Air- Sizing	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	8.54
1220	Comp Air - Replace 1-5 HP motor	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.61
1221	Comp Air - ASD (1-5 hp)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.47
1222	Comp Air - Motor practices-1 (1-5 HP)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	1.29
1223	Comp Air - Replace 6-100 HP motor	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.50
1224	Comp Air - ASD (6-100 hp)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	10.74
1225	Comp Air - Motor practices-1 (6-100 HP)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.94
1226	Comp Air - Replace 100+ HP motor	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	6.0	$0	0	0.00	0.98
1227	Comp Air - ASD (100+ hp)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	6.0	$0	0	0.00	3.14
1228	Comp Air - Motor practices-1 (100+ HP)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	6.0	$0	0	0.00	1.96
1229	Power recovery	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.00
1230	Refinery Controls	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.00
1231	Energy Star Transformers	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	25.0	$0	0	0.00	0.00
1232	Base Fans	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.00
1233	Fans - O&M	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	8.54
1234	Fans - Controls	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.39
1235	Fans - System Optimization	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.51
1236	Fans- Improve components	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	4.27
1237	Fans - Replace 1-5 HP motor	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.61
1238	Fans - ASD (1-5 hp)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.47
1239	Fans - Motor practices-1 (1-5 HP)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	1.29
1240	Fans - Replace 6-100 HP motor	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.50
1241	Fans - ASD (6-100 hp)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	10.74
1242	Fans - Motor practices-1 (6-100 HP)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.94
1243	Fans - Replace 100+ HP motor	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	6.0	$0	0	0.00	0.98
1244	Fans - ASD (100+ hp)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	6.0	$0	0	0.00	3.14
1245	Fans - Motor practices-1 (100+ HP)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	6.0	$0	0	0.00	1.96
1246	Optimize drying process	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.00
1247	Power recovery	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.00
1248	Refinery Controls	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.00
1249	Energy Star Transformers	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	25.0	$0	0	0.00	0.00
1250	Base Pumps	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.00
1251	Pumps - O&M	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	8.54
1252	Pumps - Controls	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	4.74
1253	Pumps - System Optimization	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	2.13
1254	Pumps - Sizing	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	4.27
1255	Pumps - Replace 1-5 HP motor	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.61
1256	Pumps - ASD (1-5 hp)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.47
1257	Pumps - Motor practices-1 (1-5 HP)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	1.29
1258	Pumps - Replace 6-100 HP motor	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.50
1259	Pumps - ASD (6-100 hp)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	10.74
1260	Pumps - Motor practices-1 (6-100 HP)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.94

ICF ID	Efficient Technology	Sub Division	Weather Sens?	End Use	Base Efficiency Definition	Unit Name	Measure Life	Total Incremental Cost	Annual kWh Savings	Annual kW Coincident Peak Savings	TRC
1261	Pumps - Replace 100+ HP motor	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	6.0	$0	0	0.00	0.98
1262	Pumps - ASD (100+ hp)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	6.0	$0	0	0.00	3.14
1263	Pumps - Motor practices-1 (100+ HP)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	6.0	$0	0	0.00	1.96
1264	Power recovery	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.00
1265	Refinery Controls	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.00
1266	Energy Star Transformers	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	25.0	$0	0	0.00	0.00
1267	Base Drives	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	20.0	$0	0	0.00	0.00
1268	Bakery - Process (Mixing) - O&M	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	8.54
1269	O&M/drives spinning machines	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.93
1270	Air conveying systems	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	14.0	$0	0	0.00	5.31
1271	Replace V-Belts	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	3.87
1272	Drives - EE motor	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	2.15
1273	Gap Forming papermachine	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	20.0	$0	0	0.00	6.05
1274	High Consistency forming	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	20.0	$0	0	0.00	6.05
1275	Optimization control PM	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.55
1276	Efficient practices printing press	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	20.0	$0	0	0.00	6.05
1277	Efficient Printing press (fewer cylinders)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.29
1278	Light cylinders	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.55
1279	Efficient drives	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	2.42
1280	Clean Room - Controls	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.76
1281	Clean Room - New Designs	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.88
1282	Drives - Process Controls (batch + site)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.29
1283	Process Drives - ASD	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.25
1284	O&M - Extruders/Injection Moulding	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	12.0	$0	0	0.00	8.81
1285	Extruders/injection Moulding-multipump	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	12.0	$0	0	0.00	1.34
1286	Direct drive Extruders	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	12.0	$0	1	0.00	0.72
1287	Injection Moulding - Impulse Cooling	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	12.0	$0	0	0.00	1.34
1288	Injection Moulding - Direct drive	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	12.0	$0	0	0.00	0.91
1289	Efficient grinding	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.46
1290	Process control	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	3.87
1291	Process optimization	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.29
1292	Drives - Process Control	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	1.70
1293	Efficient drives - rolling	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	2.42
1294	Drives - Optimization process (M&T)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	4.83
1295	Drives - Scheduling	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	2.11
1296	Machinery	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	2.15
1297	Efficient Machinery	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	2.15
1298	Energy Star Transformers	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	25.0	$0	0	0.00	0.00
1299	Base Heating	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	20.0	$0	0	0.00	0.00
1300	Bakery - Process	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	4.19
1301	Drying (UV/IR)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	8.0	$0	0	0.00	1.14
1302	Heat Pumps - Drying	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.64
1303	Top-heating (glass)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	8.0	$0	0	0.00	3.26
1304	Efficient electric melting	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	20.0	$0	0	0.00	1.84
1305	Intelligent extruder (DOE)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	0.48
1306	Near Net Shape Casting	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	5.11
1307	Heating - Process Control	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	1.70
1308	Efficient Curing ovens	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	1.28
1309	Heating - Optimization process (M&T)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	4.83
1310	Heating - Scheduling	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	2.11
1311	Energy Star Transformers	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	25.0	$0	0	0.00	0.00
1312	Base Refrigeration	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	20.0	$0	0	0.00	0.00
1313	Efficient Refrigeration - Operations	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	7.11
1314	Optimization Refrigeration	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	1.35
1315	Energy Star Transformers	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	25.0	$0	0	0.00	0.00
1316	Base Other Process	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	0.00
1317	Other Process Controls (batch + site)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.29
1318	Efficient desalter	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.93
1319	New transformers welding	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	2.55
1320	Efficient processes (welding, etc.)	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	2.55
1321	Process control	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	15.0	$0	0	0.00	1.28
1322	Power recovery	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	1.29
1323	Refinery Controls	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	10.0	$0	0	0.00	2.58
1324	Energy Star Transformers	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	25.0	$0	0	0.00	0.00
1325	Replace V-belts	Industrial	NWS	Electric Miscellaneous	Base Measure - Existing	1 kWh	5.0	$0	0	0.00	2.36

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
1	Efficient Clothes Dryer	All Residential	3,330,594	1	71.0%	100%	100%	5.6%	131,373	0	Residential Appliances	
2	Efficient Clothes Dryer	All Residential	3,330,594	1	29.0%	100%	100%	5.6%	53,660	0	Residential Appliances	
3	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
4	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
5	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
6	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
7	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
8	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
9	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
10	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
11	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
12	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
13	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
14	Energy Star Clothes Washer - 1.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
15	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	1	Residential Appliances	
16	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
17	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
18	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
19	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
20	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
21	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
22	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
23	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
24	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
25	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
26	Energy Star Clothes Washer - 2.65 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
27	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	1	Residential Appliances	
28	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
29	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
30	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
31	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
32	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
33	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
34	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
35	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
36	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	4%	95%	7.1%	8,859	0	Residential Appliances	
37	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
38	Energy Star Clothes Washer - 3.5 cf	All Residential	3,330,594	1	98.0%	96%	95%	7.1%	212,625	0	Residential Appliances	
39	25W CFL Table Lamp	All Residential	3,330,594	1	15.0%	100%	95%	100.0%	474,610	1	Residential Lighting	CFL Table Lamp
40	30W CFL Table Lamp	All Residential	3,330,594	1	15.0%	100%	95%	100.0%	474,610	1	Residential Lighting	CFL Table Lamp
41	55W CFL Table Lamp	All Residential	3,330,594	1	15.0%	100%	95%	100.0%	474,610	1	Residential Lighting	CFL Table Lamp
42	70W CFL Torchiere (two LAMPs)	All Residential	3,330,594	1	15.0%	100%	95%	100.0%	474,610	1	Residential Lighting	CFL Torchiere
43	20W CFL Table Lamp	All Residential	3,330,594	1	15.0%	100%	95%	100.0%	474,610	1	Residential Lighting	CFL Table Lamp
44	55W CFL Torchiere	All Residential	3,330,594	1	15.0%	100%	95%	100.0%	474,610	1	Residential Lighting	CFL Torchiere
45	30 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
46	36 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
47	40 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
48	28 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
49	14 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
50	25 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
51	25 Watt Integral CFL	All Residential	3,330,594	5	100.0%	80%	95%	100.0%	12,656,257	1	Residential Lighting	CFL
52	26 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
53	26 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
54	15 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
55	13 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
56	13 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
57	16 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
58	16 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
59	20 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
60	55 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
61	18 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
62	65 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
63	23 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
64	26 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
65	40 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
66	28 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
67	25 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
68	26 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
69	15 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
70	14 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
71	25 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
72	19 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
73	18 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
74	20 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
75	18 Watt Integral CFL	All Residential	3,330,594	5	100.0%	80%	95%	100.0%	12,656,257	1	Residential Lighting	CFL
76	23 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
77	30 Watt Modular CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	0	Residential Lighting	CFL
78	19 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
79	18 Watt Integral CFL	All Residential	3,330,594	0	100.0%	80%	95%	100.0%	0	1	Residential Lighting	CFL
80	13 Watt Integral CFL	All Residential	3,330,594	10	100.0%	80%	95%	100.0%	25,312,514	1	Residential Lighting	CFL
81	13 Watt Integral CFL	All Residential	3,330,594	10	100.0%	80%	95%	100.0%	25,312,514	1	Residential Lighting	CFL
82	Efficient Two Speed Pool Pump	All Residential	3,330,594	1	1.0%	100%	90%	10.0%	2,998	1	Residential Appliances	
83	Efficient Single Speed Pool Pump	All Residential	3,330,594	1	1.0%	100%	90%	10.0%	2,998	1	Residential Appliances	
84	Refrigerator: Side Mount Freezer	All Residential	3,330,594	1	100.0%	100%	95%	5.6%	175,781	0	Residential Appliances	
85	Refrigerator: Side Mount Freezer	All Residential	3,330,594	1	100.0%	100%	95%	5.6%	175,781	0	Residential Appliances	
86	Refrigerator: Side Mount Freezer	All Residential	3,330,594	1	100.0%	100%	95%	5.6%	175,781	0	Residential Appliances	
87	Refrigerator: Side Mount Freezer	All Residential	3,330,594	1	100.0%	100%	95%	5.6%	175,781	0	Residential Appliances	
88	Refrigerator: Bottom Mount Freezer	All Residential	3,330,594	1	100.0%	100%	95%	5.6%	175,781	1	Residential Appliances	
89	Refrigerator: Top Mount Freezer	All Residential	3,330,594	1	100.0%	100%	95%	5.6%	175,781	0	Residential Appliances	
90	Refrigerator: Bottom Mount Freezer	All Residential	3,330,594	1	100.0%	100%	95%	5.6%	175,781	0	Residential Appliances	
91	Refrigerator: Top Mount Freezer	All Residential	3,330,594	1	100.0%	100%	95%	5.6%	175,781	1	Residential Appliances	
92	Refrigerator Recycling	Single Family, Detached	2,210,530	1	25.0%	100%	100%	100.0%	552,633	1	Appliance Recycling Program	Refrigerator
93	Freezer Recycling	Single Family, Detached	2,210,530	1	25.0%	10%	100%	100.0%	55,263	1	Appliance Recycling Program	Freezer
94	Window AC - efficient	Single Family, Detached	2,210,530	1	3.8%	100%	95%	100.0%	79,800	1	Appliance Recycling Program	Refrigerator
95	Energy Star Dish Washer	Single Family, Detached	2,210,530	1	77.0%	100%	96%	7.7%	125,694	0	Residential Appliances	
96	Energy Star Dish Washer	Single Family, Attached	158,719	1	77.0%	100%	96%	7.7%	9,025	0	Residential Appliances	
97	Energy Star Dish Washer	Multi-family	153,047	1	90.0%	100%	90%	7.7%	9,536	0	Residential Multifamily "All Electric" S	
98	13 SEER (11.09 EER) Split System Air Conditioner	Single Family, Detached	2,210,530	1	90.3%	100%	95%	100.0%	1,896,303	0	Residential New HVAC	
99	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Detached	2,210,530	1	90.3%	100%	95%	100.0%	1,896,303	0	Residential New HVAC	
100	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Detached	2,210,530	1	90.3%	100%	95%	100.0%	1,896,303	0	Residential New HVAC	
101	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Detached	2,210,530	1	90.3%	100%	95%	100.0%	1,896,303	0	Residential New HVAC	
102	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Detached	2,210,530	1	90.3%	100%	95%	100.0%	1,896,303	0	Residential New HVAC	
103	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Detached	2,210,530	1	90.3%	100%	95%	100.0%	1,896,303	0	Residential New HVAC	
104	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Detached	2,210,530	1	90.3%	100%	95%	5.6%	105,350	1	Residential New HVAC	
105	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Detached	2,210,530	1	90.3%	100%	95%	5.6%	105,350	0	Residential New HVAC	
106	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Detached	2,210,530	1	90.3%	100%	95%	5.6%	105,350	0	Residential New HVAC	
107	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Detached	2,210,530	1	90.3%	100%	95%	5.6%	105,350	0	Residential New HVAC	
108	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Detached	2,210,530	1	90.3%	100%	95%	5.6%	105,350	0	Residential New HVAC	
109	Condensing 96 AFUE (1.03 HIR) Furnace	Single Family, Detached	2,210,530	1	92.5%	100%	95%	5.6%	107,917	0	Residential New HVAC	
111	Infiltration of 0.5 Air Changes per Hour	Single Family, Detached	2,210,530	1	96.4%	100%	90%	10.0%	191,786	0	Residential AC Tuneup	
112	Programmable Thermostat	Single Family, Detached	2,210,530	1	100.0%	100%	53%	8.3%	97,632	0	Single Family Home Performance	
113	Whole House Fans	Single Family, Detached	2,210,530	1	100.0%	100%	90%	6.7%	132,632	0	Residential New HVAC	
114	Wall R-5 Shealthing Vinyl Replacement	Single Family, Detached	2,210,530	1	90.0%	14%	27%	5.0%	3,760	0	Single Family Home Performance	
115	Ceiling Vintage to R-30 Insulation-Blown In	Single Family, Detached	2,210,530	1	100.0%	100%	9%	5.0%	9,947	0	Single Family Home Performance	
116	Ceiling Vintage to R-38 Insulation-Batts	Single Family, Detached	2,210,530	1	100.0%	100%	9%	5.0%	9,947	0	Single Family Home Performance	
117	Bsmt Wall R-0 to R-13 Insulation Batts	Single Family, Detached	2,210,530	1	75.7%	44%	88%	5.0%	32,409	0	Single Family Home Performance	
118	Bsmt Wall R-0 to R-19 Insulation Batts	Single Family, Detached	2,210,530	1	75.7%	44%	88%	5.0%	32,409	0	Single Family Home Performance	
121	U-0.35 / SHGC-0.40 (tint) Window	Single Family, Detached	2,210,530	1	100.0%	100%	36%	10.0%	79,579	0	Single Family Home Performance	
122	Home Performance with Energy Star	Single Family, Detached	2,210,530	1	100.0%	100%	90%	5.0%	99,474	0	Single Family Home Performance	
123	ENERGY STAR Home	Single Family, Detached	2,210,530	1	0.1%	100%	100%	100.0%	3,108	0	ENERGY STAR Homes Program	
124	Window AC - efficient	Single Family, Detached	2,210,530	1	3.8%	100%	95%	5.0%	3,990	0	Residential Appliances	
125	0.93 EF	Single Family, Detached	2,210,530	1	3.8%	100%	93%	5.0%	3,889	0	Residential Appliances	
126	DHW wrap R-4	Single Family, Detached	2,210,530	1	4.0%	100%	90%	100.0%	79,225	1	Single Family Home Performance	
127	Hot Water Pipe Insulation	Single Family, Detached	2,210,530	1	4.0%	100%	71%	100.0%	62,956	1	Single Family Home Performance	
128	Low Flow Shower Heads	Single Family, Detached	2,210,530	1	4.0%	100%	96%	100.0%	84,884	1	Single Family Home Performance	
129	13 SEER (11.09 EER) Split System Air Conditioner	Single Family, Attached	158,719	1	90.3%	100%	95%	100.0%	136,157	0	Residential New HVAC	
130	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Attached	158,719	1	90.3%	100%	95%	100.0%	136,157	0	Residential New HVAC	
131	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Attached	158,719	1	90.3%	100%	95%	100.0%	136,157	0	Residential New HVAC	
132	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Attached	158,719	1	90.3%	100%	95%	100.0%	136,157	0	Residential New HVAC	
133	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Attached	158,719	1	90.3%	100%	95%	100.0%	136,157	0	Residential New HVAC	
134	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Attached	158,719	1	90.3%	100%	95%	100.0%	136,157	0	Residential New HVAC	
135	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Attached	158,719	1	90.3%	100%	95%	5.6%	7,564	1	Residential New HVAC	

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
136	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Attached	158,719	1	90.3%	100%	95%	5.6%	7,564	0	Residential New HVAC	
137	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Attached	158,719	1	90.3%	100%	95%	5.6%	7,564	0	Residential New HVAC	
138	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Attached	158,719	1	90.3%	100%	95%	5.6%	7,564	0	Residential New HVAC	
139	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Attached	158,719	1	90.3%	100%	95%	5.6%	7,564	0	Residential New HVAC	
140	Condensing 96 AFUE (1.03 HIR) Furnace	Single Family, Attached	158,719	1	92.5%	100%	95%	5.6%	7,749	0	Residential New HVAC	
142	Infiltration of 0.5 Air Changes per Hour	Single Family, Attached	158,719	1	96.4%	100%	90%	10.0%	13,770	0	Residential AC Tuneup	
143	Programmable Thermostat	Single Family, Attached	158,719	1	100.0%	100%	53%	8.3%	7,010	0	Single Family Home Performance	
145	Wall R-5 Shealthing Vinyl Replacement	Single Family, Attached	158,719	1	90.0%	14%	27%	5.0%	270	0	Single Family Home Performance	
146	Ceiling Vintage to R-30 Insulation-Blown In	Single Family, Attached	158,719	1	100.0%	100%	9%	5.0%	714	0	Single Family Home Performance	
147	Ceiling Vintage to R-38 Insulation-Batts	Single Family, Attached	158,719	1	100.0%	100%	9%	5.0%	714	0	Single Family Home Performance	
152	U-0.35 / SHGC-0.40 (tint) Window	Single Family, Attached	158,719	1	100.0%	100%	36%	10.0%	5,714	0	Single Family Home Performance	
153	Home Performance with Energy Star	Single Family, Attached	158,719	1	100.0%	100%	90%	5.0%	7,142	0	Single Family Home Performance	
154	ENERGY STAR Home	Single Family, Attached	158,719	1	0.1%	100%	100%	100.0%	223	0	ENERGY STAR Homes Program	
155	Window AC - efficient	Single Family, Attached	158,719	1	3.8%	100%	95%	5.0%	286	0	Residential Appliances	
156	0.93 EF	Single Family, Attached	158,719	1	3.8%	100%	93%	5.0%	279	0	Residential Appliances	
157	DHW wrap R-4	Single Family, Attached	158,719	1	4.0%	100%	90%	100.0%	5,688	1	Single Family Home Performance	
158	Hot Water Pipe Insulation	Single Family, Attached	158,719	1	4.0%	100%	71%	100.0%	4,520	1	Single Family Home Performance	
159	Low Flow Shower Heads	Single Family, Attached	158,719	1	4.0%	100%	96%	100.0%	6,095	1	Single Family Home Performance	
160	13 SEER (11.09 EER) Split System Air Conditioner	Multi-family	961,345	1	90.3%	100%	95%	100.0%	824,690	0	Residential New HVAC	
161	14 SEER (11.99 EER) Split-System Air Conditioner	Multi-family	961,345	1	90.3%	100%	95%	100.0%	824,690	0	Residential New HVAC	
162	15 SEER (12.72 EER) Split-System Air Conditioner	Multi-family	961,345	1	90.3%	100%	95%	100.0%	824,690	0	Residential New HVAC	
163	16 SEER (11.61 EER) Split System Air Conditioner	Multi-family	961,345	1	90.3%	100%	95%	100.0%	824,690	0	Residential New HVAC	
164	17 SEER (12.28 EER) Split-System Air Conditioner	Multi-family	961,345	1	90.3%	100%	95%	100.0%	824,690	0	Residential New HVAC	
165	18 SEER (13.37 EER) Split-System Air Conditioner	Multi-family	961,345	1	90.3%	100%	95%	100.0%	824,690	0	Residential New HVAC	
166	14 SEER (11.99 EER) Split-System Air Conditioner	Multi-family	961,345	1	90.3%	100%	95%	5.6%	45,816	1	Residential New HVAC	
167	15 SEER (12.72 EER) Split-System Air Conditioner	Multi-family	961,345	1	90.3%	100%	95%	5.6%	45,816	0	Residential New HVAC	
168	16 SEER (11.61 EER) Split System Air Conditioner	Multi-family	961,345	1	90.3%	100%	95%	5.6%	45,816	0	Residential New HVAC	
169	17 SEER (12.28 EER) Split-System Air Conditioner	Multi-family	961,345	1	90.3%	100%	95%	5.6%	45,816	0	Residential New HVAC	
170	18 SEER (13.37 EER) Split-System Air Conditioner	Multi-family	961,345	1	90.3%	100%	95%	5.6%	45,816	0	Residential New HVAC	
171	Condensing 96 AFUE (1.03 HIR) Furnace	Multi-family	961,345	1	92.5%	100%	95%	5.6%	46,932	0	Residential New HVAC	
173	Infiltration of 0.5 Air Changes per Hour	Multi-family	153,047	1	96.4%	100%	90%	10.0%	13,278	0	Residential Multifamily "All Electric" S	
174	Programmable Thermostat	Multi-family	153,047	1	100.0%	100%	53%	8.3%	6,760	0	Residential Multifamily "All Electric" S	
175	Wall R-5 Shealthing Vinyl Replacement	Multi-family	153,047	1	90.0%	14%	27%	5.0%	260	0	Residential Multifamily "All Electric" S	
176	U-0.35 / SHGC-0.40 (tint) Window	Multi-family	153,047	1	100.0%	100%	36%	10.0%	5,510	0	Residential Multifamily "All Electric" S	
177	Home Performance with Energy Star	Multi-family	153,047	1	100.0%	100%	90%	5.0%	6,887	0	Residential Multifamily "All Electric" S	
178	ENERGY STAR Home	Multi-family	153,047	1	0.1%	100%	100%	100.0%	215	0	ENERGY STAR Homes Program	
179	Window AC - efficient	Multi-family	153,047	1	3.8%	100%	95%	5.0%	276	0	Residential Appliances	
180	0.93 EF	Multi-family	153,047	1	3.8%	100%	93%	5.0%	269	0	Residential Multifamily "All Electric" S	
181	DHW wrap R-4	Multi-family	153,047	1	100.0%	100%	90%	100.0%	137,130	1	Residential Multifamily "All Electric" S	
183	Faucet aerators	Multi-family	153,047	1	100.0%	100%	71%	100.0%	108,969	1	Residential Multifamily "All Electric" S	
184	Low Flow Shower Heads	Multi-family	153,047	1	77.0%	100%	96%	100.0%	113,132	1	Residential Multifamily "All Electric" S	
185	18 Watt Integral CFL	Multi-family	153,047	4	100.0%	100%	75%	80.0%	367,313	1	Residential Multifamily "All Electric" S	CFL
186	2 4' T8 32 watt lamps with EB	Multi-family	153,047	1.5	90.0%	50%	90%	50.0%	46,488	1	Residential Multifamily "All Electric" S	4' T8
187	2 4' Super T8 28 watt lamps with EB	Multi-family	153,047	1.5	90.0%	50%	90%	50.0%	46,488	1	Residential Multifamily "All Electric" S	4' T8
188	1 4' T8 32 watt lamps with EB and reflector	Multi-family	153,047	1.5	90.0%	0%	90%	50.0%	0	1	Residential Multifamily "All Electric" S	4' T8
189	2 4' T8 32 watt lamps with EB with dimming system	Multi-family	153,047	1.5	90.0%	0%	90%	50.0%	0	0	Residential Multifamily "All Electric" S	4' T8
190	2 4' T8 32 watt lamps with EB with occupancy sensors	Multi-family	153,047	1.5	90.0%	0%	90%	50.0%	0	1	Residential Multifamily "All Electric" S	4' T8
191	2 4' Super T8 28 watt lamps with EB	Multi-family	153,047	1.5	90.0%	50%	90%	50.0%	46,488	1	Residential Multifamily "All Electric" S	4' T8
192	2 8' T8 59 watt lamps with EB	Multi-family	153,047	1.5	90.0%	50%	90%	50.0%	46,488	0	Residential Multifamily "All Electric" S	8' T8
193	2 8' Super T8 59 watt lamps with EB	Multi-family	153,047	1.5	90.0%	50%	90%	50.0%	46,488	0	Residential Multifamily "All Electric" S	8' T8
194	1 8' T8 59 watt lamps with EB and reflector	Multi-family	153,047	1.5	90.0%	0%	90%	50.0%	0	1	Residential Multifamily "All Electric" S	8' T8
195	2 8' T8 59 watt lamps with EB with dimming system	Multi-family	153,047	1.5	90.0%	0%	90%	50.0%	0	0	Residential Multifamily "All Electric" S	8' T8
196	2 8' T8 59 watt lamps with EB with occupancy sensors	Multi-family	153,047	1.5	90.0%	0%	90%	50.0%	0	0	Residential Multifamily "All Electric" S	8' T8
197	2 8' Super T8 59 watt lamps with EB	Multi-family	153,047	1.5	90.0%	50%	90%	50.0%	46,488	1	Residential Multifamily "All Electric" S	8' T8
198	Electroluminescent Exit Sign (New)	Multi-family	10,000	1	100.0%	100%	75%	25.0%	1,875	1	Residential Multifamily "All Electric" S	
199	Electroluminescent Exit Sign Retrofit Kit	Multi-family	10,000	1	100.0%	100%	75%	25.0%	1,875	1	Residential Multifamily "All Electric" S	
200	LED Exit Sign (New)	Multi-family	10,000	1	100.0%	100%	75%	25.0%	1,875	1	Residential Multifamily "All Electric" S	
201	LED Exit Sign Retrofit Kit	Multi-family	10,000	1	100.0%	100%	75%	25.0%	1,875	1	Residential Multifamily "All Electric" S	
202	Occ-Sensor - Plug loads	Multi-family	10,000	1	100.0%	100%	75%	10.0%	750	0	Residential Multifamily "All Electric" S	
203	Occ-Sensor - Wall box	Multi-family	10,000	1	100.0%	100%	75%	12.5%	938	1	Residential Multifamily "All Electric" S	
204	50W Metal Halide	Office - Large	1,245,119	1	100.0%	100%	75%	6.3%	58,365	1	C&I Prescriptive	
205	75W Metal Halide	Office - Large	1,245,119	1	100.0%	100%	75%	6.3%	58,365	0	C&I Prescriptive	
206	100W Metal Halide	Office - Large	1,245,119	1	100.0%	100%	75%	6.3%	58,365	0	C&I Prescriptive	
207	13 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
208	13 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
209	13 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
210	13 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
211	14 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
212	14 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
213	15 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
214	15 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
215	16 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
216	16 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
217	18 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
218	18 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
219	18 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
220	18 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
221	19 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
222	19 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
223	20 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
224	20 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
225	23 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
226	23 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
227	25 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
228	25 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
229	25 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
230	25 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
231	26 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
232	26 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
233	26 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
234	26 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
235	28 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
236	28 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
237	30 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
238	30 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
239	36 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
240	40 Watt Integral CFL	Office - Large	21,403,955	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
241	40 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
242	55 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
243	65 Watt Modular CFL	Office - Large	21,403,955	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
244	De-lamp from 8', 4 lamp/fixture	Office - Large	3,936,997	1	1.0%	50%	95%	9.1%	1,700	1	C&I Prescriptive	
245	De-lamp from 4', 4 lamp/fixture	Office - Large	3,362,326	1	47.0%	50%	95%	9.1%	68,240	1	C&I Prescriptive	
246	T8 32W Dimming El Ballast	Office - Large	6,727,173	0	100.0%	100%	95%	9.1%	0	0	C&I Prescriptive	
247	Premium T8 El Ballast	Office - Large	6,727,173	0	100.0%	100%	95%	9.1%	0	1	C&I Prescriptive	
248	2 4' T8 32 watt lamps with EB	Office - Large	6,727,173	1	12.0%	90%	95%	9.1%	62,746	0	C&I Prescriptive	4' T8
249	2 4' Super T8 28 watt lamps with EB	Office - Large	6,727,173	1	12.0%	90%	95%	9.1%	62,746	1	C&I Prescriptive	4' T8
250	1 4' T8 32 watt lamps with EB and reflector	Office - Large	6,727,173	1	12.0%	10%	95%	9.1%	6,972	1	C&I Prescriptive	4' T8
251	2 4' T8 32 watt lamps with EB with dimming system	Office - Large	6,727,173	1	12.0%	40%	95%	9.1%	27,887	0	C&I Prescriptive	4' T8
252	2 4' T8 32 watt lamps with EB with occupancy sensors	Office - Large	6,727,173	1	12.0%	40%	95%	9.1%	27,887	1	C&I Prescriptive	4' T8
253	2 4' Super T8 28 watt lamps with EB	Office - Large	6,727,173	1	32.0%	100%	95%	9.1%	185,915	1	C&I Prescriptive	4' T8
254	2 8' T8 59 watt lamps with EB	Office - Large	3,936,997	1	1.0%	90%	95%	9.1%	3,060	0	C&I Prescriptive	8' T8
255	2 8' Super T8 59 watt lamps with EB	Office - Large	3,936,997	1	1.0%	90%	95%	9.1%	3,060	0	C&I Prescriptive	8' T8
256	1 8' T8 59 watt lamps with EB and reflector	Office - Large	3,936,997	1	1.0%	10%	95%	9.1%	340	1	C&I Prescriptive	8' T8
257	2 8' T8 59 watt lamps with EB with dimming system	Office - Large	3,936,997	1	1.0%	40%	95%	9.1%	1,360	0	C&I Prescriptive	8' T8
258	2 8' T8 59 watt lamps with EB with occupancy sensors	Office - Large	3,936,997	1	1.0%	40%	95%	9.1%	1,360	0	C&I Prescriptive	8' T8
259	2 8' Super T8 59 watt lamps with EB	Office - Large	3,936,997	1	32.0%	100%	95%	9.1%	108,804	1	C&I Prescriptive	8' T8
260	50W Metal Halide	Retail - Large	1,776,803	1	100.0%	100%	75%	6.3%	83,288	1	C&I Prescriptive	
261	75W Metal Halide	Retail - Large	1,776,803	1	100.0%	100%	75%	6.3%	83,288	0	C&I Prescriptive	
262	100W Metal Halide	Retail - Large	1,776,803	1	100.0%	100%	75%	6.3%	83,288	1	C&I Prescriptive	
263	13 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
264	13 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
265	13 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
266	13 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
267	14 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
268	14 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
269	15 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
270	15 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
271	16 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
272	16 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
273	18 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
274	18 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
275	18 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
276	18 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
277	19 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
278	19 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
279	20 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
280	20 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
281	23 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
282	23 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
283	25 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
284	25 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
285	25 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
286	25 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
287	26 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
288	26 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
289	26 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
290	26 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
291	28 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
292	28 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
293	30 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
294	30 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
295	36 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
296	40 Watt Integral CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
297	40 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
298	55 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
299	65 Watt Modular CFL	Retail - Large	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
300	De-lamp from 8', 4 lamp/fixture	Retail - Large	9,611,083	1	3.0%	50%	95%	9.1%	12,451	1	C&I Prescriptive	
301	De-lamp from 4', 4 lamp/fixture	Retail - Large	9,611,083	1	25.0%	50%	95%	9.1%	103,756	1	C&I Prescriptive	
302	T8 32W Dimming El Ballast	Retail - Large	9,611,083	0	100.0%	100%	95%	9.1%	0	0	C&I Prescriptive	
303	Premium T8 El Ballast	Retail - Large	9,611,083	0	100.0%	100%	95%	9.1%	0	1	C&I Prescriptive	
304	2 4' T8 32 watt lamps with EB	Retail - Large	9,611,083	1	29.0%	90%	95%	9.1%	216,643	1	C&I Prescriptive	4' T8
305	2 4' Super T8 28 watt lamps with EB	Retail - Large	9,611,083	1	29.0%	90%	95%	9.1%	216,643	1	C&I Prescriptive	4' T8
306	1 4' T8 32 watt lamps with EB and reflector	Retail - Large	9,611,083	1	29.0%	10%	95%	9.1%	24,071	1	C&I Prescriptive	4' T8
307	2 4' T8 32 watt lamps with EB with dimming system	Retail - Large	9,611,083	1	29.0%	12%	95%	9.1%	28,886	0	C&I Prescriptive	4' T8
308	2 4' T8 32 watt lamps with EB with occupancy sensors	Retail - Large	9,611,083	1	29.0%	10%	95%	9.1%	24,071	1	C&I Prescriptive	4' T8
309	2 4' Super T8 28 watt lamps with EB	Retail - Large	9,611,083	1	13.0%	100%	95%	9.1%	107,906	1	C&I Prescriptive	4' T8
310	2 8' T8 59 watt lamps with EB	Retail - Large	5,622,957	1	3.0%	90%	95%	9.1%	13,112	0	C&I Prescriptive	8' T8
311	2 8' Super T8 59 watt lamps with EB	Retail - Large	5,622,957	1	3.0%	90%	95%	9.1%	13,112	0	C&I Prescriptive	8' T8
312	1 8' T8 59 watt lamps with EB and reflector	Retail - Large	5,622,957	1	3.0%	10%	95%	9.1%	1,457	1	C&I Prescriptive	8' T8
313	2 8' T8 59 watt lamps with EB with dimming system	Retail - Large	5,622,957	1	3.0%	12%	95%	9.1%	1,748	0	C&I Prescriptive	8' T8
314	2 8' T8 59 watt lamps with EB with occupancy sensors	Retail - Large	5,622,957	1	3.0%	10%	95%	9.1%	1,457	0	C&I Prescriptive	8' T8
315	2 8' Super T8 59 watt lamps with EB	Retail - Large	5,622,957	1	13.0%	100%	95%	9.1%	63,130	1	C&I Prescriptive	8' T8
316	50W Metal Halide	Retail - Small	1,776,803	1	100.0%	100%	75%	6.3%	83,288	1	C&I Prescriptive	
317	75W Metal Halide	Retail - Small	1,776,803	1	100.0%	100%	75%	6.3%	83,288	0	C&I Prescriptive	
318	100W Metal Halide	Retail - Small	1,776,803	1	100.0%	100%	75%	6.3%	83,288	1	C&I Prescriptive	
319	13 Watt Integral CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
320	13 Watt Integral CFL	Retail - Small	30,575,635	2	8.0%	50%	80%	50.0%	978,420	1	Small C&I CFL Intro Kit	Small C&I CFL Intro Kit
321	13 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
322	13 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
323	14 Watt Integral CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
324	14 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
325	15 Watt Integral CFL	Retail - Small	30,575,635	2	8.0%	50%	80%	50.0%	1	1	C&I Prescriptive	CFL
326	15 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
327	16 Watt Integral CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
328	16 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
329	18 Watt Integral CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
330	18 Watt Integral CFL	Retail - Small	30,575,635	2	8.0%	50%	80%	50.0%	978,420	1	C&I Prescriptive	CFL
331	18 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
332	18 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
333	19 Watt Integral CFL	Retail - Small	30,575,635	2	8.0%	50%	80%	50.0%	978,420	1	Small C&I CFL Intro Kit	Small C&I CFL Intro Kit
334	19 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
335	20 Watt Integral CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
336	20 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
337	23 Watt Integral CFL	Retail - Small	30,575,635	2	8.0%	50%	80%	50.0%	978,420	1	C&I Prescriptive	CFL
338	23 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
339	25 Watt Integral CFL	Retail - Small	30,575,635	2	8.0%	50%	80%	50.0%	978,420	1	Small C&I CFL Intro Kit	Small C&I CFL Intro Kit
340	25 Watt Integral CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
341	25 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
342	25 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
343	26 Watt Integral CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
344	26 Watt Integral CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
345	26 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
346	26 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
347	28 Watt Integral CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
348	28 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
349	30 Watt Integral CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
350	30 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
351	36 Watt Integral CFL	Retail - Small	30,575,635	2	8.0%	50%	80%	50.0%	978,420	1	C&I Prescriptive	CFL
352	40 Watt Integral CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	50.0%	0	1	C&I Prescriptive	CFL
353	40 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
354	55 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
355	65 Watt Modular CFL	Retail - Small	30,575,635	0	8.0%	50%	80%	8.3%	0	1	C&I Prescriptive	CFL
356	De-lamp from 8', 4 lamp/fixture	Retail - Small	9,611,083	1	3.0%	50%	95%	9.1%	12,451	1	C&I Prescriptive	
357	De-lamp from 4', 4 lamp/fixture	Retail - Small	9,611,083	1	25.0%	50%	95%	9.1%	103,756	1	C&I Prescriptive	
358	T8 32W Dimming El Ballast	Retail - Small	9,611,083	0	100.0%	100%	95%	9.1%	0	0	C&I Prescriptive	
359	Premium T8 El Ballast	Retail - Small	9,611,083	0	100.0%	100%	95%	9.1%	0	1	C&I Prescriptive	
360	2 4' T8 32 watt lamps with EB	Retail - Small	9,611,083	1	29.0%	90%	95%	9.1%	216,643	1	C&I Prescriptive	4' T8
361	2 4' Super T8 28 watt lamps with EB	Retail - Small	9,611,083	1	29.0%	90%	95%	9.1%	216,643	1	C&I Prescriptive	4' T8
362	1 4' T8 32 watt lamps with EB and reflector	Retail - Small	9,611,083	1	29.0%	10%	95%	9.1%	24,071	1	C&I Prescriptive	4' T8
363	2 4' T8 32 watt lamps with EB with dimming system	Retail - Small	9,611,083	1	29.0%	12%	95%	9.1%	28,886	0	C&I Prescriptive	4' T8
364	2 4' T8 32 watt lamps with EB with occupancy sensors	Retail - Small	9,611,083	1	29.0%	10%	95%	9.1%	24,071	1	C&I Prescriptive	4' T8
365	2 4' Super T8 28 watt lamps with EB	Retail - Small	9,611,083	1	13.0%	100%	95%	9.1%	107,906	1	C&I Prescriptive	4' T8
366	2 8' T8 59 watt lamps with EB	Retail - Small	5,622,957	1	3.0%	90%	95%	9.1%	13,112	0	C&I Prescriptive	8' T8
367	2 8' Super T8 59 watt lamps with EB	Retail - Small	5,622,957	1	3.0%	90%	95%	9.1%	13,112	0	C&I Prescriptive	8' T8
368	1 8' T8 59 watt lamps with EB and reflector	Retail - Small	5,622,957	1	3.0%	10%	95%	9.1%	1,457	1	C&I Prescriptive	8' T8
369	2 8' T8 59 watt lamps with EB with dimming system	Retail - Small	5,622,957	1	3.0%	12%	95%	9.1%	1,748	0	C&I Prescriptive	8' T8
370	2 8' T8 59 watt lamps with EB with occupancy sensors	Retail - Small	5,622,957	1	3.0%	10%	95%	9.1%	1,457	0	C&I Prescriptive	8' T8
371	2 8' Super T8 59 watt lamps with EB	Retail - Small	5,622,957	1	13.0%	100%	95%	9.1%	63,130	1	C&I Prescriptive	8' T8
372	50W Metal Halide	Education	1,785,482	1	100.0%	100%	75%	6.3%	108,803	1	DCEO Public Sector Prescriptive	
373	75W Metal Halide	Education	1,785,482	1	100.0%	100%	75%	6.3%	108,803	0	DCEO Public Sector Prescriptive	
374	100W Metal Halide	Education	1,785,482	1	100.0%	100%	75%	6.3%	108,803	0	DCEO Public Sector Prescriptive	
375	13 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
376	13 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
377	13 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	0	DCEO Public Sector Prescriptive	CFL
378	13 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
379	14 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
380	14 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
381	15 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
382	15 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
383	16 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
384	16 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
385	18 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
386	18 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
387	18 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
388	18 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
389	19 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
390	19 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
391	20 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
392	20 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
393	23 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
394	23 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
395	25 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
396	25 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
397	25 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
398	25 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
399	26 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
400	26 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
401	26 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
402	26 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
403	28 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
404	28 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
405	30 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
406	30 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
407	36 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
408	40 Watt Integral CFL	Education	30,686,560	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
409	40 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
410	55 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
411	65 Watt Modular CFL	Education	30,686,560	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
412	De-lamp from 8', 4 lamp/fixture	Education	9,643,237	1	0.0%	50%	95%	9.1%	0	1	DCEO Public Sector Prescriptive	
413	De-lamp from 4', 4 lamp/fixture	Education	9,643,237	1	44.0%	50%	95%	9.1%	238,188	1	DCEO Public Sector Prescriptive	
414	T8 32W Dimming El Ballast	Education	9,643,237	0	100.0%	100%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	
415	Premium T8 El Ballast	Education	9,643,237	0	100.0%	100%	95%	9.1%	0	1	DCEO Public Sector Prescriptive	
416	2 4' T8 32 watt lamps with EB	Education	9,643,237	1	16.5%	80%	95%	9.1%	142,913	0	DCEO Public Sector Prescriptive	4' T8
417	2 4' Super T8 28 watt lamps with EB	Education	9,643,237	1	16.5%	80%	95%	9.1%	142,913	1	DCEO Public Sector Prescriptive	4' T8
418	1 4' T8 32 watt lamps with EB and reflector	Education	9,643,237	1	16.5%	20%	95%	9.1%	35,728	1	DCEO Public Sector Prescriptive	4' T8
419	2 4' T8 32 watt lamps with EB with dimming system	Education	9,643,237	1	16.5%	30%	95%	9.1%	53,592	0	DCEO Public Sector Prescriptive	4' T8
420	2 4' T8 32 watt lamps with EB with occupancy sensors	Education	9,643,237	1	16.5%	50%	95%	9.1%	89,320	0	DCEO Public Sector Prescriptive	4' T8
421	2 4' Super T8 28 watt lamps with EB	Education	9,643,237	1	18.0%	100%	95%	9.1%	194,881	1	DCEO Public Sector Prescriptive	4' T8
422	2 8' T8 59 watt lamps with EB	Education	5,644,822	1	0.0%	80%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	8' T8
423	2 8' Super T8 59 watt lamps with EB	Education	5,644,822	1	0.0%	80%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	8' T8
424	1 8' T8 59 watt lamps with EB and reflector	Education	5,644,822	1	0.0%	20%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	8' T8
425	2 8' T8 59 watt lamps with EB with dimming system	Education	5,644,822	1	0.0%	30%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	8' T8
426	2 8' T8 59 watt lamps with EB with occupancy sensors	Education	5,644,822	1	0.0%	50%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	8' T8
427	2 8' Super T8 59 watt lamps with EB	Education	5,644,822	1	0.0%	100%	95%	9.1%	0	1	DCEO Public Sector Prescriptive	8' T8
428	50W Metal Halide	Assembly	1,034,485	1	100.0%	100%	75%	6.3%	48,491	1	DCEO Public Sector Prescriptive	
429	75W Metal Halide	Assembly	1,034,485	1	100.0%	100%	75%	6.3%	48,491	0	DCEO Public Sector Prescriptive	
430	100W Metal Halide	Assembly	1,034,485	1	100.0%	100%	75%	6.3%	60,614	0	DCEO Public Sector Prescriptive	
431	13 Watt Integral CFL	Assembly	17,764,878	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
432	13 Watt Integral CFL	Assembly	17,764,878	1	1.0%	90%	75%	33.3%	39,971	1	DCEO Public Sector Prescriptive	CFL
433	13 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
434	13 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
435	14 Watt Integral CFL	Assembly	17,764,878	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
436	14 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
437	15 Watt Integral CFL	Assembly	17,764,878	1	1.0%	90%	75%	33.3%	39,971	1	DCEO Public Sector Prescriptive	CFL
438	15 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
439	16 Watt Integral CFL	Assembly	17,764,878	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
440	16 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
441	18 Watt Integral CFL	Assembly	17,764,878	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
442	18 Watt Integral CFL	Assembly	17,764,878	1	1.0%	90%	75%	33.3%	39,971	1	DCEO Public Sector Prescriptive	CFL
443	18 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
444	18 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
445	19 Watt Integral CFL	Assembly	17,764,878	1	1.0%	90%	75%	33.3%	39,971	1	DCEO Public Sector Prescriptive	CFL
446	19 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
447	20 Watt Integral CFL	Assembly	17,764,878	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
448	20 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
449	23 Watt Integral CFL	Assembly	17,764,878	1	1.0%	90%	75%	33.3%	39,971	1	DCEO Public Sector Prescriptive	CFL
450	23 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
451	25 Watt Integral CFL	Assembly	17,764,878	1	1.0%	90%	75%	33.3%	39,971	1	DCEO Public Sector Prescriptive	CFL
452	25 Watt Integral CFL	Assembly	17,764,878	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
453	25 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
454	25 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
455	26 Watt Integral CFL	Assembly	17,764,878	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
456	26 Watt Integral CFL	Assembly	17,764,878	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
457	26 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
458	26 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
459	28 Watt Integral CFL	Assembly	17,764,878	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
460	28 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
461	30 Watt Integral CFL	Assembly	17,764,878	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
462	30 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
463	36 Watt Integral CFL	Assembly	17,764,878	1	1.0%	90%	75%	33.3%	39,971	1	DCEO Public Sector Prescriptive	CFL
464	40 Watt Integral CFL	Assembly	17,764,878	0	10.0%	90%	75%	33.3%	0	1	DCEO Public Sector Prescriptive	CFL
465	40 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
466	55 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
467	65 Watt Modular CFL	Assembly	17,764,878	0	10.0%	90%	75%	8.3%	0	1	DCEO Public Sector Prescriptive	CFL
468	De-lamp from 8', 4 lamp/fixture	Assembly	5,583,019	1	0.0%	50%	95%	9.1%	0	1	DCEO Public Sector Prescriptive	

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
469	De-lamp from 4', 4 lamp/fixture	Assembly	5,583,019	1	44.0%	50%	95%	9.1%	106,077	1	DCEO Public Sector Prescriptive	
470	T8 32W Dimming El Ballast	Assembly	5,583,019	0	100.0%	100%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	
471	Premium T8 El Ballast	Assembly	5,583,019	0	100.0%	100%	95%	9.1%	0	1	DCEO Public Sector Prescriptive	
472	2 4' T8 32 watt lamps with EB	Assembly	5,583,019	1	16.5%	80%	95%	9.1%	63,646	0	DCEO Public Sector Prescriptive	4' T8
473	2 4' Super T8 28 watt lamps with EB	Assembly	5,583,019	1	16.5%	80%	95%	9.1%	63,646	1	DCEO Public Sector Prescriptive	4' T8
474	1 4' T8 32 watt lamps with EB and reflector	Assembly	5,583,019	1	16.5%	20%	95%	9.1%	15,912	1	DCEO Public Sector Prescriptive	4' T8
475	2 4' T8 32 watt lamps with EB with dimming system	Assembly	5,583,019	1	16.5%	30%	95%	9.1%	23,867	0	DCEO Public Sector Prescriptive	4' T8
476	2 4' T8 32 watt lamps with EB with occupancy sensors	Assembly	5,583,019	1	16.5%	50%	95%	9.1%	39,779	0	DCEO Public Sector Prescriptive	4' T8
477	2 4' Super T8 28 watt lamps with EB	Assembly	5,583,019	1	18.0%	100%	95%	9.1%	86,791	1	DCEO Public Sector Prescriptive	4' T8
478	2 8' T8 59 watt lamps with EB	Assembly	3,268,759	1	0.0%	80%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	8' T8
479	2 8' Super T8 59 watt lamps with EB	Assembly	3,268,759	1	0.0%	80%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	8' T8
480	1 8' T8 59 watt lamps with EB and reflector	Assembly	3,268,759	1	0.0%	20%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	8' T8
481	2 8' T8 59 watt lamps with EB with dimming system	Assembly	3,268,759	1	0.0%	30%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	8' T8
482	2 8' T8 59 watt lamps with EB with occupancy sensors	Assembly	3,268,759	1	0.0%	50%	95%	9.1%	0	0	DCEO Public Sector Prescriptive	8' T8
483	2 8' Super T8 59 watt lamps with EB	Assembly	3,268,759	1	0.0%	100%	95%	9.1%	0	1	DCEO Public Sector Prescriptive	8' T8
484	50W Metal Halide	Warehouse and Storage	974,381	1	100.0%	100%	75%	6.3%	45,674	1	C&I Prescriptive	
485	75W Metal Halide	Warehouse and Storage	974,381	1	100.0%	100%	75%	6.3%	45,674	0	C&I Prescriptive	
486	100W Metal Halide	Warehouse and Storage	974,381	1	100.0%	100%	75%	6.3%	45,674	0	C&I Prescriptive	
487	13 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
488	13 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
489	13 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	0	C&I Prescriptive	CFL
490	13 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
491	14 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
492	14 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
493	15 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
494	15 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
495	16 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
496	16 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
497	18 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
498	18 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
499	18 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
500	18 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
501	19 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
502	19 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
503	20 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
504	20 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
505	23 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
506	23 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
507	25 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
508	25 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
509	25 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
510	25 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
511	26 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
512	26 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
513	26 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
514	26 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
515	28 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
516	28 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
517	30 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
518	30 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
519	36 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
520	40 Watt Integral CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	33.3%	0	1	C&I Prescriptive	CFL
521	40 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
522	55 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
523	65 Watt Modular CFL	Warehouse and Storage	16,724,823	0	4.0%	90%	100%	8.3%	0	1	C&I Prescriptive	CFL
524	De-lamp from 8', 4 lamp/fixture	Warehouse and Storage	5,258,370	1	6.0%	50%	95%	9.1%	13,624	1	C&I Prescriptive	
525	De-lamp from 4', 4 lamp/fixture	Warehouse and Storage	5,258,370	1	7.0%	50%	95%	9.1%	15,895	1	C&I Prescriptive	
526	T8 32W Dimming El Ballast	Warehouse and Storage	5,258,370	0	100.0%	100%	95%	9.1%	0	0	C&I Prescriptive	
527	Premium T8 El Ballast	Warehouse and Storage	5,258,370	0	100.0%	100%	95%	9.1%	0	1	C&I Prescriptive	
528	2 4' T8 32 watt lamps with EB	Warehouse and Storage	5,258,370	1	70.0%	80%	95%	9.1%	254,314	0	C&I Prescriptive	4' T8
529	2 4' Super T8 28 watt lamps with EB	Warehouse and Storage	5,258,370	1	70.0%	80%	95%	9.1%	254,314	1	C&I Prescriptive	4' T8
530	1 4' T8 32 watt lamps with EB and reflector	Warehouse and Storage	5,258,370	1	70.0%	20%	95%	9.1%	63,578	1	C&I Prescriptive	4' T8
531	2 4' T8 32 watt lamps with EB with dimming system	Warehouse and Storage	5,258,370	1	70.0%	40%	95%	9.1%	127,157	0	C&I Prescriptive	4' T8
532	2 4' T8 32 watt lamps with EB with occupancy sensors	Warehouse and Storage	5,258,370	1	70.0%	20%	95%	9.1%	63,578	1	C&I Prescriptive	4' T8
533	2 4' Super T8 28 watt lamps with EB	Warehouse and Storage	5,258,370	1	8.0%	100%	95%	9.1%	36,331	1	C&I Prescriptive	4' T8
534	2 8' T8 59 watt lamps with EB	Warehouse and Storage	3,075,262	1	6.0%	80%	95%	9.1%	12,748	0	C&I Prescriptive	8' T8

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
535	2 8' Super T8 59 watt lamps with EB	Warehouse and Storage	3,075,262	1	6.0%	80%	95%	9.1%	12,748	0	C&I Prescriptive	8' T8
536	1 8' T8 59 watt lamps with EB and reflector	Warehouse and Storage	3,075,262	1	6.0%	20%	95%	9.1%	3,187	1	C&I Prescriptive	8' T8
537	2 8' T8 59 watt lamps with EB with dimming system	Warehouse and Storage	3,075,262	1	6.0%	40%	95%	9.1%	6,374	0	C&I Prescriptive	8' T8
538	2 8' T8 59 watt lamps with EB with occupancy sensors	Warehouse and Storage	3,075,262	1	6.0%	20%	95%	9.1%	3,187	0	C&I Prescriptive	8' T8
539	2 8' Super T8 59 watt lamps with EB	Warehouse and Storage	3,075,262	1	8.0%	100%	95%	9.1%	21,247	1	C&I Prescriptive	8' T8
540	50W Metal Halide	Food Service	131,274	1	100.0%	100%	75%	6.3%	6,153	1	C&I Prescriptive	
541	75W Metal Halide	Food Service	131,274	1	100.0%	100%	75%	6.3%	6,153	0	C&I Prescriptive	
542	100W Metal Halide	Food Service	131,274	1	100.0%	100%	75%	6.3%	6,153	1	C&I Prescriptive	
543	13 Watt Integral CFL	Food Service	2,252,879	0	23.0%	50%	96%	50.0%	0	1	C&I Prescriptive	CFL
544	13 Watt Integral CFL	Food Service	2,252,879	2	23.0%	50%	96%	50.0%	248,718	1	Small C&I CFL Intro Kit	Small C&I CFL Intro Kit
545	13 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
546	13 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
547	14 Watt Integral CFL	Food Service	2,252,879	0	23.0%	50%	96%	50.0%	0	1	C&I Prescriptive	CFL
548	14 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
549	15 Watt Integral CFL	Food Service	2,252,879	2	23.0%	50%	96%	50.0%	248,718	1	C&I Prescriptive	CFL
550	15 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
551	16 Watt Integral CFL	Food Service	2,252,879	0	23.0%	50%	96%	50.0%	0	1	C&I Prescriptive	CFL
552	16 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
553	18 Watt Integral CFL	Food Service	2,252,879	0	23.0%	50%	96%	50.0%	0	1	C&I Prescriptive	CFL
554	18 Watt Integral CFL	Food Service	2,252,879	2	23.0%	50%	96%	50.0%	248,718	1	C&I Prescriptive	CFL
555	18 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
556	18 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
557	19 Watt Integral CFL	Food Service	2,252,879	2	23.0%	50%	96%	50.0%	248,718	1	Small C&I CFL Intro Kit	Small C&I CFL Intro Kit
558	19 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
559	20 Watt Integral CFL	Food Service	2,252,879	0	23.0%	50%	96%	50.0%	0	1	C&I Prescriptive	CFL
560	20 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
561	23 Watt Integral CFL	Food Service	2,252,879	2	23.0%	50%	96%	50.0%	248,718	1	C&I Prescriptive	CFL
562	23 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
563	25 Watt Integral CFL	Food Service	2,252,879	2	23.0%	50%	96%	50.0%	248,718	1	Small C&I CFL Intro Kit	Small C&I CFL Intro Kit
564	25 Watt Integral CFL	Food Service	2,252,879	0	23.0%	50%	96%	50.0%	0	1	C&I Prescriptive	CFL
565	25 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
566	25 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
567	26 Watt Integral CFL	Food Service	2,252,879	0	23.0%	50%	96%	50.0%	0	1	C&I Prescriptive	CFL
568	26 Watt Integral CFL	Food Service	2,252,879	0	23.0%	50%	96%	50.0%	0	1	C&I Prescriptive	CFL
569	26 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
570	26 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
571	28 Watt Integral CFL	Food Service	2,252,879	0	23.0%	50%	96%	50.0%	0	1	C&I Prescriptive	CFL
572	28 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
573	30 Watt Integral CFL	Food Service	2,252,879	0	23.0%	50%	96%	50.0%	0	1	C&I Prescriptive	CFL
574	30 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
575	36 Watt Integral CFL	Food Service	2,252,879	2	23.0%	50%	96%	50.0%	248,718	1	C&I Prescriptive	CFL
576	40 Watt Integral CFL	Food Service	2,252,879	0	23.0%	50%	96%	50.0%	0	1	C&I Prescriptive	CFL
577	40 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
578	55 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
579	65 Watt Modular CFL	Food Service	2,252,879	0	23.0%	50%	96%	8.3%	0	1	C&I Prescriptive	CFL
580	De-lamp from 8', 4 lamp/fixture	Food Service	708,189	1	0.0%	50%	95%	9.1%	0	1	C&I Prescriptive	
581	De-lamp from 4', 4 lamp/fixture	Food Service	708,189	1	54.0%	50%	95%	9.1%	16,514	1	C&I Prescriptive	
582	T8 32W Dimming El Ballast	Food Service	708,189	0	100.0%	100%	95%	9.1%	0	0	C&I Prescriptive	
583	Premium T8 El Ballast	Food Service	708,189	0	100.0%	100%	95%	9.1%	0	1	C&I Prescriptive	
584	2 4' T8 32 watt lamps with EB	Food Service	708,189	1	13.0%	80%	95%	9.1%	6,361	1	C&I Prescriptive	4' T8
585	2 4' Super T8 28 watt lamps with EB	Food Service	708,189	1	13.0%	80%	95%	9.1%	6,361	1	C&I Prescriptive	4' T8
586	1 4' T8 32 watt lamps with EB and reflector	Food Service	708,189	1	13.0%	20%	95%	9.1%	1,590	1	C&I Prescriptive	4' T8
587	2 4' T8 32 watt lamps with EB with dimming system	Food Service	708,189	1	13.0%	50%	95%	9.1%	3,976	0	C&I Prescriptive	4' T8
588	2 4' T8 32 watt lamps with EB with occupancy sensors	Food Service	708,189	1	13.0%	10%	95%	9.1%	795	1	C&I Prescriptive	4' T8
589	2 4' Super T8 28 watt lamps with EB	Food Service	708,189	1	2.0%	100%	95%	9.1%	1,223	1	C&I Prescriptive	4' T8
590	2 8' T8 59 watt lamps with EB	Food Service	414,549	1	0.0%	80%	95%	9.1%	0	0	C&I Prescriptive	8' T8
591	2 8' Super T8 59 watt lamps with EB	Food Service	414,549	1	0.0%	80%	95%	9.1%	0	1	C&I Prescriptive	8' T8
592	1 8' T8 59 watt lamps with EB and reflector	Food Service	414,549	1	0.0%	20%	95%	9.1%	0	1	C&I Prescriptive	8' T8
593	2 8' T8 59 watt lamps with EB with dimming system	Food Service	414,549	1	0.0%	50%	95%	9.1%	0	0	C&I Prescriptive	8' T8
594	2 8' T8 59 watt lamps with EB with occupancy sensors	Food Service	414,549	1	0.0%	10%	95%	9.1%	0	1	C&I Prescriptive	8' T8
595	2 8' Super T8 59 watt lamps with EB	Food Service	414,549	1	0.0%	100%	95%	9.1%	0	1	C&I Prescriptive	8' T8
596	50W Metal Halide	Health Care	249,350	1	100.0%	100%	75%	6.3%	11,688	1	C&I Prescriptive	
597	75W Metal Halide	Health Care	249,350	1	100.0%	100%	75%	6.3%	11,688	0	C&I Prescriptive	
598	100W Metal Halide	Health Care	249,350	1	100.0%	100%	75%	6.3%	11,688	1	C&I Prescriptive	
599	13 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
600	13 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
601	13 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
602	13 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
603	14 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
604	14 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
605	15 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
606	15 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
607	16 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
608	16 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
609	18 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
610	18 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
611	18 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
612	18 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
613	19 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
614	19 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
615	20 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
616	20 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
617	23 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
618	23 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
619	25 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
620	25 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
621	25 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
622	25 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
623	26 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
624	26 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
625	26 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
626	26 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
627	28 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
628	28 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
629	30 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
630	30 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
631	36 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
632	40 Watt Integral CFL	Health Care	4,284,876	0	2.0%	90%	25%	100.0%	0	1	C&I Prescriptive	CFL
633	40 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
634	55 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
635	65 Watt Modular CFL	Health Care	4,284,876	0	2.0%	90%	25%	8.3%	0	1	C&I Prescriptive	CFL
636	De-lamp from 8', 4 lamp/fixture	Health Care	1,346,488	1	0.0%	50%	95%	9.1%	0	1	C&I Prescriptive	
637	De-lamp from 4', 4 lamp/fixture	Health Care	1,346,488	1	33.0%	50%	95%	9.1%	19,187	1	C&I Prescriptive	
638	T8 32W Dimming El Ballast	Health Care	1,346,488	0	100.0%	100%	95%	9.1%	0	1	C&I Prescriptive	
639	Premium T8 El Ballast	Health Care	1,346,488	0	100.0%	100%	95%	9.1%	0	1	C&I Prescriptive	
640	2 4' T8 32 watt lamps with EB	Health Care	1,346,488	1	30.0%	80%	95%	9.1%	27,909	1	C&I Prescriptive	4' T8
641	2 4' Super T8 28 watt lamps with EB	Health Care	1,346,488	1	30.0%	80%	95%	9.1%	27,909	1	C&I Prescriptive	4' T8
642	1 4' T8 32 watt lamps with EB and reflector	Health Care	1,346,488	1	30.0%	20%	95%	9.1%	6,977	1	C&I Prescriptive	4' T8
643	2 4' T8 32 watt lamps with EB with dimming system	Health Care	1,346,488	1	30.0%	10%	95%	9.1%	3,489	1	C&I Prescriptive	4' T8
644	2 4' T8 32 watt lamps with EB with occupancy sensors	Health Care	1,346,488	1	30.0%	50%	95%	9.1%	17,443	1	C&I Prescriptive	4' T8
645	2 4' Super T8 28 watt lamps with EB	Health Care	1,346,488	1	9.0%	100%	95%	9.1%	10,466	1	C&I Prescriptive	4' T8
646	2 8' T8 59 watt lamps with EB	Health Care	788,076	1	0.0%	80%	95%	9.1%	0	1	C&I Prescriptive	8' T8
647	2 8' Super T8 59 watt lamps with EB	Health Care	788,076	1	0.0%	80%	95%	9.1%	0	1	C&I Prescriptive	8' T8
648	1 8' T8 59 watt lamps with EB and reflector	Health Care	788,076	1	0.0%	20%	95%	9.1%	0	1	C&I Prescriptive	8' T8
649	2 8' T8 59 watt lamps with EB with dimming system	Health Care	788,076	1	0.0%	10%	95%	9.1%	0	1	C&I Prescriptive	8' T8
650	2 8' T8 59 watt lamps with EB with occupancy sensors	Health Care	788,076	1	0.0%	50%	95%	9.1%	0	1	C&I Prescriptive	8' T8
651	2 8' Super T8 59 watt lamps with EB	Health Care	788,076	1	0.0%	100%	95%	9.1%	0	1	C&I Prescriptive	8' T8
652	50W Metal Halide	Office - Small	1,089,958	1	100.0%	100%	75%	6.3%	51,092	1	C&I Prescriptive	
653	75W Metal Halide	Office - Small	1,089,958	1	100.0%	100%	75%	6.3%	51,092	0	C&I Prescriptive	
654	100W Metal Halide	Office - Small	1,089,958	1	100.0%	100%	75%	6.3%	51,092	0	C&I Prescriptive	
655	13 Watt Integral CFL	Office - Small	18,736,685	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
656	13 Watt Integral CFL	Office - Small	18,736,685	2	1.0%	90%	51%	33.3%	57,334	1	Small C&I CFL Intro Kit	Small C&I CFL Intro Kit
657	13 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	0	C&I Prescriptive	CFL
658	13 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
659	14 Watt Integral CFL	Office - Small	18,736,685	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
660	14 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
661	15 Watt Integral CFL	Office - Small	18,736,685	2	1.0%	90%	51%	33.3%	57,334	1	C&I Prescriptive	CFL
662	15 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
663	16 Watt Integral CFL	Office - Small	18,736,685	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
664	16 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
665	18 Watt Integral CFL	Office - Small	18,736,685	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
666	18 Watt Integral CFL	Office - Small	18,736,685	2	1.0%	90%	51%	33.3%	57,334	1	C&I Prescriptive	CFL
667	18 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
668	18 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
669	19 Watt Integral CFL	Office - Small	18,736,685	2	1.0%	90%	51%	33.3%	57,334	1	Small C&I CFL Intro Kit	Small C&I CFL Intro Kit
670	19 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
671	20 Watt Integral CFL	Office - Small	18,736,685	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
672	20 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
673	23 Watt Integral CFL	Office - Small	18,736,685	2	1.0%	90%	51%	33.3%	57,334	1	C&I Prescriptive	CFL
674	23 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
675	25 Watt Integral CFL	Office - Small	18,736,685	2	1.0%	90%	51%	33.3%	57,334	1	Small C&I CFL Intro Kit	Small C&I CFL Intro Kit
676	25 Watt Integral CFL	Office - Small	18,736,685	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
677	25 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
678	25 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
679	26 Watt Integral CFL	Office - Small	18,736,685	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
680	26 Watt Integral CFL	Office - Small	18,736,685	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
681	26 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
682	26 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
683	28 Watt Integral CFL	Office - Small	18,736,685	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
684	28 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
685	30 Watt Integral CFL	Office - Small	18,736,685	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
686	30 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
687	36 Watt Integral CFL	Office - Small	18,736,685	2	1.0%	90%	51%	33.3%	57,334	1	C&I Prescriptive	CFL
688	40 Watt Integral CFL	Office - Small	18,736,685	0	1.0%	90%	51%	33.3%	0	1	C&I Prescriptive	CFL
689	40 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
690	55 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
691	65 Watt Modular CFL	Office - Small	18,736,685	0	1.0%	90%	51%	8.3%	0	1	C&I Prescriptive	CFL
692	De-lamp from 8', 4 lamp/fixture	Office - Small	5,888,862	1	1.0%	50%	95%	9.1%	2,543	1	C&I Prescriptive	
693	De-lamp from 4', 4 lamp/fixture	Office - Small	5,888,862	1	47.0%	50%	95%	9.1%	119,517	1	C&I Prescriptive	
694	T8 32W Dimming El Ballast	Office - Small	5,888,862	0	100.0%	100%	95%	9.1%	0	0	C&I Prescriptive	
695	Premium T8 El Ballast	Office - Small	5,888,862	0	100.0%	100%	95%	9.1%	0	1	C&I Prescriptive	
696	2 4' T8 32 watt lamps with EB	Office - Small	5,888,862	1	12.0%	90%	95%	9.1%	54,927	0	C&I Prescriptive	4' T8
697	2 4' Super T8 28 watt lamps with EB	Office - Small	5,888,862	1	12.0%	90%	95%	9.1%	54,927	1	C&I Prescriptive	4' T8
698	1 4' T8 32 watt lamps with EB and reflector	Office - Small	5,888,862	1	12.0%	10%	95%	9.1%	6,103	1	C&I Prescriptive	4' T8
699	2 4' T8 32 watt lamps with EB with dimming system	Office - Small	5,888,862	1	12.0%	40%	95%	9.1%	24,412	0	C&I Prescriptive	4' T8
700	2 4' T8 32 watt lamps with EB with occupancy sensors	Office - Small	5,888,862	1	12.0%	40%	95%	9.1%	24,412	1	C&I Prescriptive	4' T8
701	2 4' Super T8 28 watt lamps with EB	Office - Small	5,888,862	1	32.0%	100%	95%	9.1%	162,747	1	C&I Prescriptive	4' T8
702	2 8' T8 59 watt lamps with EB	Office - Small	3,446,385	1	1.0%	90%	95%	9.1%	2,679	0	C&I Prescriptive	8' T8
703	2 8' Super T8 59 watt lamps with EB	Office - Small	3,446,385	1	1.0%	90%	95%	9.1%	2,679	0	C&I Prescriptive	8' T8
704	1 8' T8 59 watt lamps with EB and reflector	Office - Small	3,446,385	1	1.0%	10%	95%	9.1%	298	1	C&I Prescriptive	8' T8
705	2 8' T8 59 watt lamps with EB with dimming system	Office - Small	3,446,385	1	1.0%	40%	95%	9.1%	1,191	0	C&I Prescriptive	8' T8
706	2 8' T8 59 watt lamps with EB with occupancy sensors	Office - Small	3,446,385	1	1.0%	40%	95%	9.1%	1,191	0	C&I Prescriptive	8' T8
707	2 8' Super T8 59 watt lamps with EB	Office - Small	3,446,385	1	32.0%	100%	95%	9.1%	95,246	1	C&I Prescriptive	8' T8
708	50W Metal Halide	Food Sales	213,189	1	100.0%	100%	75%	6.3%	9,993	1	C&I Prescriptive	
709	75W Metal Halide	Food Sales	213,189	1	100.0%	100%	75%	6.3%	9,993	0	C&I Prescriptive	
710	100W Metal Halide	Food Sales	213,189	1	100.0%	100%	75%	6.3%	9,993	1	C&I Prescriptive	
711	13 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
712	13 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
713	13 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
714	13 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
715	14 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
716	14 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
717	15 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
718	15 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
719	16 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
720	16 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
721	18 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
722	18 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
723	18 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
724	18 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
725	19 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
726	19 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
727	20 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
728	20 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
729	23 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
730	23 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
731	25 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
732	25 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
733	25 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
734	25 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
735	26 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
736	26 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
737	26 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
738	26 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
739	28 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
740	28 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
741	30 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
742	30 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
743	36 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
744	40 Watt Integral CFL	Food Sales	3,666,853	0	1.0%	90%	83%	100.0%	0	1	C&I Prescriptive	CFL
745	40 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
746	55 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
747	65 Watt Modular CFL	Food Sales	3,666,853	0	1.0%	90%	83%	8.3%	0	1	C&I Prescriptive	CFL
748	De-lamp from 8', 4 lamp/fixture	Food Sales	1,152,527	1	1.0%	50%	95%	9.1%	498	1	C&I Prescriptive	
749	De-lamp from 4', 4 lamp/fixture	Food Sales	1,152,527	1	47.0%	50%	95%	9.1%	23,391	1	C&I Prescriptive	
750	T8 32W Dimming El Ballast	Food Sales	1,152,527	0	100.0%	100%	95%	9.1%	0	0	C&I Prescriptive	
751	Premium T8 El Ballast	Food Sales	1,152,527	0	100.0%	100%	95%	9.1%	0	1	C&I Prescriptive	
752	2 4' T8 32 watt lamps with EB	Food Sales	1,152,527	1	6.0%	80%	95%	9.1%	4,778	1	C&I Prescriptive	4' T8
753	2 4' Super T8 28 watt lamps with EB	Food Sales	1,152,527	1	6.0%	80%	95%	9.1%	4,778	1	C&I Prescriptive	4' T8
754	1 4' T8 32 watt lamps with EB and reflector	Food Sales	1,152,527	1	6.0%	20%	95%	9.1%	1,194	1	C&I Prescriptive	4' T8
755	2 4' T8 32 watt lamps with EB with dimming system	Food Sales	1,152,527	1	6.0%	26%	95%	9.1%	1,553	1	C&I Prescriptive	4' T8
756	2 4' T8 32 watt lamps with EB with occupancy sensors	Food Sales	1,152,527	1	6.0%	10%	95%	9.1%	597	1	C&I Prescriptive	4' T8
757	2 4' Super T8 28 watt lamps with EB	Food Sales	1,152,527	1	30.0%	100%	95%	9.1%	29,861	1	C&I Prescriptive	4' T8
758	2 8' T8 59 watt lamps with EB	Food Sales	674,374	1	21.0%	80%	95%	9.1%	9,785	0	C&I Prescriptive	8' T8
759	2 8' Super T8 59 watt lamps with EB	Food Sales	674,374	1	21.0%	80%	95%	9.1%	9,785	1	C&I Prescriptive	8' T8
760	1 8' T8 59 watt lamps with EB and reflector	Food Sales	674,374	1	21.0%	20%	95%	9.1%	2,446	1	C&I Prescriptive	8' T8
761	2 8' T8 59 watt lamps with EB with dimming system	Food Sales	674,374	1	21.0%	26%	95%	9.1%	3,180	0	C&I Prescriptive	8' T8
762	2 8' T8 59 watt lamps with EB with occupancy sensors	Food Sales	674,374	1	21.0%	10%	95%	9.1%	1,223	1	C&I Prescriptive	8' T8
763	2 8' Super T8 59 watt lamps with EB	Food Sales	674,374	1	30.0%	100%	95%	9.1%	17,472	1	C&I Prescriptive	8' T8
764	50W Metal Halide	Lodging	308,212	1	100.0%	100%	75%	6.3%	14,447	1	C&I Prescriptive	
765	75W Metal Halide	Lodging	308,212	1	100.0%	100%	75%	6.3%	14,447	0	C&I Prescriptive	
766	100W Metal Halide	Lodging	308,212	1	100.0%	100%	75%	6.3%	14,447	1	C&I Prescriptive	
767	13 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
768	13 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
769	13 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
770	13 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
771	14 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
772	14 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
773	15 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
774	15 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
775	16 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
776	16 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
777	18 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
778	18 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
779	18 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
780	18 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
781	19 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
782	19 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
783	20 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
784	20 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
785	23 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
786	23 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
787	25 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
788	25 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
789	25 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
790	25 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
791	26 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
792	26 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
793	26 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
794	26 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
795	28 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
796	28 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
797	30 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
798	30 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
799	36 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
800	40 Watt Integral CFL	Lodging	5,307,728	0	17.0%	70%	37%	100.0%	0	1	C&I Prescriptive	CFL
801	40 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
802	55 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
803	65 Watt Modular CFL	Lodging	5,307,728	0	17.0%	70%	37%	8.3%	0	1	C&I Prescriptive	CFL
804	De-lamp from 8', 4 lamp/fixture	Lodging	1,668,366	1	0.0%	50%	95%	9.1%	0	1	C&I Prescriptive	
805	De-lamp from 4', 4 lamp/fixture	Lodging	1,668,366	1	25.0%	50%	95%	9.1%	18,011	1	C&I Prescriptive	
806	T8 32W Dimming El Ballast	Lodging	1,668,366	0	100.0%	100%	95%	9.1%	0	1	C&I Prescriptive	
807	Premium T8 El Ballast	Lodging	1,668,366	0	100.0%	100%	95%	9.1%	0	1	C&I Prescriptive	
808	2 4' T8 32 watt lamps with EB	Lodging	1,668,366	1	5.0%	90%	95%	9.1%	6,484	1	C&I Prescriptive	4' T8
809	2 4' Super T8 28 watt lamps with EB	Lodging	1,668,366	1	5.0%	90%	95%	9.1%	6,484	1	C&I Prescriptive	4' T8
810	1 4' T8 32 watt lamps with EB and reflector	Lodging	1,668,366	1	5.0%	10%	95%	9.1%	720	1	C&I Prescriptive	4' T8
811	2 4' T8 32 watt lamps with EB with dimming system	Lodging	1,668,366	1	5.0%	40%	95%	9.1%	2,882	1	C&I Prescriptive	4' T8
812	2 4' T8 32 watt lamps with EB with occupancy sensors	Lodging	1,668,366	1	5.0%	40%	95%	9.1%	2,882	1	C&I Prescriptive	4' T8
813	2 4' Super T8 28 watt lamps with EB	Lodging	1,668,366	1	9.0%	100%	95%	9.1%	12,968	1	C&I Prescriptive	4' T8
814	2 8' T8 59 watt lamps with EB	Lodging	976,005	1	0.0%	90%	95%	9.1%	0	0	C&I Prescriptive	8' T8
815	2 8' Super T8 59 watt lamps with EB	Lodging	976,005	1	0.0%	90%	95%	9.1%	0	1	C&I Prescriptive	8' T8
816	1 8' T8 59 watt lamps with EB and reflector	Lodging	976,005	1	0.0%	10%	95%	9.1%	0	1	C&I Prescriptive	8' T8
817	2 8' T8 59 watt lamps with EB with dimming system	Lodging	976,005	1	0.0%	40%	95%	9.1%	0	1	C&I Prescriptive	8' T8
818	2 8' T8 59 watt lamps with EB with occupancy sensors	Lodging	976,005	1	0.0%	40%	95%	9.1%	0	1	C&I Prescriptive	8' T8
819	2 8' Super T8 59 watt lamps with EB	Lodging	976,005	1	0.0%	100%	95%	9.1%	0	1	C&I Prescriptive	8' T8
820	Premium Efficiency Motor - 1 HP	Office - Large	734,385	1	100.0%	25%	59%	6.7%	7,239	0	C&I Prescriptive	Motor
821	Premium Efficiency Motor - 5 HP	Office - Large	734,385	1	100.0%	25%	59%	6.7%	7,239	1	C&I Prescriptive	Motor
822	Premium Efficiency Motor - 10 HP	Office - Large	315,855	1	100.0%	17%	57%	6.7%	1,987	1	C&I Prescriptive	Motor
823	Premium Efficiency Motor - 15 HP	Office - Large	315,855	1	100.0%	17%	57%	6.7%	1,987	1	C&I Prescriptive	Motor
824	Premium Efficiency Motor - 20 HP	Office - Large	315,855	1	100.0%	17%	57%	6.7%	1,987	1	C&I Prescriptive	Motor
825	Premium Efficiency Motor - 25 HP	Office - Large	72,540	1	100.0%	25%	57%	6.7%	685	1	C&I Prescriptive	Motor
826	Premium Efficiency Motor - 50 HP	Office - Large	72,540	1	100.0%	25%	57%	6.7%	685	1	C&I Prescriptive	Motor
827	Premium Efficiency Motor - 100 HP	Office - Large	14,820	1	100.0%	50%	55%	6.7%	270	1	C&I Prescriptive	Motor
828	Premium Efficiency Motor - 150 HP	Office - Large	6,165	1	100.0%	25%	52%	6.7%	53	1	C&I Prescriptive	Motor
829	Premium Efficiency Motor - 200 HP	Office - Large	6,165	1	100.0%	25%	52%	6.7%	53	1	C&I Prescriptive	Motor
830	Premium Efficiency Motor - 1 HP	Office - Large	734,385	1	100.0%	25%	59%	6.7%	7,239	0	C&I Prescriptive	Motor
831	Premium Efficiency Motor - 5 HP	Office - Large	734,385	1	100.0%	25%	59%	6.7%	7,239	1	C&I Prescriptive	Motor
832	Premium Efficiency Motor - 10 HP	Office - Large	315,855	1	100.0%	17%	57%	6.7%	1,987	1	C&I Prescriptive	Motor
833	Premium Efficiency Motor - 15 HP	Office - Large	315,855	1	100.0%	17%	57%	6.7%	1,987	0	C&I Prescriptive	Motor
834	Premium Efficiency Motor - 20 HP	Office - Large	315,855	1	100.0%	17%	57%	6.7%	1,987	1	C&I Prescriptive	Motor
835	Premium Efficiency Motor - 25 HP	Office - Large	72,540	1	100.0%	25%	57%	6.7%	685	0	C&I Prescriptive	Motor
836	Premium Efficiency Motor - 50 HP	Office - Large	72,540	1	100.0%	25%	57%	6.7%	685	1	C&I Prescriptive	Motor
837	Premium Efficiency Motor - 100 HP	Office - Large	14,820	1	100.0%	50%	55%	6.7%	270	1	C&I Prescriptive	Motor
838	Premium Efficiency Motor - 150 HP	Office - Large	6,165	1	100.0%	25%	52%	6.7%	53	1	C&I Prescriptive	Motor
839	Premium Efficiency Motor - 200 HP	Office - Large	6,165	1	100.0%	25%	52%	6.7%	53	1	C&I Prescriptive	Motor
840	High Efficiency Copier	Office - Large	293,852	1	100.0%	100%	75%	16.7%	36,731	0	C&I Prescriptive	
841	High Efficiency Copier	Office - Large	293,852	1	100.0%	100%	75%	16.7%	36,731	0	C&I Prescriptive	
842	High Efficiency Copier	Office - Large	293,852	1	100.0%	100%	75%	16.7%	36,731	0	C&I Prescriptive	
843	High Pressure Sodium 200 W	Warehouse and Storage	1,748,952	1	100.0%	100%	75%	6.3%	81,982	1	C&I Prescriptive	
844	Low Pressure Sodium 180 W	Warehouse and Storage	1,748,952	1	100.0%	100%	75%	6.3%	81,982	1	C&I Prescriptive	
845	Metal Halide 175 W PS	Warehouse and Storage	1,748,952	1	100.0%	100%	75%	6.3%	81,982	0	C&I Prescriptive	
846	Metal Halide 175 W PS	Warehouse and Storage	1,748,952	1	100.0%	100%	75%	6.3%	81,982	1	C&I Prescriptive	
847	Metal Halide 250 W PS	Warehouse and Storage	1,748,952	1	100.0%	100%	75%	6.3%	81,982	1	C&I Prescriptive	
848	Photocell:	Warehouse and Storage	435,022	1	100.0%	100%	75%	12.5%	40,783	0	C&I Prescriptive	
849	Timeclock:	Warehouse and Storage	435,022	1	100.0%	100%	75%	12.5%	40,783	0	C&I Prescriptive	
850	Electroluminescent Exit Sign (New)	Office - Large	88,217	1	100.0%	100%	75%	6.3%	4,135	1	C&I Prescriptive	
851	Electroluminescent Exit Sign Retrofit Kit	Office - Large	88,217	1	100.0%	100%	75%	6.3%	4,135	1	C&I Prescriptive	
852	LED Exit Sign (New)	Office - Large	88,217	1	100.0%	100%	75%	6.3%	4,135	1	C&I Prescriptive	
853	LED Exit Sign Retrofit Kit	Office - Large	88,217	1	100.0%	100%	75%	6.3%	4,135	1	C&I Prescriptive	
854	Electroluminescent Exit Sign (New)	Education	61,357	1	100.0%	100%	75%	6.3%	2,226	1	DCEO Public Sector Prescriptive	
855	Electroluminescent Exit Sign Retrofit Kit	Education	61,357	1	100.0%	100%	75%	6.3%	2,226	1	DCEO Public Sector Prescriptive	
856	LED Exit Sign (New)	Education	61,357	1	100.0%	100%	75%	6.3%	2,226	1	DCEO Public Sector Prescriptive	
857	LED Exit Sign Retrofit Kit	Education	61,357	1	100.0%	100%	75%	6.3%	2,226	1	DCEO Public Sector Prescriptive	
858	Electroluminescent Exit Sign (New)	Food Sales	3,046	1	100.0%	100%	75%	6.3%	143	1	C&I Prescriptive	
859	Electroluminescent Exit Sign Retrofit Kit	Food Sales	3,046	1	100.0%	100%	75%	6.3%	143	1	C&I Prescriptive	

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
860	LED Exit Sign (New)	Food Sales	3,046	1	100.0%	100%	75%	6.3%	143	1	C&I Prescriptive	
861	LED Exit Sign Retrofit Kit	Food Sales	3,046	1	100.0%	100%	75%	6.3%	143	1	C&I Prescriptive	
862	Electroluminescent Exit Sign (New)	Food Service	23,689	1	100.0%	100%	75%	6.3%	1,110	1	C&I Prescriptive	
863	Electroluminescent Exit Sign Retrofit Kit	Food Service	23,689	1	100.0%	100%	75%	6.3%	1,110	1	C&I Prescriptive	
864	LED Exit Sign (New)	Food Service	23,689	1	100.0%	100%	75%	6.3%	1,110	1	C&I Prescriptive	
865	LED Exit Sign Retrofit Kit	Food Service	23,689	1	100.0%	100%	75%	6.3%	1,110	1	C&I Prescriptive	
866	Electroluminescent Exit Sign (New)	Lodging	30,151	1	100.0%	100%	75%	6.3%	1,413	1	C&I Prescriptive	
867	Electroluminescent Exit Sign Retrofit Kit	Lodging	30,151	1	100.0%	100%	75%	6.3%	1,413	1	C&I Prescriptive	
868	LED Exit Sign (New)	Lodging	30,151	1	100.0%	100%	75%	6.3%	1,413	1	C&I Prescriptive	
869	LED Exit Sign Retrofit Kit	Lodging	30,151	1	100.0%	100%	75%	6.3%	1,413	1	C&I Prescriptive	
870	Electroluminescent Exit Sign (New)	Office - Small	77,224	1	100.0%	100%	75%	6.3%	3,620	1	C&I Prescriptive	
871	Electroluminescent Exit Sign Retrofit Kit	Office - Small	77,224	1	100.0%	100%	75%	6.3%	3,620	1	C&I Prescriptive	
872	LED Exit Sign (New)	Office - Small	77,224	1	100.0%	100%	75%	6.3%	3,620	1	C&I Prescriptive	
873	LED Exit Sign Retrofit Kit	Office - Small	77,224	1	100.0%	100%	75%	6.3%	3,620	1	C&I Prescriptive	
874	Electroluminescent Exit Sign (New)	Assembly	39,993	2	100.0%	100%	75%	6.3%	3,008	1	DCEO Public Sector Prescriptive	
875	Electroluminescent Exit Sign Retrofit Kit	Assembly	39,993	2	100.0%	100%	75%	6.3%	3,008	1	DCEO Public Sector Prescriptive	
876	LED Exit Sign (New)	Assembly	39,993	2	100.0%	100%	75%	6.3%	3,008	1	DCEO Public Sector Prescriptive	
877	LED Exit Sign Retrofit Kit	Assembly	39,993	2	100.0%	100%	75%	6.3%	3,008	1	DCEO Public Sector Prescriptive	
878	Electroluminescent Exit Sign (New)	Retail - Large	68,835	1	100.0%	100%	75%	6.3%	3,227	1	C&I Prescriptive	
879	Electroluminescent Exit Sign Retrofit Kit	Retail - Large	68,835	1	100.0%	100%	75%	6.3%	3,227	1	C&I Prescriptive	
880	LED Exit Sign (New)	Retail - Large	68,835	1	100.0%	100%	75%	6.3%	3,227	1	C&I Prescriptive	
881	LED Exit Sign Retrofit Kit	Retail - Large	68,835	1	100.0%	100%	75%	6.3%	3,227	1	C&I Prescriptive	
882	Electroluminescent Exit Sign (New)	Retail - Small	68,835	1	100.0%	100%	75%	6.3%	3,227	1	C&I Prescriptive	
883	Electroluminescent Exit Sign Retrofit Kit	Retail - Small	68,835	1	100.0%	100%	75%	6.3%	3,227	1	C&I Prescriptive	
884	LED Exit Sign (New)	Retail - Small	68,835	1	100.0%	100%	75%	6.3%	3,227	1	C&I Prescriptive	
885	LED Exit Sign Retrofit Kit	Retail - Small	68,835	1	100.0%	100%	75%	6.3%	3,227	1	C&I Prescriptive	
886	Electroluminescent Exit Sign (New)	Warehouse and Storage	12,334	1	100.0%	100%	75%	6.3%	578	1	C&I Prescriptive	
887	Electroluminescent Exit Sign Retrofit Kit	Warehouse and Storage	12,334	1	100.0%	100%	75%	6.3%	578	1	C&I Prescriptive	
888	LED Exit Sign (New)	Warehouse and Storage	12,334	1	100.0%	100%	75%	6.3%	578	1	C&I Prescriptive	
889	LED Exit Sign Retrofit Kit	Warehouse and Storage	12,334	1	100.0%	100%	75%	6.3%	578	1	C&I Prescriptive	
890	Occ-Sensor - Plug loads	Office - Large	3,362,326	1	100.0%	100%	75%	10.0%	252,174	0	C&I Prescriptive	
891	Occ-Sensor - Wall box	Office - Large	3,362,326	1	100.0%	100%	75%	12.5%	315,218	1	C&I Prescriptive	
892	Occ-Sensor - Plug loads	Education	4,820,596	1	100.0%	100%	75%	10.0%	279,871	0	DCEO Public Sector Prescriptive	
893	Occ-Sensor - Wall box	Education	4,820,596	1	100.0%	100%	75%	12.5%	349,838	1	DCEO Public Sector Prescriptive	
894	Occ-Sensor - Plug loads	Food Sales	576,046	1	100.0%	100%	75%	10.0%	43,203	0	C&I Prescriptive	
895	Occ-Sensor - Wall box	Food Sales	576,046	1	100.0%	100%	75%	12.5%	54,004	1	C&I Prescriptive	
896	Occ-Sensor - Plug loads	Food Service	353,848	1	100.0%	100%	75%	10.0%	26,539	0	C&I Prescriptive	
897	Occ-Sensor - Wall box	Food Service	353,848	1	100.0%	100%	75%	12.5%	33,173	1	C&I Prescriptive	
898	Occ-Sensor - Plug loads	Lodging	834,183	1	100.0%	100%	75%	10.0%	62,564	0	C&I Prescriptive	
899	Occ-Sensor - Wall box	Lodging	834,183	1	100.0%	100%	75%	12.5%	78,205	1	C&I Prescriptive	
900	Occ-Sensor - Plug loads	Office - Small	2,943,328	1	100.0%	100%	75%	10.0%	220,750	0	C&I Prescriptive	
901	Occ-Sensor - Wall box	Office - Small	2,943,328	1	100.0%	100%	75%	12.5%	275,937	1	C&I Prescriptive	
902	Occ-Sensor - Plug loads	Assembly	2,791,509	2	100.0%	100%	75%	10.0%	335,952	0	DCEO Public Sector Prescriptive	
903	Occ-Sensor - Wall box	Assembly	2,791,509	2	100.0%	100%	75%	12.5%	419,940	1	DCEO Public Sector Prescriptive	
904	Occ-Sensor - Plug loads	Retail - Large	4,805,542	1	100.0%	100%	75%	10.0%	360,416	0	C&I Prescriptive	
905	Occ-Sensor - Wall box	Retail - Large	4,805,542	1	100.0%	100%	75%	12.5%	450,520	1	C&I Prescriptive	
906	Occ-Sensor - Plug loads	Retail - Small	4,805,542	1	100.0%	100%	75%	10.0%	360,416	0	C&I Prescriptive	
907	Occ-Sensor - Wall box	Retail - Small	4,805,542	1	100.0%	100%	75%	12.5%	450,520	1	C&I Prescriptive	
908	Occ-Sensor - Plug loads	Warehouse and Storage	2,627,129	1	100.0%	100%	75%	10.0%	197,035	0	C&I Prescriptive	
909	Occ-Sensor - Wall box	Warehouse and Storage	2,627,129	1	100.0%	100%	75%	12.5%	246,293	1	C&I Prescriptive	
910	Connectionless Steamer	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	0	C&I Prescriptive	
911	Hot Food Holding Cabinet	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	1	C&I Prescriptive	
912	Efficient French Fryer - Electric	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	0	C&I Prescriptive	
913	Connectionless Steamer	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	1	C&I Prescriptive	
914	Efficient Electric Griddle	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	0	C&I Prescriptive	
915	Efficient Convection Oven	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	0	C&I Prescriptive	
916	Efficient Combination Oven-Electric	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	0	C&I Prescriptive	
917	Efficient Hot Food Holding Cabinet-Full-Size	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	0	C&I Prescriptive	
918	Efficient Hot Food Holding Cabinet-Three-Quarter-Size	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	0	C&I Prescriptive	
919	Efficient Hot Food Holding Cabinet-Half-Size	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	0	C&I Prescriptive	
920	Efficient Air-Cooled 101-200 lbs/day	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	0	C&I Prescriptive	
921	Efficient Air-Cooled 201-300 lbs/day	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	1	C&I Prescriptive	
922	Efficient Air-Cooled 301-400 lbs/day	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	1	C&I Prescriptive	
923	Efficient Air-Cooled 401-500 lbs/day	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	0	C&I Prescriptive	
924	Efficient ir-Cooled 501-1000 lbs/day	Food Service	10,000	2	100.0%	100%	75%	8.3%	1,250	0	C&I Prescriptive	

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
925	Efficient Air-Cooled 1001-1500 lbs/day	Food Service	10,000	3	100.0%	100%	75%	8.3%	1,875	1	C&I Prescriptive	
926	Efficient Air-Cooled > 1500 lbs/day	Food Service	10,000	4	100.0%	100%	75%	8.3%	2,500	0	C&I Prescriptive	
927	Efficient Solid-Door Refrigerator 2-Door 31-60 cf	Food Service	10,000	1	100.0%	100%	75%	8.3%	625	0	C&I Prescriptive	
928	Efficient Solid-Door Refrigerator 3-Door 61-90 cf	Food Service	10,000	2	100.0%	100%	75%	8.3%	1,250	0	C&I Prescriptive	
929	Efficient Solid-Door Freezer 2-Door 31-60 cf	Food Service	10,000	3	100.0%	100%	75%	8.3%	1,875	0	C&I Prescriptive	
930	Efficient Solid-Door Freezer 3-Door 61-90 cf	Food Service	10,000	4	100.0%	100%	75%	8.3%	2,500	0	C&I Prescriptive	
931	Vending Machine Controller	Food Service	97,071	1	100.0%	100%	75%	10.0%	7,280	1	C&I Prescriptive	
932	Vending Machine Controller	Food Service	97,071	1	100.0%	100%	75%	10.0%	7,280	1	C&I Prescriptive	
933	2 1-lamp F32T8 with EB and CFL Task Light	Office - Large	10,000	1	100.0%	100%	75%	9.1%	682	1	C&I Prescriptive	
934	2 1-lamp Super T8s with high-power EB	Office - Large	10,000	1	100.0%	100%	75%	9.1%	682	1	C&I Prescriptive	
935	2 1-lamp indirect fixture with T5	Office - Large	10,000	1	100.0%	100%	75%	9.1%	682	0	C&I Prescriptive	
936	High Bay T5 (4L4' F28T5/HO)	Office - Large	10,000	1	100.0%	100%	75%	5.6%	417	1	C&I Prescriptive	
937	26 W White LED Lamp	Office - Large	10,000	1	100.0%	100%	75%	16.7%	1,250	0	C&I Prescriptive	
938	LED Traffic Signal	Service	10,000	1	100.0%	100%	75%	10.0%	750	1	C&I Prescriptive	
939	LED Pedestrian Signal	Service	10,000	1	100.0%	100%	75%	10.0%	750	1	C&I Prescriptive	
940	Computer Power Management	Office - Large	676,018	1	100.0%	75%	75%	33.3%	126,753	1	C&I Prescriptive	
941	Variable speed drive for chilled water loop	Office - Large	3,970	1	100.0%	100%	75%	10.0%	298	1	C&I Prescriptive	
942	Variable speed drive for chilled water loop	Education	5,871	1	100.0%	100%	75%	10.0%	341	1	DCEO Public Sector Prescriptive	
943	Variable speed drive for chilled water loop	Warehouse and Storage	8,806	1	100.0%	100%	75%	10.0%	660	0	C&I Prescriptive	
944	Variable speed drive for chilled water loop	Retail - Large	981	1	100.0%	100%	75%	10.0%	74	0	C&I Prescriptive	
945	Variable speed drive for chilled water loop	Retail - Small	5,203	1	100.0%	100%	75%	10.0%	390	0	C&I Prescriptive	
946	Variable speed drive for chilled water loop	Office - Small	8,232	1	100.0%	100%	75%	10.0%	617	0	C&I Prescriptive	
947	Variable speed drive for chilled water loop	Assembly	6,442	2	100.0%	100%	75%	10.0%	775	0	DCEO Public Sector Prescriptive	
948	Variable speed drive for chilled water loop	Food Sales	5,489	1	100.0%	100%	75%	10.0%	412	0	C&I Prescriptive	
949	Variable speed drive for chilled water loop	Food Service	4,541	1	100.0%	100%	75%	10.0%	341	0	C&I Prescriptive	
950	Variable speed drive for chilled water loop	Lodging - Hotel	314	1	100.0%	100%	75%	10.0%	24	1	C&I Prescriptive	
951	Variable speed drive for chilled water loop	Lodging - Motel	670	1	100.0%	100%	75%	10.0%	50	0	C&I Prescriptive	
952	Variable speed drive for chilled water loop	Health Care	350	1	100.0%	100%	75%	10.0%	26	1	C&I Prescriptive	
953	Variable speed drive for hot water loop	Office - Large	3,970	1	100.0%	100%	75%	10.0%	298	1	C&I Prescriptive	
954	Variable speed drive for hot water loop	Education	5,871	1	100.0%	100%	75%	10.0%	341	1	DCEO Public Sector Prescriptive	
955	Variable speed drive for hot water loop	Warehouse and Storage	8,806	1	100.0%	100%	75%	10.0%	660	0	C&I Prescriptive	
956	Variable speed drive for chilled water loop	Retail - Large	981	1	100.0%	100%	75%	10.0%	74	0	C&I Prescriptive	
957	Variable speed drive for chilled water loop	Retail - Small	5,203	1	100.0%	100%	75%	10.0%	390	0	C&I Prescriptive	
958	Variable speed drive for chilled water loop	Office - Small	8,232	1	100.0%	100%	75%	10.0%	617	0	C&I Prescriptive	
959	Variable speed drive for chilled water loop	Assembly	6,442	2	100.0%	100%	75%	10.0%	775	0	DCEO Public Sector Prescriptive	
960	Variable speed drive for chilled water loop	Food Sales	5,489	1	100.0%	100%	75%	10.0%	412	0	C&I Prescriptive	
961	Variable speed drive for chilled water loop	Food Service	4,541	1	100.0%	100%	75%	10.0%	341	0	C&I Prescriptive	
962	Variable speed drive for chilled water loop	Lodging - Hotel	314	1	100.0%	100%	75%	10.0%	24	1	C&I Prescriptive	
963	Variable speed drive for chilled water loop	Lodging - Motel	670	1	100.0%	100%	75%	10.0%	50	0	C&I Prescriptive	
964	Variable speed drive for chilled water loop	Health Care	350	1	100.0%	100%	75%	10.0%	26	1	C&I Prescriptive	
965	Older building ceiling/roof insulation up to current standards	Office - Large	3,970	1	100.0%	100%	75%	5.0%	149	0	C&I Prescriptive	
966	Older building ceiling/roof insulation up to current standards	Education	5,871	1	100.0%	100%	75%	5.0%	170	0	DCEO Public Sector Prescriptive	
967	Older building ceiling/roof insulation up to current standards	Warehouse and Storage	8,806	1	100.0%	100%	75%	5.0%	330	0	C&I Prescriptive	
968	Older building ceiling/roof insulation up to current standards	Retail - Large	981	1	100.0%	100%	75%	5.0%	37	0	C&I Prescriptive	
969	Older building ceiling/roof insulation up to current standards	Retail - Small	5,203	1	100.0%	100%	75%	5.0%	195	0	C&I Prescriptive	
970	Older building ceiling/roof insulation up to current standards	Office - Small	8,232	1	100.0%	100%	75%	5.0%	309	0	C&I Prescriptive	
971	Older building ceiling/roof insulation up to current standards	Assembly	6,442	2	100.0%	100%	75%	5.0%	388	0	DCEO Public Sector Prescriptive	
972	Older building ceiling/roof insulation up to current standards	Food Sales	5,489	1	100.0%	100%	75%	5.0%	206	0	C&I Prescriptive	
973	Older building ceiling/roof insulation up to current standards	Food Service	4,541	1	100.0%	100%	75%	5.0%	170	0	C&I Prescriptive	
974	Older building ceiling/roof insulation up to current standards	Lodging - Hotel	314	1	100.0%	100%	75%	5.0%	12	0	C&I Prescriptive	
975	Older building ceiling/roof insulation up to current standards	Lodging - Motel	670	1	100.0%	100%	75%	5.0%	25	0	C&I Prescriptive	
976	Older building ceiling/roof insulation up to current standards	Health Care	350	1	100.0%	100%	75%	5.0%	13	0	C&I Prescriptive	
977	Chilled Water Loop temperature control	Office - Large	3,970	1	100.0%	100%	75%	10.0%	298	1	C&I Retrocommissioning	RCx
978	Chilled Water Loop temperature control	Education	5,871	1	100.0%	100%	75%	10.0%	341	1	DCEO Public Retrocommissioning	RCx
979	Chilled Water Loop temperature control	Warehouse and Storage	8,806	1	100.0%	100%	75%	10.0%	660	0	C&I Retrocommissioning	RCx
980	Chilled Water Loop temperature control	Retail - Large	981	1	100.0%	100%	75%	10.0%	74	0	C&I Retrocommissioning	RCx
981	Chilled Water Loop temperature control	Retail - Small	5,203	1	100.0%	100%	75%	10.0%	390	0	C&I Retrocommissioning	RCx
982	Chilled Water Loop temperature control	Office - Small	8,232	1	100.0%	100%	75%	10.0%	617	0	C&I Retrocommissioning	RCx
983	Chilled Water Loop temperature control	Assembly	6,442	2	100.0%	100%	75%	10.0%	775	0	DCEO Public Retrocommissioning	RCx
984	Chilled Water Loop temperature control	Food Sales	5,489	1	100.0%	100%	75%	10.0%	412	0	C&I Retrocommissioning	RCx
985	Chilled Water Loop temperature control	Food Service	4,541	1	100.0%	100%	75%	10.0%	341	0	C&I Retrocommissioning	RCx
986	Chilled Water Loop temperature control	Lodging - Hotel	314	1	100.0%	100%	75%	10.0%	24	1	C&I Retrocommissioning	RCx
987	Chilled Water Loop temperature control	Lodging - Motel	670	1	100.0%	100%	75%	10.0%	50	0	C&I Retrocommissioning	RCx
988	Chilled Water Loop temperature control	Health Care	350	1	100.0%	100%	75%	10.0%	26	1	C&I Retrocommissioning	RCx
989	Hot Water Loop temperature control	Office - Large	3,970	1	100.0%	100%	75%	10.0%	298	1	C&I Retrocommissioning	RCx

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
990	Hot Water Loop temperature control	Education	5,871	1	100.0%	100%	75%	10.0%	341	1	DCEO Public Retrocommissioning	RCx
991	Hot Water Loop temperature control	Warehouse and Storage	8,806	1	100.0%	100%	75%	10.0%	660	0	C&I Retrocommissioning	RCx
992	Hot Water Loop temperature control	Retail - Large	981	1	100.0%	100%	75%	10.0%	74	0	C&I Retrocommissioning	RCx
993	Hot Water Loop temperature control	Retail - Small	5,203	1	100.0%	100%	75%	10.0%	390	0	C&I Retrocommissioning	RCx
994	Hot Water Loop temperature control	Office - Small	8,232	1	100.0%	100%	75%	10.0%	617	0	C&I Retrocommissioning	RCx
995	Hot Water Loop temperature control	Assembly	6,442	2	100.0%	100%	75%	10.0%	775	0	DCEO Public Retrocommissioning	RCx
996	Hot Water Loop temperature control	Food Sales	5,489	1	100.0%	100%	75%	10.0%	412	0	C&I Retrocommissioning	RCx
997	Hot Water Loop temperature control	Food Service	4,541	1	100.0%	100%	75%	10.0%	341	0	C&I Retrocommissioning	RCx
998	Hot Water Loop temperature control	Lodging - Hotel	314	1	100.0%	100%	75%	10.0%	24	1	C&I Retrocommissioning	RCx
999	Hot Water Loop temperature control	Lodging - Motel	670	1	100.0%	100%	75%	10.0%	50	0	C&I Retrocommissioning	RCx
1000	Hot Water Loop temperature control	Health Care	350	1	100.0%	100%	75%	10.0%	26	1	C&I Retrocommissioning	RCx
1001	Dirty Air-cooled condenser coils are cleaned	Office - Large	3,970	1	100.0%	100%	75%	33.3%	993	0	C&I Retrocommissioning	RCx
1002	Dirty Air-cooled condenser coils are cleaned	Education	5,871	1	100.0%	100%	75%	33.3%	1,136	0	DCEO Public Retrocommissioning	RCx
1003	Dirty Air-cooled condenser coils are cleaned	Warehouse and Storage	8,806	1	100.0%	100%	75%	33.3%	2,202	1	C&I Retrocommissioning	RCx
1004	Dirty Air-cooled condenser coils are cleaned	Retail - Large	981	1	100.0%	100%	75%	33.3%	245	1	C&I Retrocommissioning	RCx
1005	Dirty Air-cooled condenser coils are cleaned	Retail - Small	5,203	1	100.0%	100%	75%	33.3%	1,301	1	C&I Retrocommissioning	RCx
1006	Dirty Air-cooled condenser coils are cleaned	Office - Small	8,232	1	100.0%	100%	75%	33.3%	2,058	1	C&I Retrocommissioning	RCx
1007	Dirty Air-cooled condenser coils are cleaned	Assembly	6,442	2	100.0%	100%	75%	33.3%	2,584	1	DCEO Public Retrocommissioning	RCx
1008	Dirty Air-cooled condenser coils are cleaned	Food Sales	5,489	1	100.0%	100%	75%	33.3%	1,372	1	C&I Retrocommissioning	RCx
1009	Dirty Air-cooled condenser coils are cleaned	Food Service	4,541	1	100.0%	100%	75%	33.3%	1,135	1	C&I Retrocommissioning	RCx
1010	Dirty Air-cooled condenser coils are cleaned	Lodging - Hotel	314	1	100.0%	100%	75%	33.3%	79	1	C&I Retrocommissioning	RCx
1011	Dirty Air-cooled condenser coils are cleaned	Lodging - Motel	670	1	100.0%	100%	75%	33.3%	168	1	C&I Retrocommissioning	RCx
1012	Dirty Air-cooled condenser coils are cleaned	Health Care	350	1	100.0%	100%	75%	33.3%	88	1	C&I Retrocommissioning	RCx
1013	Central HVAC system Economizer retrofit	Office - Large	3,970	1	100.0%	100%	75%	6.7%	199	0	C&I Retrocommissioning	RCx
1014	Central HVAC system Economizer retrofit	Education	5,871	1	100.0%	100%	75%	6.7%	227	0	DCEO Public Retrocommissioning	RCx
1015	Packaged system Economizer retrofit	Warehouse and Storage	8,806	1	100.0%	100%	75%	6.7%	440	0	C&I Retrocommissioning	RCx
1016	Central HVAC system Economizer retrofit	Retail - Large	981	1	100.0%	100%	75%	6.7%	49	0	C&I Retrocommissioning	RCx
1017	Central HVAC system Economizer retrofit	Retail - Small	5,203	1	100.0%	100%	75%	6.7%	260	0	C&I Retrocommissioning	RCx
1018	Packaged system Economizer retrofit	Office - Small	8,232	1	100.0%	100%	75%	6.7%	412	0	C&I Retrocommissioning	RCx
1019	Central HVAC system Economizer retrofit	Assembly	6,442	2	100.0%	100%	75%	6.7%	517	0	DCEO Public Retrocommissioning	RCx
1020	Central HVAC system Economizer retrofit	Food Sales	5,489	1	100.0%	100%	75%	6.7%	274	0	C&I Retrocommissioning	RCx
1021	Packaged system Economizer retrofit	Food Service	4,541	1	100.0%	100%	75%	6.7%	227	0	C&I Retrocommissioning	RCx
1022	Central HVAC system Economizer retrofit	Lodging - Hotel	314	1	100.0%	100%	75%	6.7%	16	0	C&I Retrocommissioning	RCx
1023	Central HVAC system Economizer retrofit	Lodging - Motel	670	1	100.0%	100%	75%	6.7%	34	0	C&I Retrocommissioning	RCx
1024	Packaged system Economizer retrofit	Health Care	350	1	100.0%	100%	75%	6.7%	18	0	C&I Retrocommissioning	RCx
1025	Light Colored Roof	Office - Large	3,970	1	100.0%	100%	75%	6.7%	199	0	C&I Prescriptive	
1026	Light Colored Roof	Education	5,871	1	100.0%	100%	75%	6.7%	227	0	DCEO Public Sector Prescriptive	
1027	Light Colored Roof	Warehouse and Storage	8,806	1	100.0%	100%	75%	6.7%	440	0	C&I Prescriptive	
1028	Light Colored Roof	Retail - Large	981	1	100.0%	100%	75%	6.7%	49	0	C&I Prescriptive	
1029	Light Colored Roof	Retail - Small	5,203	1	100.0%	100%	75%	6.7%	260	0	C&I Prescriptive	
1030	Light Colored Roof	Office - Small	8,232	1	100.0%	100%	75%	6.7%	412	0	C&I Prescriptive	
1031	Light Colored Roof	Assembly	6,442	2	100.0%	100%	75%	6.7%	517	0	DCEO Public Sector Prescriptive	
1032	Light Colored Roof	Food Sales	5,489	1	100.0%	100%	75%	6.7%	274	0	C&I Prescriptive	
1033	Light Colored Roof	Food Service	4,541	1	100.0%	100%	75%	6.7%	227	0	C&I Prescriptive	
1034	Light Colored Roof	Lodging - Hotel	314	1	100.0%	100%	75%	6.7%	16	0	C&I Prescriptive	
1035	Light Colored Roof	Lodging - Motel	670	1	100.0%	100%	75%	6.7%	34	0	C&I Prescriptive	
1036	Light Colored Roof	Health Care	350	1	100.0%	100%	75%	6.7%	18	0	C&I Prescriptive	
1037	time clocks control packaged system operation	Office - Large	3,970	1	100.0%	100%	75%	10.0%	298	1	C&I Retrocommissioning	RCx
1038	time clocks control packaged system operation	Education	5,871	1	100.0%	100%	75%	10.0%	341	1	DCEO Public Retrocommissioning	RCx
1039	time clocks control packaged system operation	Warehouse and Storage	8,806	1	100.0%	100%	75%	10.0%	660	1	C&I Retrocommissioning	RCx
1040	time clocks control packaged system operation	Retail - Large	981	1	100.0%	100%	75%	10.0%	74	1	C&I Retrocommissioning	RCx
1041	time clocks control packaged system operation	Retail - Small	5,203	1	100.0%	100%	75%	10.0%	390	0	C&I Retrocommissioning	RCx
1042	time clocks control packaged system operation	Office - Small	8,232	1	100.0%	100%	75%	10.0%	617	1	C&I Retrocommissioning	RCx
1043	time clocks control packaged system operation	Assembly	6,442	2	100.0%	100%	75%	10.0%	775	0	DCEO Public Retrocommissioning	RCx
1044	time clocks control packaged system operation	Food Sales	5,489	1	100.0%	100%	75%	10.0%	412	1	C&I Retrocommissioning	RCx
1045	time clocks control packaged system operation	Food Service	4,541	1	100.0%	100%	75%	10.0%	341	1	C&I Retrocommissioning	RCx
1046	time clocks control packaged system operation	Lodging - Hotel	314	1	100.0%	100%	75%	10.0%	24	1	C&I Retrocommissioning	RCx
1047	time clocks control packaged system operation	Lodging - Motel	670	1	100.0%	100%	75%	10.0%	50	1	C&I Retrocommissioning	RCx
1048	time clocks control packaged system operation	Health Care	350	1	100.0%	100%	75%	10.0%	26	1	C&I Retrocommissioning	RCx
1049	Base ventilation rate 25% higher than required	Office - Large	3,970	1	100.0%	100%	75%	10.0%	298	0	C&I Retrocommissioning	RCx
1050	Base ventilation rate 25% higher than required	Education	5,871	1	100.0%	100%	75%	10.0%	341	0	DCEO Public Retrocommissioning	RCx
1051	Base ventilation rate 25% higher than required	Warehouse and Storage	8,806	1	100.0%	100%	75%	10.0%	660	0	C&I Retrocommissioning	RCx
1052	Base ventilation rate 25% higher than required	Retail - Large	981	1	100.0%	100%	75%	10.0%	74	0	C&I Retrocommissioning	RCx
1053	Base ventilation rate 25% higher than required	Retail - Small	5,203	1	100.0%	100%	75%	10.0%	390	0	C&I Retrocommissioning	RCx
1054	Base ventilation rate 25% higher than required	Office - Small	8,232	1	100.0%	100%	75%	10.0%	617	0	C&I Retrocommissioning	RCx

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
1055	Base ventilation rate 25% higher than required	Assembly	6,442	2	100.0%	100%	75%	10.0%	775	0	DCEO Public Retrocommissioning	RCx
1056	Base ventilation rate 25% higher than required	Food Sales	5,489	1	100.0%	100%	75%	10.0%	412	0	C&I Retrocommissioning	RCx
1057	Base ventilation rate 25% higher than required	Food Service	4,541	1	100.0%	100%	75%	10.0%	341	0	C&I Retrocommissioning	RCx
1058	Base ventilation rate 25% higher than required	Lodging - Hotel	314	1	100.0%	100%	75%	10.0%	24	0	C&I Retrocommissioning	RCx
1059	Base ventilation rate 25% higher than required	Lodging - Motel	670	1	100.0%	100%	75%	10.0%	50	0	C&I Retrocommissioning	RCx
1060	Base ventilation rate 25% higher than required	Health Care	350	1	100.0%	100%	75%	10.0%	26	0	C&I Retrocommissioning	RCx
1061	Efficient chiller	Office - Large	3,970	1	100.0%	100%	75%	5.0%	149	1	C&I Prescriptive	
1062	Efficient chiller	Education	5,871	1	100.0%	100%	75%	5.0%	170	0	DCEO Public Sector Prescriptive	
1063	Efficient chiller	Warehouse and Storage	8,806	1	100.0%	100%	75%	5.0%	330	0	C&I Prescriptive	
1064	Efficient chiller	Retail - Large	981	1	100.0%	100%	75%	5.0%	37	0	C&I Prescriptive	
1065	Efficient chiller	Retail - Small	5,203	1	100.0%	100%	75%	5.0%	195	0	C&I Prescriptive	
1066	Efficient chiller	Office - Small	8,232	1	100.0%	100%	75%	5.0%	309	0	C&I Prescriptive	
1067	Efficient chiller	Assembly	6,442	2	100.0%	100%	75%	5.0%	388	0	DCEO Public Sector Prescriptive	
1068	Efficient chiller	Food Sales	5,489	1	100.0%	100%	75%	5.0%	206	0	C&I Prescriptive	
1069	Efficient chiller	Food Service	4,541	1	100.0%	100%	75%	5.0%	170	0	C&I Prescriptive	
1070	Efficient chiller	Lodging - Hotel	314	1	100.0%	100%	75%	5.0%	12	1	C&I Prescriptive	
1071	Efficient chiller	Lodging - Motel	670	1	100.0%	100%	75%	5.0%	25	0	C&I Prescriptive	
1072	Efficient chiller	Health Care	350	1	100.0%	100%	75%	5.0%	13	1	C&I Prescriptive	
1073	Efficient packaged AC	Office - Large	3,970	1	100.0%	100%	75%	6.7%	199	0	C&I Prescriptive	
1074	Efficient packaged AC	Education	5,871	1	100.0%	100%	75%	6.7%	227	0	DCEO Public Sector Prescriptive	
1075	Efficient packaged AC	Warehouse and Storage	8,806	1	100.0%	100%	75%	6.7%	440	1	C&I Prescriptive	
1076	Efficient packaged AC	Retail - Large	981	1	100.0%	100%	75%	6.7%	49	1	C&I Prescriptive	
1077	Efficient packaged AC	Retail - Small	5,203	1	100.0%	100%	75%	6.7%	260	1	C&I Prescriptive	
1078	Efficient packaged AC	Office - Small	8,232	1	100.0%	100%	75%	6.7%	412	1	C&I Prescriptive	
1079	Efficient packaged AC	Assembly	6,442	2	100.0%	100%	75%	6.7%	517	0	DCEO Public Sector Prescriptive	
1080	Efficient packaged AC	Food Sales	5,489	1	100.0%	100%	75%	6.7%	274	1	C&I Prescriptive	
1081	Efficient packaged AC	Food Service	4,541	1	100.0%	100%	75%	6.7%	227	1	C&I Prescriptive	
1082	Efficient packaged AC	Lodging - Hotel	314	1	100.0%	100%	75%	6.7%	16	0	C&I Prescriptive	
1083	Efficient packaged AC	Lodging - Motel	670	1	100.0%	100%	75%	6.7%	34	1	C&I Prescriptive	
1084	Efficient packaged AC	Health Care	350	1	100.0%	100%	75%	6.7%	18	0	C&I Prescriptive	
1085	Efficient boiler	Office - Large	3,970	1	100.0%	100%	75%	6.7%	199	0	C&I Prescriptive	
1086	Efficient boiler	Education	5,871	1	100.0%	100%	75%	6.7%	227	0	DCEO Public Sector Prescriptive	
1087	Efficient boiler	Warehouse and Storage	8,806	1	100.0%	100%	75%	6.7%	440	0	C&I Prescriptive	
1088	Efficient boiler	Retail - Large	981	1	100.0%	100%	75%	6.7%	49	0	C&I Prescriptive	
1089	Efficient boiler	Retail - Small	5,203	1	100.0%	100%	75%	6.7%	260	0	C&I Prescriptive	
1090	Efficient boiler	Office - Small	8,232	1	100.0%	100%	75%	6.7%	412	0	C&I Prescriptive	
1091	Efficient boiler	Assembly	6,442	2	100.0%	100%	75%	6.7%	517	0	DCEO Public Sector Prescriptive	
1092	Efficient boiler	Food Sales	5,489	1	100.0%	100%	75%	6.7%	274	0	C&I Prescriptive	
1093	Efficient boiler	Food Service	4,541	1	100.0%	100%	75%	6.7%	227	0	C&I Prescriptive	
1094	Efficient boiler	Lodging - Hotel	314	1	100.0%	100%	75%	6.7%	16	0	C&I Prescriptive	
1095	Efficient boiler	Lodging - Motel	670	1	100.0%	100%	75%	6.7%	34	0	C&I Prescriptive	
1096	Efficient boiler	Health Care	350	1	100.0%	100%	75%	6.7%	18	0	C&I Prescriptive	
1097	VAV box retrofit on constant volume system	Office - Large	3,970	1	100.0%	100%	75%	10.0%	298	1	C&I Prescriptive	
1098	VAV box retrofit on constant volume system	Education	5,871	1	100.0%	100%	75%	10.0%	341	1	DCEO Public Sector Prescriptive	
1099	VAV box retrofit on constant volume system	Warehouse and Storage	8,806	1	100.0%	100%	75%	10.0%	660	1	C&I Prescriptive	
1100	VAV box retrofit on constant volume system	Retail - Large	981	1	100.0%	100%	75%	10.0%	74	1	C&I Prescriptive	
1101	VAV box retrofit on constant volume system	Retail - Small	5,203	1	100.0%	100%	75%	10.0%	390	1	C&I Prescriptive	
1102	VAV box retrofit on constant volume system	Office - Small	8,232	1	100.0%	100%	75%	10.0%	617	1	C&I Prescriptive	
1103	VAV box retrofit on constant volume system	Assembly	6,442	2	100.0%	100%	75%	10.0%	775	1	DCEO Public Sector Prescriptive	
1104	VAV box retrofit on constant volume system	Food Sales	5,489	1	100.0%	100%	75%	10.0%	412	1	C&I Prescriptive	
1105	VAV box retrofit on constant volume system	Food Service	4,541	1	100.0%	100%	75%	10.0%	341	1	C&I Prescriptive	
1106	VAV box retrofit on constant volume system	Lodging - Hotel	314	1	100.0%	100%	75%	10.0%	24	1	C&I Prescriptive	
1107	VAV box retrofit on constant volume system	Lodging - Motel	670	1	100.0%	100%	75%	10.0%	50	0	C&I Prescriptive	
1108	VAV box retrofit on constant volume system	Health Care	350	1	100.0%	100%	75%	10.0%	26	1	C&I Prescriptive	
1109	Air-cooled multiplex system w/extensive refrigeration equipm	Food Sales	117,923	1	100.0%	100%	50%	25.0%	14,740	1	C&I Prescriptive	
1110	Turn off fixture lights when store closed	Food Sales	935,776	1	100.0%	50%	95%	6.3%	27,781	1	C&I Prescriptive	
1111	Floating SCT controlled to 70°F	Food Sales	117,923	1	100.0%	100%	50%	6.3%	3,685	1	C&I Prescriptive	
1112	Floating SCT controlled to 70°F	Food Sales	117,923	1	100.0%	100%	50%	6.3%	3,685	1	C&I Prescriptive	
1113	Floating SST control on LT and MT suction groups	Food Sales	117,923	1	100.0%	100%	50%	6.3%	3,685	1	C&I Prescriptive	
1114	Ambient following SCT setpoint, 70°F minimum, variable-spe	Food Sales	117,923	1	100.0%	100%	50%	6.3%	3,685	1	C&I Prescriptive	
1115	Wetbulb following SCT setpoint, 70°F minimum, variable-spe	Food Sales	117,923	1	100.0%	100%	50%	6.3%	3,685	1	C&I Prescriptive	
1116	Ambient following SCT setpoint, 70°F minimum	Food Sales	117,923	1	100.0%	100%	50%	6.3%	3,685	1	C&I Prescriptive	
1117	Wetbulb following SCT setpoint, 70°F minimum	Food Sales	117,923	1	100.0%	100%	50%	6.3%	3,685	1	C&I Prescriptive	
1118	Cycle fan off with thermostat; duty cycle occasionally when c	Food Sales	500	1	100.0%	100%	75%	6.3%	23	1	C&I Prescriptive	
1119	Adds an 85°F holdback valve, active only when needed	Food Sales	500	1	100.0%	100%	75%	6.3%	23	0	C&I Prescriptive	

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
1120	Cover open MT cases between 1-5 a.m.	Food Sales	500	1	100.0%	100%	75%	20.0%	75	0	C&I Prescriptive	
1121	Upgrade from 53 Btu/Watt @ 10°F TD to 85 Btu/Watt	Food Sales	117,923	1	100.0%	100%	50%	6.7%	3,931	1	C&I Prescriptive	
1122	Substitute high efficiency motors for standard efficiency	Food Sales	935,776	1	100.0%	50%	95%	6.7%	29,633	1	C&I Prescriptive	
1123	Reduce design SCT by ~5°F and improve efficiency	Food Sales	117,923	1	100.0%	100%	50%	6.7%	3,931	1	C&I Prescriptive	
1124	Replace multiplex air-cooled condenser with evaporative cor	Food Sales	117,923	1	100.0%	100%	50%	6.7%	3,931	1	C&I Prescriptive	
1125	Substitute high efficiency motors for standard efficiency	Food Sales	500	1	100.0%	100%	75%	6.7%	25	1	C&I Prescriptive	
1126	Addition of LT and MT subcoolers to an air-cooled multiplex	Food Sales	117,923	1	100.0%	100%	50%	10.0%	5,896	0	C&I Prescriptive	
1127	Addition of a LT subcooler to an air-cooled multiplex	Food Sales	500	1	100.0%	100%	75%	10.0%	38	1	C&I Prescriptive	
1128	Install automatic door closer on walk-in cooler doors	Food Sales	500	1	100.0%	100%	75%	12.5%	47	0	C&I Prescriptive	
1129	Install automatic door closer on walk-in freezer doors	Food Sales	500	1	100.0%	100%	75%	12.5%	47	1	C&I Prescriptive	
1130	Replace single-compressor system with subcooled multiplex	Food Sales	117,923	1	100.0%	100%	50%	10.0%	5,896	0	C&I Prescriptive	
1131	Replace single-compressor system with subcooled multiplex	Food Sales	117,923	1	100.0%	100%	50%	10.0%	5,896	0	C&I Prescriptive	
1132	Replace single-compressor system with subcooled multiplex	Food Sales	117,923	1	100.0%	100%	50%	10.0%	5,896	0	C&I Prescriptive	
1133	Replace single-compressor system with subcooled multiplex	Food Sales	117,923	1	100.0%	100%	50%	10.0%	5,896	0	C&I Prescriptive	
1134	Replace open MT case with new case with doors	Food Sales	935,776	1	100.0%	50%	95%	8.3%	37,041	0	C&I Prescriptive	
1135	Retrofit glass doors on open MT cases; additional lighting	Food Sales	935,776	1	100.0%	50%	95%	8.3%	37,041	0	C&I Prescriptive	
1136	Eliminate anti-sweat heaters from doors	Food Sales	500	1	100.0%	100%	75%	6.3%	23	1	C&I Prescriptive	
1137	New HomeRefrigerator - ENERGY STAR	All Residential	3,330,594	1	100.0%	100%	90%	6.7%	199,836	0	DCEO Low Income New Const. Gut I	
1138	New Home 6 indoor + 2 outdoor CFLs	All Residential	3,330,594	1	100.0%	100%	90%	14.3%	428,219	1	DCEO Low Income New Const. Gut I	
1139	Air Conditioner - SEER 14 + Programmable Thermostat	All Residential	3,330,594	1	100.0%	100%	90%	7.1%	214,110	1	DCEO Low Income New Const. Gut I	
1140	New Home Improved thermal envelope	All Residential	3,330,594	1	100.0%	100%	90%	5.0%	149,877	0	DCEO Low Income New Const. Gut I	
1141	Dishwasher - ENERGY STAR	All Residential	3,330,594	1	100.0%	100%	90%	8.3%	249,795	0	DCEO Low Income New Const. Gut I	
1142	New Home ENERGY STAR Bathroom Exhaust Fan	All Residential	3,330,594	1	100.0%	100%	90%	6.7%	199,836	0	DCEO Low Income New Const. Gut I	
1143	90% AFUE furnace w/ efficient air handler	All Residential	3,330,594	1	100.0%	100%	90%	6.7%	199,836	1	DCEO Single Family Rehab	
1144	Retrofit Refrigerator - ENERGY STAR	All Residential	3,330,594	1	100.0%	100%	90%	6.7%	199,836	0	DCEO Single Family Rehab	
1145	Advanced Lighting Package (10 CFL Fixtures at 3 hrs/day)	All Residential	3,330,594	1	100.0%	100%	90%	14.3%	428,219	0	DCEO Single Family Rehab	
1146	ENERGY STAR Bathroom Exhaust Fan	All Residential	3,330,594	1	100.0%	100%	90%	6.7%	199,836	0	DCEO Single Family Rehab	
1147	Dishwasher - ENERGY STAR	All Residential	3,330,594	1	100.0%	100%	90%	8.3%	249,795	0	DCEO Single Family Rehab	
1148	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential	3,330,594	1	100.0%	100%	90%	7.1%	214,110	1	DCEO Single Family Rehab	
1149	WindowAir Conditioner - ENERGY STAR	All Residential	3,330,594	1	100.0%	100%	90%	8.3%	249,795	1	DCEO Single Family Rehab	
1150	Improved thermal envelope	All Residential	3,330,594	1	100.0%	100%	90%	5.0%	149,877	0	DCEO Single Family Rehab	
1151	New HomeRefrigerator - ENERGY STAR	All Residential	3,330,594	1	100.0%	100%	90%	6.7%	199,836	0	DCEO Low Income EE Moderate Rel	
1152	New Home 6 indoor + 2 outdoor CFLs	All Residential	3,330,594	1	100.0%	100%	90%	14.3%	428,219	1	DCEO Low Income EE Moderate Rel	
1153	New Home ENERGY STAR Bathroom Exhaust Fan	All Residential	3,330,594	1	100.0%	100%	90%	6.7%	199,836	0	DCEO Low Income EE Moderate Rel	
1154	Dishwasher - ENERGY STAR	All Residential	3,330,594	1	100.0%	100%	90%	8.3%	249,795	0	DCEO Low Income EE Moderate Rel	
1155	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential	3,330,594	1	100.0%	100%	90%	7.1%	214,110	0	DCEO Low Income EE Moderate Rel	
1156	WindowAir Conditioner - ENERGY STAR	All Residential	3,330,594	1	100.0%	100%	90%	8.3%	249,795	1	DCEO Low Income EE Moderate Rel	
1157	Improved thermal envelope	All Residential	3,330,594	1	100.0%	100%	90%	5.0%	149,877	0	DCEO Low Income EE Moderate Rel	
1158	90% AFUE furnace w/ efficient air handler	All Residential	3,330,594	1	100.0%	100%	90%	6.7%	199,836	1	DCEO Low Income EE Moderate Rel	
1159	15W CFL	All Residential	3,330,594	1	100.0%	100%	90%	14.3%	428,219	1	DCEO Lights for Learning	
1160	20W CFL	All Residential	3,330,594	1	100.0%	100%	90%	14.3%	428,219	1	DCEO Lights for Learning	
1161	25W CFL	All Residential	3,330,594	1	100.0%	100%	90%	14.3%	428,219	1	DCEO Lights for Learning	
1162	15W CFL daylight	All Residential	3,330,594	1	100.0%	100%	90%	14.3%	428,219	1	DCEO Lights for Learning	
1163	20W CFL daylight	All Residential	3,330,594	1	100.0%	100%	90%	14.3%	428,219	1	DCEO Lights for Learning	
1164	13W capsule	All Residential	3,330,594	1	100.0%	100%	90%	14.3%	428,219	1	DCEO Lights for Learning	
1165	16W CFL reflector	All Residential	3,330,594	1	100.0%	100%	90%	14.3%	428,219	1	DCEO Lights for Learning	
1166	Refrigerator - ENERGY STAR	All Residential	3,330,594	1	100.0%	100%	90%	6.7%	199,836	0	DCEO Low Income Direct Install	
1167	12 CFLs at 3 hours per day	All Residential	3,330,594	1	100.0%	100%	90%	14.3%	428,219	1	DCEO Low Income Direct Install	
1168	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential	3,330,594	1	100.0%	100%	90%	7.1%	214,110	0	DCEO Low Income Direct Install	
1169	WindowAir Conditioner - ENERGY STAR	All Residential	3,330,594	1	100.0%	100%	90%	8.3%	249,795	1	DCEO Low Income Direct Install	
1170	Public Sector Custom - Efficient Technologies	Assembly	#N/A	1	100.0%	100%	90%	6.7%	50	1	DCEO Public Sector Customized Pro	
1171	Ceiling Mounted Motion Sensor	Office - Large	3,362,326	1	5.0%	100%	50%	12.5%	10,507	1	C&I Prescriptive	
1172	New Construction Upgrades from Base	Office - Large	3,970	1	100.0%	100%	75%	5.0%	149	0	C&I Prescriptive	
1173	New Construction Upgrades from ASHRAE 90.1-1999	Office - Large	3,970	1	100.0%	100%	75%	5.0%	149	1	C&I New Construction	New Construction
1174	New Construction Upgrades from ASHRAE 90.1-2004	Office - Large	3,970	1	100.0%	100%	75%	5.0%	149	1	C&I New Construction	New Construction
1175	Christmas Lights LED Mini Lights - 25 count	Service	1,000	1	100.0%	100%	100%	100.0%	1,000	0	Residential Lighting	
1176	Christmas Lights LED C7 - 25 count	Service	1,000	1	100.0%	100%	100%	100.0%	1,000	1	Residential Lighting	
1177	Christmas Lights LED C9 - 25 count	Service	1,000	1	100.0%	100%	100%	100.0%	1,000	1	Residential Lighting	
1178	New Home Advanced Lighting Package	Single Family, Detached	2,210,530	1	0.1%	100%	90%	100.0%	2,797	1	Residential Advanced Lighting	
1179	New Home Advanced Lighting Package	Single Family, Attached	158,719	1	0.1%	100%	90%	100.0%	201	1	Residential Advanced Lighting	
1180	New Home Advanced Lighting Package	Multi-family	153,047	1	0.1%	100%	90%	100.0%	194	1	Residential Advanced Lighting	
1181	Proper Refrigerant Charge + Duct Sealing + Manual J Sizing	Single Family, Attached	158,719	1	90.3%	100%	67%	10.0%	9,603	0	Residential AC Tuneup	
1182	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Attached	158,719	1	90.3%	100%	67%	10.0%	9,603	1	Residential AC Tuneup	
1183	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Attached	158,719	1	90.3%	100%	95%	5.6%	5,673	1	Residential New HVAC	
1184	Sizing (115%)	Single Family, Attached	158,719	1	90.3%	100%	95%	5.6%	5,673	1	Residential New HVAC	
1187	Proper Refrigerant Charge + Duct Sealing + Manual J Sizing	Single Family, Detached	2,210,530	1	90.3%	100%	67%	10.0%	133,739	0	Residential AC Tuneup	
1188	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Detached	2,210,530	1	90.3%	100%	67%	10.0%	133,739	1	Residential AC Tuneup	
1189	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Detached	2,210,530	1	90.3%	100%	95%	5.6%	79,013	1	Residential New HVAC	

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
1190	Sizing (115%)	Single Family, Detached	2,210,530	1	90.3%	100%	95%	5.6%	79,013	1	Residential New HVAC	
1191	Duct Sealing (7CFA)	Single Family, Detached	2,210,530	1	90.3%	100%	67%	5.6%	74,300	0	Residential AC Tuneup	
1192	Duct Sealing (7CFA)	Single Family, Detached	2,210,530	1	90.3%	100%	67%	5.6%	74,300	0	Residential AC Tuneup	
1193	Proper Refrigerant Charge + Manual J Sizing	Multi-family	153,047	1	90.3%	100%	67%	10.0%	9,259	0	Residential AC Tuneup	
1194	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Multi-family	153,047	1	90.3%	100%	67%	10.0%	9,259	1	Residential AC Tuneup	
1195	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Multi-family	961,345	1	90.3%	100%	95%	5.6%	34,362	1	Residential New HVAC	
1196	Sizing (115%)	Multi-family	961,345	1	90.3%	100%	95%	5.6%	34,362	1	Residential New HVAC	
1199	Custom Lighting	Service	1	1	100.0%	100%	100%	100.0%	1	1	C&I Custom	
1200	Load control switch	Single Family, Detached	2,210,530	1	90.3%	100%	100%	100.0%	1,996,109	1	Nature First Expansion	Direct Load Control
1204	1 LEED Point (11% above code)	Education	1,000	1	100.0%	100%	90%	5.0%	50	1	DCEO Public Sector New Constructi	
1205	2 LEED Points (14% above code)	Education	1,000	1	100.0%	100%	90%	5.0%	50	1	DCEO Public Sector New Constructi	
1206	4 LEED Points (21% above code)	Education	1,000	1	100.0%	100%	90%	5.0%	50	1	DCEO Public Sector New Constructi	
1207	5 LEED Points (25% above code)	Education	1,000	1	100.0%	100%	90%	5.0%	50	1	DCEO Public Sector New Constructi	
1208	7 LEED Points (32% above code)	Education	1,000	1	100.0%	100%	90%	5.0%	50	1	DCEO Public Sector New Constructi	
1209	0 LEED Points (10% above code)	Assembly	1,000	1	100.0%	100%	90%	5.0%	50	1	DCEO Public Sector New Constructi	
1210	1 LEED Point (15% above code)	Assembly	1,000	1	100.0%	100%	90%	5.0%	50	1	DCEO Public Sector New Constructi	
1211	2 LEED Points (20% above code)	Assembly	1,000	1	100.0%	100%	90%	5.0%	50	1	DCEO Public Sector New Constructi	
1212	3 LEED Points (25% above code)	Assembly	1,000	1	100.0%	100%	90%	5.0%	50	1	DCEO Public Sector New Constructi	
1213	4 LEED Point (30% above code)	Assembly	1,000	1	100.0%	100%	90%	5.0%	50	1	DCEO Public Sector New Constructi	
1214	Lights for Learning CFL	Single Family, Detached	1,000	1	100.0%	100%	90%	14.3%	50	1	DCEO Lights for Learning	
1215	Base Compressed Air	Industrial	28,021,539,757	1	100.0%	9%	100%	0.0%	0	0	C&I Custom	Industrial
1216	Compressed Air-O&M	Industrial	28,021,539,757	1	100.0%	9%	75%	16.8%	307,172,119	1	C&I Custom	Industrial
1217	Compressed Air - Controls	Industrial	28,021,539,757	1	100.0%	9%	25%	12.0%	73,136,219	1	C&I Custom	Industrial
1218	Compressed Air - System Optimization	Industrial	28,021,539,757	1	100.0%	9%	50%	20.0%	243,787,396	1	C&I Custom	Industrial
1219	Compressed Air- Sizing	Industrial	28,021,539,757	1	100.0%	9%	40%	9.0%	87,763,463	1	C&I Custom	Industrial
1220	Comp Air - Replace 1-5 HP motor	Industrial	28,021,539,757	1	4.8%	9%	87%	5.7%	0	0	C&I Custom	Industrial
1221	Comp Air - ASD (1-5 hp)	Industrial	28,021,539,757	1	4.8%	9%	100%	6.4%	0	0	C&I Custom	Industrial
1222	Comp Air - Motor practices-1 (1-5 HP)	Industrial	28,021,539,757	1	4.8%	9%	100%	4.8%	5,616,862	1	C&I Custom	Industrial
1223	Comp Air - Replace 6-100 HP motor	Industrial	28,021,539,757	1	35.7%	9%	62%	3.5%	0	0	C&I Custom	Industrial
1224	Comp Air - ASD (6-100 hp)	Industrial	28,021,539,757	1	35.7%	9%	100%	6.4%	55,822,099	1	C&I Custom	Industrial
1225	Comp Air - Motor practices-1 (6-100 HP)	Industrial	28,021,539,757	1	35.7%	9%	100%	2.4%	20,887,704	1	C&I Custom	Industrial
1226	Comp Air - Replace 100+ HP motor	Industrial	28,021,539,757	1	59.3%	9%	38%	3.1%	17,029,866	1	C&I Custom	Industrial
1227	Comp Air - ASD (100+ hp)	Industrial	28,021,539,757	1	59.3%	9%	100%	6.4%	92,724,103	1	C&I Custom	Industrial
1228	Comp Air - Motor practices-1 (100+ HP)	Industrial	28,021,539,757	1	59.3%	9%	100%	1.5%	21,684,889	1	C&I Custom	Industrial
1229	Power recovery	Industrial	28,021,539,757	1	0.0%	0%	100%	0.0%	0	0	C&I Custom	Industrial
1230	Refinery Controls	Industrial	28,021,539,757	1	0.0%	0%	100%	0.0%	0	0	C&I Custom	Industrial
1231	Energy Star Transformers	Industrial	28,021,539,757	1	2.0%	9%	40%	20.0%	0	0	C&I Custom	Industrial
1232	Base Fans	Industrial	28,021,539,757	1	100.0%	10%	100%	0.0%	0	0	C&I Custom	Industrial
1233	Fans - O&M	Industrial	28,021,539,757	1	100.0%	10%	50%	2.0%	26,682,496	1	C&I Custom	Industrial
1234	Fans - Controls	Industrial	28,021,539,757	1	100.0%	10%	25%	30.0%	200,118,720	1	C&I Custom	Industrial
1235	Fans - System Optimization	Industrial	28,021,539,757	1	100.0%	10%	15%	21.2%	84,755,006	1	C&I Custom	Industrial
1236	Fans- Improve components	Industrial	28,021,539,757	1	100.0%	10%	20%	5.0%	26,682,496	1	C&I Custom	Industrial
1237	Fans - Replace 1-5 HP motor	Industrial	28,021,539,757	1	4.8%	10%	87%	5.7%	0	0	C&I Custom	Industrial
1238	Fans - ASD (1-5 hp)	Industrial	28,021,539,757	1	4.8%	10%	100%	6.4%	0	0	C&I Custom	Industrial
1239	Fans - Motor practices-1 (1-5 HP)	Industrial	28,021,539,757	1	4.8%	10%	100%	4.8%	6,147,647	1	C&I Custom	Industrial
1240	Fans - Replace 6-100 HP motor	Industrial	28,021,539,757	1	35.7%	10%	62%	3.5%	0	0	C&I Custom	Industrial
1241	Fans - ASD (6-100 hp)	Industrial	28,021,539,757	1	35.7%	10%	100%	6.4%	61,097,208	1	C&I Custom	Industrial
1242	Fans - Motor practices-1 (6-100 HP)	Industrial	28,021,539,757	1	35.7%	10%	100%	2.4%	22,861,563	1	C&I Custom	Industrial
1243	Fans - Replace 100+ HP motor	Industrial	28,021,539,757	1	59.3%	10%	38%	3.1%	0	1	C&I Custom	Industrial
1244	Fans - ASD (100+ hp)	Industrial	28,021,539,757	1	59.3%	10%	100%	6.4%	101,486,399	1	C&I Custom	Industrial
1245	Fans - Motor practices-1 (100+ HP)	Industrial	28,021,539,757	1	59.3%	10%	100%	1.5%	23,734,080	1	C&I Custom	Industrial
1246	Optimize drying process	Industrial	28,021,539,757	1	0.0%	0%	100%	0.0%	0	0	C&I Custom	Industrial
1247	Power recovery	Industrial	28,021,539,757	1	0.0%	0%	100%	0.0%	0	0	C&I Custom	Industrial
1248	Refinery Controls	Industrial	28,021,539,757	1	0.0%	0%	100%	0.0%	0	0	C&I Custom	Industrial
1249	Energy Star Transformers	Industrial	28,021,539,757	1	2.0%	10%	40%	20.0%	0	0	C&I Custom	Industrial
1250	Base Pumps	Industrial	28,021,539,757	1	100.0%	17%	100%	0.0%	0	0	C&I Custom	Industrial
1251	Pumps - O&M	Industrial	28,021,539,757	1	100.0%	17%	40%	10.0%	187,811,678	1	C&I Custom	Industrial
1252	Pumps - Controls	Industrial	28,021,539,757	1	100.0%	17%	35%	30.0%	493,005,654	1	C&I Custom	Industrial
1253	Pumps - System Optimization	Industrial	28,021,539,757	1	100.0%	17%	30%	33.0%	464,833,902	1	C&I Custom	Industrial
1254	Pumps - Sizing	Industrial	28,021,539,757	1	100.0%	17%	20%	20.0%	187,811,678	1	C&I Custom	Industrial
1255	Pumps - Replace 1-5 HP motor	Industrial	28,021,539,757	1	4.8%	17%	87%	5.7%	0	0	C&I Custom	Industrial
1256	Pumps - ASD (1-5 hp)	Industrial	28,021,539,757	1	4.8%	17%	100%	6.4%	0	0	C&I Custom	Industrial
1257	Pumps - Motor practices-1 (1-5 HP)	Industrial	28,021,539,757	1	4.8%	17%	100%	4.8%	10,817,953	1	C&I Custom	Industrial
1258	Pumps - Replace 6-100 HP motor	Industrial	28,021,539,757	1	35.7%	17%	62%	3.5%	0	0	C&I Custom	Industrial
1259	Pumps - ASD (6-100 hp)	Industrial	28,021,539,757	1	35.7%	17%	100%	6.4%	107,512,142	1	C&I Custom	Industrial
1260	Pumps - Motor practices-1 (6-100 HP)	Industrial	28,021,539,757	1	35.7%	17%	100%	2.4%	40,229,261	1	C&I Custom	Industrial

ICF ID	Efficient Technology	Sub Division	Total Sub Division Units	Technology Units per Sub Division Unit	Relevance	Technical Applicability	Not Yet Adopted	Annual Replacement Eligibility	Total Applicable Technology Units	Include	Program	Special Measure
1261	Pumps - Replace 100+ HP motor	Industrial	28,021,539,757	1	59.3%	17%	38%	3.1%	0	1	C&I Custom	Industrial
1262	Pumps - ASD (100+ hp)	Industrial	28,021,539,757	1	59.3%	17%	100%	6.4%	178,584,594	1	C&I Custom	Industrial
1263	Pumps - Motor practices-1 (100+ HP)	Industrial	28,021,539,757	1	59.3%	17%	100%	1.5%	41,764,622	1	C&I Custom	Industrial
1264	Power recovery	Industrial	28,021,539,757	1	0.0%	0%	100%	0.0%	0	0	C&I Custom	Industrial
1265	Refinery Controls	Industrial	28,021,539,757	1	0.0%	0%	100%	0.0%	0	0	C&I Custom	Industrial
1266	Energy Star Transformers	Industrial	28,021,539,757	1	2.0%	17%	40%	20.0%	0	0	C&I Custom	Industrial
1267	Base Drives	Industrial	28,021,539,757	1	100.0%	3%	100%	0.0%	0	0	C&I Custom	Industrial
1268	Bakery - Process (Mixing) - O&M	Industrial	8,444,956	1	100.0%	3%	70%	10.0%	20,158	1	C&I Custom	Industrial
1269	O&M/drives spinning machines	Industrial	28,021,539,757	1	0.0%	0%	100%	16.0%	0	1	C&I Custom	Industrial
1270	Air conveying systems	Industrial	28,021,539,757	1	0.0%	0%	100%	41.3%	0	1	C&I Custom	Industrial
1271	Replace V-Belts	Industrial	28,021,539,757	1	0.0%	0%	100%	6.0%	0	1	C&I Custom	Industrial
1272	Drives - EE motor	Industrial	28,021,539,757	1	0.0%	0%	100%	3.5%	0	1	C&I Custom	Industrial
1273	Gap Forming papermachine	Industrial	28,021,539,757	1	0.0%	0%	100%	7.9%	0	1	C&I Custom	Industrial
1274	High Consistency forming	Industrial	28,021,539,757	1	0.0%	0%	100%	7.6%	0	1	C&I Custom	Industrial
1275	Optimization control PM	Industrial	28,021,539,757	1	0.0%	0%	100%	5.0%	0	1	C&I Custom	Industrial
1276	Efficient practices printing press	Industrial	28,021,539,757	1	0.0%	0%	100%	10.0%	0	1	C&I Custom	Industrial
1277	Efficient Printing press (fewer cylinders)	Industrial	28,021,539,757	1	0.0%	0%	100%	20.0%	0	1	C&I Custom	Industrial
1278	Light cylinders	Industrial	28,021,539,757	1	0.0%	0%	100%	10.0%	0	0	C&I Custom	Industrial
1279	Efficient drives	Industrial	28,021,539,757	1	0.0%	0%	100%	3.5%	0	1	C&I Custom	Industrial
1280	Clean Room - Controls	Industrial	445,098,883	1	0.0%	0%	100%	10.0%	1,063,450	1	C&I Custom	Industrial
1281	Clean Room - New Designs	Industrial	445,098,883	1	0.0%	0%	100%	30.0%	1,276,140	0	C&I Custom	Industrial
1282	Drives - Process Controls (batch + site)	Industrial	12,951,943,945	1	0.0%	0%	100%	8.0%	0	1	C&I Custom	Industrial
1283	Process Drives - ASD	Industrial	3,973,645,564	1	0.0%	0%	100%	0.6%	2,569,711	1	C&I Custom	Industrial
1284	O&M - Extruders/Injection Moulding	Industrial	1,205,777,208	1	0.0%	0%	100%	10.0%	19,690,456	1	C&I Custom	Industrial
1285	Extruders/injection Moulding-multipump	Industrial	1,205,777,208	1	0.0%	0%	100%	30.0%	23,628,548	1	C&I Custom	Industrial
1286	Direct drive Extruders	Industrial	1,205,777,208	1	0.0%	0%	100%	50.0%	0	0	C&I Custom	Industrial
1287	Injection Moulding - Impulse Cooling	Industrial	1,205,777,208	1	0.0%	0%	100%	21.0%	10,337,490	1	C&I Custom	Industrial
1288	Injection Moulding - Direct drive	Industrial	1,205,777,208	1	0.0%	0%	100%	20.0%	9,845,228	1	C&I Custom	Industrial
1289	Efficient grinding	Industrial	1,105,160,294	1	0.0%	0%	100%	21.0%	0	0	C&I Custom	Industrial
1290	Process control	Industrial	11,515,850	1	0.0%	0%	100%	2.0%	23,242	1	C&I Custom	Industrial
1291	Process optimization	Industrial	11,515,850	1	0.0%	0%	100%	10.0%	14,526	1	C&I Custom	Industrial
1292	Drives - Process Control	Industrial	2,091,368,634	1	0.0%	0%	100%	5.0%	10,739,719	1	C&I Custom	Industrial
1293	Efficient drives - rolling	Industrial	1,966,229,733	1	0.0%	0%	100%	5.8%	11,712,634	1	C&I Custom	Industrial
1294	Drives - Optimization process (M&T)	Industrial	3,307,532,687	1	0.0%	0%	100%	10.0%	0	1	C&I Custom	Industrial
1295	Drives - Scheduling	Industrial	3,307,532,687	1	0.0%	0%	100%	5.5%	0	1	C&I Custom	Industrial
1296	Machinery	Industrial	12,951,943,945	1	0.0%	0%	100%	7.0%	0	1	C&I Custom	Industrial
1297	Efficient Machinery	Industrial	12,951,943,945	1	0.0%	0%	100%	3.5%	0	1	C&I Custom	Industrial
1298	Energy Star Transformers	Industrial	28,021,539,757	1	2.0%	3%	40%	20.0%	1,528,855	0	C&I Custom	Industrial
1299	Base Heating	Industrial	28,021,539,757	1	100.0%	8%	100%	0.0%	0	0	C&I Custom	Industrial
1300	Bakery - Process	Industrial	96,913,779	1	100.0%	8%	30%	37.0%	867,049	1	C&I Custom	Industrial
1301	Drying (UV/IR)	Industrial	4,116,713,062	1	0.0%	0%	100%	26.2%	0	1	C&I Custom	Industrial
1302	Heat Pumps - Drying	Industrial	4,116,713,062	1	0.0%	0%	100%	22.0%	0	0	C&I Custom	Industrial
1303	Top-heating (glass)	Industrial	382,958,454	1	0.0%	0%	100%	4.0%	448,416	1	C&I Custom	Industrial
1304	Efficient electric melting	Industrial	1,885,257,503	1	0.0%	0%	100%	10.0%	8,558,003	1	C&I Custom	Industrial
1305	Intelligent extruder (DOE)	Industrial	1,966,229,733	1	0.0%	0%	100%	2.0%	0	0	C&I Custom	Industrial
1306	Near Net Shape Casting	Industrial	1,966,229,733	1	0.0%	0%	100%	12.0%	2,380,152	1	C&I Custom	Industrial
1307	Heating - Process Control	Industrial	1,885,257,503	1	0.0%	0%	100%	5.0%	9,508,892	1	C&I Custom	Industrial
1308	Efficient Curing ovens	Industrial	4,116,713,062	1	0.0%	0%	100%	20.0%	0	1	C&I Custom	Industrial
1309	Heating - Optimization process (M&T)	Industrial	4,116,713,062	1	0.0%	0%	100%	10.0%	0	1	C&I Custom	Industrial
1310	Heating - Scheduling	Industrial	4,116,713,062	1	0.0%	0%	100%	5.5%	0	1	C&I Custom	Industrial
1311	Energy Star Transformers	Industrial	28,021,539,757	1	2.0%	8%	40%	20.0%	0	0	C&I Custom	Industrial
1312	Base Refrigeration	Industrial	28,021,539,757	1	100.0%	26%	100%	0.0%	0	0	C&I Custom	Industrial
1313	Efficient Refrigeration - Operations	Industrial	805,748,200	1	100.0%	26%	22%	12.0%	5,501,688	1	C&I Custom	Industrial
1314	Optimization Refrigeration	Industrial	805,748,200	1	100.0%	26%	15%	26.0%	8,430,510	1	C&I Custom	Industrial
1315	Energy Star Transformers	Industrial	28,021,539,757	1	2.0%	26%	40%	20.0%	0	0	C&I Custom	Industrial
1316	Base Other Process	Industrial	28,021,539,757	1	100.0%	0%	100%	0.0%	0	0	C&I Custom	Industrial
1317	Other Process Controls (batch + site)	Industrial	986,840,583	1	0.0%	0%	100%	8.0%	2,681,838	1	C&I Custom	Industrial
1318	Efficient desalter	Industrial	3,307,532,687	1	0.0%	0%	100%	20.0%	0	1	C&I Custom	Industrial
1319	New transformers welding	Industrial	3,307,532,687	1	0.0%	0%	100%	25.0%	0	1	C&I Custom	Industrial
1320	Efficient processes (welding, etc.)	Industrial	72,301,472	1	0.0%	0%	100%	25.0%	433,809	1	C&I Custom	Industrial
1321	Process control	Industrial	3,307,532,687	1	0.0%	0%	100%	4.0%	0	1	C&I Custom	Industrial
1322	Power recovery	Industrial	3,307,532,687	1	0.0%	0%	100%	1.0%	0	1	C&I Custom	Industrial
1323	Refinery Controls	Industrial	3,307,532,687	1	0.0%	0%	100%	2.5%	0	1	C&I Custom	Industrial
1324	Energy Star Transformers	Industrial	0	1	2.0%	0%	40%	20.0%	0	0	C&I Custom	Industrial
1325	Replace V-belts	Industrial	28,021,539,757	1	73.1%	7%	50%	0.1%	411,917	1	C&I Custom	Industrial

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations 2008	Installations 2009	Installations 2010	kWh Savings 2008	kWh Savings 2009	kWh Savings 2010	kW Savings 2008	kW Savings 2009	kW Savings 2010
1	Efficient Clothes Dryer	All Residential		0	0	0	0	0	0	0	0	0
2	Efficient Clothes Dryer	All Residential		0	0	0	0	0	0	0	0	0
3	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
4	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
5	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
6	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
7	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
8	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
9	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
10	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
11	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
12	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
13	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
14	Energy Star Clothes Washer - 1.5 cf	All Residential		0	0	0	0	0	0	0	0	0
15	Energy Star Clothes Washer - 2.65 cf	All Residential	$136	0	0	0	0	0	0	0	0	0
16	Energy Star Clothes Washer - 2.65 cf	All Residential		0	0	0	0	0	0	0	0	0
17	Energy Star Clothes Washer - 2.65 cf	All Residential		0	0	0	0	0	0	0	0	0
18	Energy Star Clothes Washer - 2.65 cf	All Residential		0	0	0	0	0	0	0	0	0
19	Energy Star Clothes Washer - 2.65 cf	All Residential		0	0	0	0	0	0	0	0	0
20	Energy Star Clothes Washer - 2.65 cf	All Residential		0	0	0	0	0	0	0	0	0
21	Energy Star Clothes Washer - 2.65 cf	All Residential		0	0	0	0	0	0	0	0	0
22	Energy Star Clothes Washer - 2.65 cf	All Residential		0	0	0	0	0	0	0	0	0
23	Energy Star Clothes Washer - 2.65 cf	All Residential		0	0	0	0	0	0	0	0	0
24	Energy Star Clothes Washer - 2.65 cf	All Residential		0	0	0	0	0	0	0	0	0
25	Energy Star Clothes Washer - 2.65 cf	All Residential		0	0	0	0	0	0	0	0	0
26	Energy Star Clothes Washer - 2.65 cf	All Residential		0	0	0	0	0	0	0	0	0
27	Energy Star Clothes Washer - 3.5 cf	All Residential	$185	0	0	0	0	0	0	0	0	0
28	Energy Star Clothes Washer - 3.5 cf	All Residential		0	0	0	0	0	0	0	0	0
29	Energy Star Clothes Washer - 3.5 cf	All Residential		0	0	0	0	0	0	0	0	0
30	Energy Star Clothes Washer - 3.5 cf	All Residential		0	0	0	0	0	0	0	0	0
31	Energy Star Clothes Washer - 3.5 cf	All Residential		0	0	0	0	0	0	0	0	0
32	Energy Star Clothes Washer - 3.5 cf	All Residential		0	0	0	0	0	0	0	0	0
33	Energy Star Clothes Washer - 3.5 cf	All Residential		0	0	0	0	0	0	0	0	0
34	Energy Star Clothes Washer - 3.5 cf	All Residential		0	0	0	0	0	0	0	0	0
35	Energy Star Clothes Washer - 3.5 cf	All Residential		0	0	0	0	0	0	0	0	0
36	Energy Star Clothes Washer - 3.5 cf	All Residential		0	0	0	0	0	0	0	0	0
37	Energy Star Clothes Washer - 3.5 cf	All Residential		0	0	0	0	0	0	0	0	0
38	Energy Star Clothes Washer - 3.5 cf	All Residential		0	0	0	0	0	0	0	0	0
39	25W CFL Table Lamp	All Residential	$10	15,662	26,104	30,850	668,645	1,114,408	1,317,028	65	108	128
40	30W CFL Table Lamp	All Residential	$10	15,662	26,104	30,850	802,374	1,337,290	1,580,434	78	130	154
41	55W CFL Table Lamp	All Residential	$10	15,662	26,104	30,850	1,292,714	2,154,523	2,546,254	126	210	248
42	70W CFL Torchiere (two LAMPs)	All Residential	$15	15,662	26,104	30,850	2,050,511	3,417,519	4,038,886	200	333	393
43	20W CFL Table Lamp	All Residential	$10	15,662	26,104	30,850	490,340	817,233	965,820	48	80	94
44	55W CFL Torchiere	All Residential	$15	15,662	26,104	30,850	2,184,240	3,640,400	4,302,291	213	354	419
45	30 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
46	36 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
47	40 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
48	28 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
49	14 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
50	25 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
51	25 Watt Integral CFL	All Residential	$1.5	417,656	696,094	822,657	18,299,757	30,499,595	36,044,976	1,735	2,892	3,418
52	26 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
53	26 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
54	15 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
55	13 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
56	13 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
57	16 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
58	16 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
59	20 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
60	55 Watt Modular CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
61	18 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
62	65 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
63	23 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
64	26 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
65	40 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
66	28 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations 2008	Installations 2009	Installations 2010	kWh Savings 2008	kWh Savings 2009	kWh Savings 2010	kW Savings 2008	kW Savings 2009	kW Savings 2010
67	25 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
68	26 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
69	15 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
70	14 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
71	25 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
72	19 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
73	18 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
74	20 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
75	18 Watt Integral CFL	All Residential	$1.5	417,656	696,094	822,657	13,907,815	23,179,692	27,394,181	1,319	2,198	2,598
76	23 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
77	30 Watt Modular CFL	All Residential		0	0	0	0	0	0	0	0	0
78	19 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
79	18 Watt Integral CFL	All Residential	$1.5	0	0	0	0	0	0	0	0	0
80	13 Watt Integral CFL	All Residential	$1.5	835,313	1,392,188	1,645,313	13,175,825	21,959,708	25,952,382	1,250	2,083	2,461
81	13 Watt Integral CFL	All Residential	$1.5	835,313	1,392,188	1,645,313	22,935,695	38,226,159	45,176,369	2,175	3,625	4,284
82	Efficient Two Speed Pool Pump	All Residential	$119	0	0	0	0	0	0	0	0	0
83	Efficient Single Speed Pool Pump	All Residential	$19	0	0	0	0	0	0	0	0	0
84	Refrigerator: Side Mount Freezer	All Residential		0	0	0	0	0	0	0	0	0
85	Refrigerator: Side Mount Freezer	All Residential		0	0	0	0	0	0	0	0	0
86	Refrigerator: Side Mount Freezer	All Residential		0	0	0	0	0	0	0	0	0
87	Refrigerator: Side Mount Freezer	All Residential		0	0	0	0	0	0	0	0	0
88	Refrigerator: Bottom Mount Freezer	All Residential	$9	0	0	0	0	0	0	0	0	0
89	Refrigerator: Top Mount Freezer	All Residential		0	0	0	0	0	0	0	0	0
90	Refrigerator: Bottom Mount Freezer	All Residential		0	0	0	0	0	0	0	0	0
91	Refrigerator: Top Mount Freezer	All Residential	$1	0	0	0	0	0	0	0	0	0
92	Refrigerator Recycling	Single Family, Detached	$50	11,053	24,868	33,158	7,151,562	16,091,014	21,454,686	1,103	2,481	3,308
93	Freezer Recycling	Single Family, Detached	$25	1,105	2,487	3,316	942,356	2,120,300	2,827,067	145	327	435
94	Window AC - efficient	Single Family, Detached	$50	1,596	3,591	4,788	65,118	146,515	195,354	29	65	87
95	Energy Star Dish Washer	Single Family, Detached		0	0	0	0	0	0	0	0	0
96	Energy Star Dish Washer	Single Family, Attached		0	0	0	0	0	0	0	0	0
97	Energy Star Dish Washer	Multi-family		0	0	0	0	0	0	0	0	0
98	13 SEER (11.09 EER) Split System Air Conditioner	Single Family, Detached		0	0	0	0	0	0	0	0	0
99	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Detached		0	0	0	0	0	0	0	0	0
100	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Detached		0	0	0	0	0	0	0	0	0
101	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Detached		0	0	0	0	0	0	0	0	0
102	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Detached		0	0	0	0	0	0	0	0	0
103	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Detached		0	0	0	0	0	0	0	0	0
104	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Detached	$91	0	11,589	28,919	0	2,640,150	6,588,375	0	2,212	5,521
105	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Detached		0	0	0	0	0	0	0	0	0
106	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Detached		0	0	0	0	0	0	0	0	0
107	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Detached		0	0	0	0	0	0	0	0	0
108	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Detached		0	0	0	0	0	0	0	0	0
109	Condensing 96 AFUE (1.03 HIR) Furnace	Single Family, Detached		0	0	0	0	0	0	0	0	0
111	Infiltration of 0.5 Air Changes per Hour	Single Family, Detached		0	0	0	0	0	0	0	0	0
112	Programmable Thermostat	Single Family, Detached		0	0	0	0	0	0	0	0	0
113	Whole House Fans	Single Family, Detached		0	0	0	0	0	0	0	0	0
114	Wall R-5 Shealthing Vinyl Replacement	Single Family, Detached		0	0	0	0	0	0	0	0	0
115	Ceiling Vintage to R-30 Insulation-Blown In	Single Family, Detached		0	0	0	0	0	0	0	0	0
116	Ceiling Vintage to R-38 Insulation-Batts	Single Family, Detached		0	0	0	0	0	0	0	0	0
117	Bsmt Wall R-0 to R-13 Insulation Batts	Single Family, Detached		0	0	0	0	0	0	0	0	0
118	Bsmt Wall R-0 to R-19 Insulation Batts	Single Family, Detached		0	0	0	0	0	0	0	0	0
121	U-0.35 / SHGC-0.40 (tint) Window	Single Family, Detached		0	0	0	0	0	0	0	0	0
122	Home Performance with Energy Star	Single Family, Detached		0	0	0	0	0	0	0	0	0
123	ENERGY STAR Home	Single Family, Detached		0	0	0	0	0	0	0	0	0
124	Window AC - efficient	Single Family, Detached		0	0	0	0	0	0	0	0	0
125	0.93 EF	Single Family, Detached		0	0	0	0	0	0	0	0	0
126	DHW wrap R-4	Single Family, Detached	$20	0	1,849	3,248	0	271,478	477,025	0	0	0
127	Hot Water Pipe Insulation	Single Family, Detached	$29	0	1,469	2,581	0	239,942	421,612	0	0	0
128	Low Flow Shower Heads	Single Family, Detached	$76	0	1,981	3,480	0	801,528	1,408,400	0	0	0
129	13 SEER (11.09 EER) Split System Air Conditioner	Single Family, Attached		0	0	0	0	0	0	0	0	0
130	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Attached		0	0	0	0	0	0	0	0	0
131	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Attached		0	0	0	0	0	0	0	0	0
132	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Attached		0	0	0	0	0	0	0	0	0
133	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Attached		0	0	0	0	0	0	0	0	0
134	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Attached		0	0	0	0	0	0	0	0	0
135	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Attached	$71	0	832	2,076	0	104,458	260,670	0	70	175

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations 2008	Installations 2009	Installations 2010	kWh Savings 2008	kWh Savings 2009	kWh Savings 2010	kW Savings 2008	kW Savings 2009	kW Savings 2010
136	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Attached		0	0	0	0	0	0	0	0	0
137	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Attached		0	0	0	0	0	0	0	0	0
138	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Attached		0	0	0	0	0	0	0	0	0
139	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Attached		0	0	0	0	0	0	0	0	0
140	Condensing 96 AFUE (1.03 HIR) Furnace	Single Family, Attached		0	0	0	0	0	0	0	0	0
142	Infiltration of 0.5 Air Changes per Hour	Single Family, Attached		0	0	0	0	0	0	0	0	0
143	Programmable Thermostat	Single Family, Attached		0	0	0	0	0	0	0	0	0
145	Wall R-5 Shealthing Vinyl Replacement	Single Family, Attached		0	0	0	0	0	0	0	0	0
146	Ceiling Vintage to R-30 Insulation-Blown In	Single Family, Attached		0	0	0	0	0	0	0	0	0
147	Ceiling Vintage to R-38 Insulation-Batts	Single Family, Attached		0	0	0	0	0	0	0	0	0
152	U-0.35 / SHGC-0.40 (tint) Window	Single Family, Attached		0	0	0	0	0	0	0	0	0
153	Home Performance with Energy Star	Single Family, Attached		0	0	0	0	0	0	0	0	0
154	ENERGY STAR Home	Single Family, Attached		0	0	0	0	0	0	0	0	0
155	Window AC - efficient	Single Family, Attached		0	0	0	0	0	0	0	0	0
156	0.93 EF	Single Family, Attached		0	0	0	0	0	0	0	0	0
157	DHW wrap R-4	Single Family, Attached	$20	0	133	233	0	19,492	34,251	0	0	0
158	Hot Water Pipe Insulation	Single Family, Attached	$21	0	105	185	0	17,228	30,272	0	0	0
159	Low Flow Shower Heads	Single Family, Attached	$76	0	142	250	0	57,551	101,125	0	0	0
160	13 SEER (11.09 EER) Split System Air Conditioner	Multi-family		0	0	0	0	0	0	0	0	0
161	14 SEER (11.99 EER) Split-System Air Conditioner	Multi-family		0	0	0	0	0	0	0	0	0
162	15 SEER (12.72 EER) Split-System Air Conditioner	Multi-family		0	0	0	0	0	0	0	0	0
163	16 SEER (11.61 EER) Split System Air Conditioner	Multi-family		0	0	0	0	0	0	0	0	0
164	17 SEER (12.28 EER) Split-System Air Conditioner	Multi-family		0	0	0	0	0	0	0	0	0
165	18 SEER (13.37 EER) Split-System Air Conditioner	Multi-family		0	0	0	0	0	0	0	0	0
166	14 SEER (11.99 EER) Split-System Air Conditioner	Multi-family	$20	0	5,040	12,577	0	245,132	611,716	0	156	390
167	15 SEER (12.72 EER) Split-System Air Conditioner	Multi-family		0	0	0	0	0	0	0	0	0
168	16 SEER (11.61 EER) Split System Air Conditioner	Multi-family		0	0	0	0	0	0	0	0	0
169	17 SEER (12.28 EER) Split-System Air Conditioner	Multi-family		0	0	0	0	0	0	0	0	0
170	18 SEER (13.37 EER) Split-System Air Conditioner	Multi-family		0	0	0	0	0	0	0	0	0
171	Condensing 96 AFUE (1.03 HIR) Furnace	Multi-family		0	0	0	0	0	0	0	0	0
173	Infiltration of 0.5 Air Changes per Hour	Multi-family		0	0	0	0	0	0	0	0	0
174	Programmable Thermostat	Multi-family		0	0	0	0	0	0	0	0	0
175	Wall R-5 Shealthing Vinyl Replacement	Multi-family		0	0	0	0	0	0	0	0	0
176	U-0.35 / SHGC-0.40 (tint) Window	Multi-family		0	0	0	0	0	0	0	0	0
177	Home Performance with Energy Star	Multi-family		0	0	0	0	0	0	0	0	0
178	ENERGY STAR Home	Multi-family		0	0	0	0	0	0	0	0	0
179	Window AC - efficient	Multi-family		0	0	0	0	0	0	0	0	0
180	0.93 EF	Multi-family		0	0	0	0	0	0	0	0	0
181	DHW wrap R-4	Multi-family	$20	4,114	4,114	4,114	604,153	604,153	604,153	0	0	0
183	Faucet aerators	Multi-family	$7	3,269	3,269	3,269	129,605	129,605	129,605	29	29	29
184	Low Flow Shower Heads	Multi-family	$38	3,394	3,394	3,394	915,654	915,654	915,654	45	45	45
185	18 Watt Integral CFL	Multi-family	$2	11,019	11,019	11,019	366,942	366,942	366,942	35	35	35
186	2 4' T8 32 watt lamps with EB	Multi-family	$13	1,395	1,395	1,395	67,666	67,666	67,666	11	11	11
187	2 4' Super T8 28 watt lamps with EB	Multi-family	$13	1,395	1,395	1,395	115,998	115,998	115,998	19	19	19
188	1 4' T8 32 watt lamps with EB and reflector	Multi-family	$13	0	0	0	0	0	0	0	0	0
189	2 4' T8 32 watt lamps with EB with dimming system	Multi-family		0	0	0	0	0	0	0	0	0
190	2 4' T8 32 watt lamps with EB with occupancy sensors	Multi-family	$13	0	0	0	0	0	0	0	0	0
191	2 4' Super T8 28 watt lamps with EB	Multi-family	$13	1,395	1,395	1,395	48,333	48,333	48,333	8	8	8
192	2 8' T8 59 watt lamps with EB	Multi-family		0	0	0	0	0	0	0	0	0
193	2 8' Super T8 59 watt lamps with EB	Multi-family		0	0	0	0	0	0	0	0	0
194	1 8' T8 59 watt lamps with EB and reflector	Multi-family	$20	0	0	0	0	0	0	0	0	0
195	2 8' T8 59 watt lamps with EB with dimming system	Multi-family		0	0	0	0	0	0	0	0	0
196	2 8' T8 59 watt lamps with EB with occupancy sensors	Multi-family		0	0	0	0	0	0	0	0	0
197	2 8' Super T8 59 watt lamps with EB	Multi-family	$20	1,395	1,395	1,395	53,166	53,166	53,166	9	9	9
198	Electroluminescent Exit Sign (New)	Multi-family	$71	56	56	56	16,270	16,270	16,270	2	2	2
199	Electroluminescent Exit Sign Retrofit Kit	Multi-family	$68	56	56	56	16,270	16,270	16,270	2	2	2
200	LED Exit Sign (New)	Multi-family	$32	56	56	56	15,019	15,019	15,019	2	2	2
201	LED Exit Sign Retrofit Kit	Multi-family	$17	56	56	56	15,019	15,019	15,019	2	2	2
202	Occ-Sensor - Plug loads	Multi-family		0	0	0	0	0	0	0	0	0
203	Occ-Sensor - Wall box	Multi-family	$57	28	28	28	4,569	4,569	4,569	4	4	4
204	50W Metal Halide	Office - Large	$151	1,167	2,335	4,523	291,460	582,920	1,129,407	73	146	282
205	75W Metal Halide	Office - Large		0	0	0	0	0	0	0	0	0
206	100W Metal Halide	Office - Large		0	0	0	0	0	0	0	0	0
207	13 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
208	13 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations 2008	Installations 2009	Installations 2010	kWh Savings 2008	kWh Savings 2009	kWh Savings 2010	kW Savings 2008	kW Savings 2009	kW Savings 2010
209	13 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
210	13 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
211	14 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
212	14 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
213	15 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
214	15 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
215	16 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
216	16 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
217	18 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
218	18 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
219	18 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
220	18 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
221	19 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
222	19 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
223	20 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
224	20 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
225	23 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
226	23 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
227	25 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
228	25 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
229	25 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
230	25 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
231	26 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
232	26 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
233	26 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
234	26 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
235	28 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
236	28 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
237	30 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
238	30 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
239	36 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
240	40 Watt Integral CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
241	40 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
242	55 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
243	65 Watt Modular CFL	Office - Large	$1.5	0	0	0	0	0	0	0	0	0
244	De-lamp from 8', 4 lamp/fixture	Office - Large	$6	34	68	132	4,627	9,254	17,929	1	3	6
245	De-lamp from 4', 4 lamp/fixture	Office - Large	$7	1,365	2,730	5,289	98,824	197,648	382,944	30	61	118
246	T8 32W Dimming El Ballast	Office - Large		0	0	0	0	0	0	0	0	0
247	Premium T8 El Ballast	Office - Large	$1	0	0	0	0	0	0	0	0	0
248	2 4' T8 32 watt lamps with EB	Office - Large		0	0	0	0	0	0	0	0	0
249	2 4' Super T8 28 watt lamps with EB	Office - Large	$13	1,255	2,510	4,863	75,201	150,403	291,405	23	46	90
250	1 4' T8 32 watt lamps with EB and reflector	Office - Large	$13	139	279	540	13,578	27,156	52,615	4	8	16
251	2 4' T8 32 watt lamps with EB with dimming system	Office - Large		0	0	0	0	0	0	0	0	0
252	2 4' T8 32 watt lamps with EB with occupancy sensors	Office - Large	$13	558	1,115	2,161	35,651	71,302	138,147	11	22	43
253	2 4' Super T8 28 watt lamps with EB	Office - Large	$13	3,718	7,437	14,408	92,841	185,682	359,759	29	57	111
254	2 8' T8 59 watt lamps with EB	Office - Large		0	0	0	0	0	0	0	0	0
255	2 8' Super T8 59 watt lamps with EB	Office - Large		0	0	0	0	0	0	0	0	0
256	1 8' T8 59 watt lamps with EB and reflector	Office - Large	$20	7	14	26	934	1,868	3,619	0	1	1
257	2 8' T8 59 watt lamps with EB with dimming system	Office - Large		0	0	0	0	0	0	0	0	0
258	2 8' T8 59 watt lamps with EB with occupancy sensors	Office - Large		0	0	0	0	0	0	0	0	0
259	2 8' Super T8 59 watt lamps with EB	Office - Large	$20	2,176	4,352	8,432	59,768	119,535	231,599	18	37	71
260	50W Metal Halide	Retail - Large	$124	1,666	3,332	6,455	598,459	1,196,918	2,319,028	117	233	452
261	75W Metal Halide	Retail - Large		0	0	0	0	0	0	0	0	0
262	100W Metal Halide	Retail - Large	$159	1,666	3,332	6,455	448,844	897,688	1,739,271	87	175	339
263	13 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
264	13 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
265	13 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
266	13 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
267	14 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
268	14 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
269	15 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
270	15 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
271	16 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
272	16 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
273	18 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations			kWh Savings			kW Savings		
				2008	2009	2010	2008	2009	2010	2008	2009	2010
274	18 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
275	18 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
276	18 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
277	19 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
278	19 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
279	20 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
280	20 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
281	23 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
282	23 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
283	25 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
284	25 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
285	25 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
286	25 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
287	26 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
288	26 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
289	26 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
290	26 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
291	28 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
292	28 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
293	30 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
294	30 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
295	36 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
296	40 Watt Integral CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
297	40 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
298	55 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
299	65 Watt Modular CFL	Retail - Large	$1.5	0	0	0	0	0	0	0	0	0
300	De-lamp from 8', 4 lamp/fixture	Retail - Large	$6	249	498	965	48,760	97,520	188,946	11	22	42
301	De-lamp from 4', 4 lamp/fixture	Retail - Large	$6	2,075	4,150	8,041	216,215	432,430	837,832	48	96	186
302	T8 32W Dimming El Ballast	Retail - Large		0	0	0	0	0	0	0	0	0
303	Premium T8 El Ballast	Retail - Large	$1	0	0	0	0	0	0	0	0	0
304	2 4' T8 32 watt lamps with EB	Retail - Large	$13	4,333	8,666	16,790	217,945	435,889	844,535	48	97	187
305	2 4' Super T8 28 watt lamps with EB	Retail - Large	$13	4,333	8,666	16,790	373,619	747,238	1,447,775	83	166	321
306	1 4' T8 32 watt lamps with EB and reflector	Retail - Large	$13	481	963	1,866	67,459	134,918	261,404	15	30	58
307	2 4' T8 32 watt lamps with EB with dimming system	Retail - Large		0	0	0	0	0	0	0	0	0
308	2 4' T8 32 watt lamps with EB with occupancy sensors	Retail - Large	$13	481	963	1,866	44,281	88,562	171,588	10	20	38
309	2 4' Super T8 28 watt lamps with EB	Retail - Large	$13	2,158	4,316	8,363	77,539	155,078	300,464	17	34	67
310	2 8' T8 59 watt lamps with EB	Retail - Large		0	0	0	0	0	0	0	0	0
311	2 8' Super T8 59 watt lamps with EB	Retail - Large		0	0	0	0	0	0	0	0	0
312	1 8' T8 59 watt lamps with EB and reflector	Retail - Large	$20	29	58	113	5,758	11,516	22,311	1	3	5
313	2 8' T8 59 watt lamps with EB with dimming system	Retail - Large		0	0	0	0	0	0	0	0	0
314	2 8' T8 59 watt lamps with EB with occupancy sensors	Retail - Large		0	0	0	0	0	0	0	0	0
315	2 8' Super T8 59 watt lamps with EB	Retail - Large	$20	1,263	2,525	4,893	49,901	99,801	193,365	11	22	43
316	50W Metal Halide	Retail - Small	$129	1,666	3,332	6,455	562,654	1,125,307	2,180,283	117	233	452
317	75W Metal Halide	Retail - Small		0	0	0	0	0	0	0	0	0
318	100W Metal Halide	Retail - Small	$163	1,666	3,332	6,455	421,990	843,980	1,635,212	87	175	339
319	13 Watt Integral CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
320	13 Watt Integral CFL	Retail - Small	$4.0	25,439	0	0	3,455,658	0	0	770	0	0
321	13 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
322	13 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
323	14 Watt Integral CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
324	14 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
325	15 Watt Integral CFL	Retail - Small	$1.5	0	0	0	3	5	10	0	0	0
326	15 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
327	16 Watt Integral CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
328	16 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
329	18 Watt Integral CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
330	18 Watt Integral CFL	Retail - Small	$1.5	19,568	39,137	75,828	3,223,773	6,447,545	12,492,119	719	1,437	2,785
331	18 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
332	18 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
333	19 Watt Integral CFL	Retail - Small	$4.0	25,439	0	0	4,117,380	0	0	918	0	0
334	19 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
335	20 Watt Integral CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
336	20 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
337	23 Watt Integral CFL	Retail - Small	$1.5	19,568	39,137	75,828	4,354,921	8,709,842	16,875,318	971	1,942	3,762
338	23 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0

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339	25 Watt Integral CFL	Retail - Small	$4.0	25,439	0	0	5,514,348	0	0	1,229	0	0
340	25 Watt Integral CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
341	25 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
342	25 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
343	26 Watt Integral CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
344	26 Watt Integral CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
345	26 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
346	26 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
347	28 Watt Integral CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
348	28 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
349	30 Watt Integral CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
350	30 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
351	36 Watt Integral CFL	Retail - Small	$1.5	19,568	39,137	75,828	6,447,545	12,895,090	24,984,237	1,437	2,875	5,570
352	40 Watt Integral CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
353	40 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
354	55 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
355	65 Watt Modular CFL	Retail - Small	$1.5	0	0	0	0	0	0	0	0	0
356	De-lamp from 8', 4 lamp/fixture	Retail - Small	$6	249	498	965	45,841	91,681	177,633	11	22	42
357	De-lamp from 4', 4 lamp/fixture	Retail - Small	$6	2,075	4,150	8,041	203,269	406,539	787,669	48	96	186
358	T8 32W Dimming El Ballast	Retail - Small		0	0	0	0	0	0	0	0	0
359	Premium T8 El Ballast	Retail - Small	$1	0	0	0	0	0	0	0	0	0
360	2 4' T8 32 watt lamps with EB	Retail - Small	$13	4,333	8,666	16,790	204,896	409,791	793,970	48	97	187
361	2 4' Super T8 28 watt lamps with EB	Retail - Small	$13	4,333	8,666	16,790	351,249	702,499	1,361,092	83	166	321
362	1 4' T8 32 watt lamps with EB and reflector	Retail - Small	$13	481	963	1,866	63,420	126,840	245,753	15	30	58
363	2 4' T8 32 watt lamps with EB with dimming system	Retail - Small		0	0	0	0	0	0	0	0	0
364	2 4' T8 32 watt lamps with EB with occupancy sensors	Retail - Small	$13	481	963	1,866	41,630	83,259	161,315	10	20	38
365	2 4' Super T8 28 watt lamps with EB	Retail - Small	$13	2,158	4,316	8,363	72,897	145,793	282,474	17	34	67
366	2 8' T8 59 watt lamps with EB	Retail - Small		0	0	0	0	0	0	0	0	0
367	2 8' Super T8 59 watt lamps with EB	Retail - Small		0	0	0	0	0	0	0	0	0
368	1 8' T8 59 watt lamps with EB and reflector	Retail - Small	$20	29	58	113	5,413	10,826	20,975	1	3	5
369	2 8' T8 59 watt lamps with EB with dimming system	Retail - Small		0	0	0	0	0	0	0	0	0
370	2 8' T8 59 watt lamps with EB with occupancy sensors	Retail - Small		0	0	0	0	0	0	0	0	0
371	2 8' Super T8 59 watt lamps with EB	Retail - Small	$20	1,263	2,525	4,893	46,913	93,826	181,788	11	22	43
372	50W Metal Halide	Education	$147	11,367	24,680	35,573	3,052,932	6,628,593	9,554,207	394	856	1,234
373	75W Metal Halide	Education		0	0	0	0	0	0	0	0	0
374	100W Metal Halide	Education		0	0	0	0	0	0	0	0	0
375	13 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
376	13 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
377	13 Watt Modular CFL	Education		0	0	0	0	0	0	0	0	0
378	13 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
379	14 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
380	14 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
381	15 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
382	15 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
383	16 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
384	16 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
385	18 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
386	18 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
387	18 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
388	18 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
389	19 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
390	19 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
391	20 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
392	20 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
393	23 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
394	23 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
395	25 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
396	25 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
397	25 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
398	25 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
399	26 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
400	26 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
401	26 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
402	26 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
403	28 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0

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404	28 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
405	30 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
406	30 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
407	36 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
408	40 Watt Integral CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
409	40 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
410	55 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
411	65 Watt Modular CFL	Education	$1.5	0	0	0	0	0	0	0	0	0
412	De-lamp from 8', 4 lamp/fixture	Education	$6	0	0	0	0	0	0	0	0	0
413	De-lamp from 4', 4 lamp/fixture	Education	$9	24,884	54,030	77,876	1,672,990	3,632,433	5,235,653	370	802	1,156
414	T8 32W Dimming El Ballast	Education		0	0	0	0	0	0	0	0	0
415	Premium T8 El Ballast	Education	$1	0	0	0	0	0	0	0	0	0
416	2 4' T8 32 watt lamps with EB	Education		0	0	0	0	0	0	0	0	0
417	2 4' Super T8 28 watt lamps with EB	Education	$13	14,931	32,418	46,726	830,726	1,803,691	2,599,773	183	398	574
418	1 4' T8 32 watt lamps with EB and reflector	Education	$13	3,733	8,104	11,681	337,483	732,749	1,056,158	75	162	233
419	2 4' T8 32 watt lamps with EB with dimming system	Education		0	0	0	0	0	0	0	0	0
420	2 4' T8 32 watt lamps with EB with occupancy sensors	Education		0	0	0	0	0	0	0	0	0
421	2 4' Super T8 28 watt lamps with EB	Education	$13	20,360	44,206	63,717	472,004	1,024,824	1,477,144	104	226	326
422	2 8' T8 59 watt lamps with EB	Education		0	0	0	0	0	0	0	0	0
423	2 8' Super T8 59 watt lamps with EB	Education		0	0	0	0	0	0	0	0	0
424	1 8' T8 59 watt lamps with EB and reflector	Education		0	0	0	0	0	0	0	0	0
425	2 8' T8 59 watt lamps with EB with dimming system	Education		0	0	0	0	0	0	0	0	0
426	2 8' T8 59 watt lamps with EB with occupancy sensors	Education		0	0	0	0	0	0	0	0	0
427	2 8' Super T8 59 watt lamps with EB	Education	$20	0	0	0	0	0	0	0	0	0
428	50W Metal Halide	Assembly	$147	5,066	11,000	15,854	1,360,638	2,954,247	4,258,141	176	381	550
429	75W Metal Halide	Assembly		0	0	0	0	0	0	0	0	0
430	100W Metal Halide	Assembly		0	0	0	0	0	0	0	0	0
431	13 Watt Integral CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
432	13 Watt Integral CFL	Assembly	$1.5	4,176	9,067	13,069	484,962	1,052,960	1,517,697	63	136	196
433	13 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
434	13 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
435	14 Watt Integral CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
436	14 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
437	15 Watt Integral CFL	Assembly	$1.5	4,176	9,067	13,069	464,325	1,008,153	1,453,114	60	130	188
438	15 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
439	16 Watt Integral CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
440	16 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
441	18 Watt Integral CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
442	18 Watt Integral CFL	Assembly	$1.5	4,176	9,067	13,069	588,145	1,276,994	1,840,611	76	165	238
443	18 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
444	18 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
445	19 Watt Integral CFL	Assembly	$1.5	4,176	9,067	13,069	577,827	1,254,590	1,808,320	75	162	233
446	19 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
447	20 Watt Integral CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
448	20 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
449	23 Watt Integral CFL	Assembly	$1.5	4,176	9,067	13,069	794,512	1,725,062	2,486,440	103	223	321
450	23 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
451	25 Watt Integral CFL	Assembly	$1.5	4,176	9,067	13,069	773,875	1,680,255	2,421,857	100	217	313
452	25 Watt Integral CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
453	25 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
454	25 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
455	26 Watt Integral CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
456	26 Watt Integral CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
457	26 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
458	26 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
459	28 Watt Integral CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
460	28 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
461	30 Watt Integral CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
462	30 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
463	36 Watt Integral CFL	Assembly	$1.5	4,176	9,067	13,069	1,176,290	2,553,987	3,681,222	152	330	475
464	40 Watt Integral CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
465	40 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
466	55 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
467	65 Watt Modular CFL	Assembly	$1.5	0	0	0	0	0	0	0	0	0
468	De-lamp from 8', 4 lamp/fixture	Assembly	$6	0	0	0	0	0	0	0	0	0

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469	De-lamp from 4', 4 lamp/fixture	Assembly	$9	11,082	24,062	34,682	745,069	1,617,709	2,331,706	165	357	515
470	T8 32W Dimming El Ballast	Assembly		0	0	0	0	0	0	0	0	0
471	Premium T8 El Ballast	Assembly	$1	0	0	0	0	0	0	0	0	0
472	2 4' T8 32 watt lamps with EB	Assembly		0	0	0	0	0	0	0	0	0
473	2 4' Super T8 28 watt lamps with EB	Assembly	$13	6,649	14,437	20,809	369,965	803,276	1,157,813	82	177	256
474	1 4' T8 32 watt lamps with EB and reflector	Assembly	$13	1,662	3,609	5,202	150,298	326,331	470,361	33	72	104
475	2 4' T8 32 watt lamps with EB with dimming system	Assembly		0	0	0	0	0	0	0	0	0
476	2 4' T8 32 watt lamps with EB with occupancy sensors	Assembly		0	0	0	0	0	0	0	0	0
477	2 4' Super T8 28 watt lamps with EB	Assembly	$13	9,067	19,687	28,376	210,207	456,407	657,848	46	101	145
478	2 8' T8 59 watt lamps with EB	Assembly		0	0	0	0	0	0	0	0	0
479	2 8' Super T8 59 watt lamps with EB	Assembly		0	0	0	0	0	0	0	0	0
480	1 8' T8 59 watt lamps with EB and reflector	Assembly		0	0	0	0	0	0	0	0	0
481	2 8' T8 59 watt lamps with EB with dimming system	Assembly		0	0	0	0	0	0	0	0	0
482	2 8' T8 59 watt lamps with EB with occupancy sensors	Assembly		0	0	0	0	0	0	0	0	0
483	2 8' Super T8 59 watt lamps with EB	Assembly	$20	0	0	0	0	0	0	0	0	0
484	50W Metal Halide	Warehouse and Storage	$156	913	1,827	3,540	210,468	420,936	815,563	53	107	207
485	75W Metal Halide	Warehouse and Storage		0	0	0	0	0	0	0	0	0
486	100W Metal Halide	Warehouse and Storage		0	0	0	0	0	0	0	0	0
487	13 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
488	13 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
489	13 Watt Modular CFL	Warehouse and Storage		0	0	0	0	0	0	0	0	0
490	13 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
491	14 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
492	14 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
493	15 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
494	15 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
495	16 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
496	16 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
497	18 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
498	18 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
499	18 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
500	18 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
501	19 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
502	19 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
503	20 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
504	20 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
505	23 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
506	23 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
507	25 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
508	25 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
509	25 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
510	25 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
511	26 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
512	26 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
513	26 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
514	26 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
515	28 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
516	28 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
517	30 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
518	30 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
519	36 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
520	40 Watt Integral CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
521	40 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
522	55 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
523	65 Watt Modular CFL	Warehouse and Storage	$1.5	0	0	0	0	0	0	0	0	0
524	De-lamp from 8', 4 lamp/fixture	Warehouse and Storage	$6	272	545	1,056	34,215	68,430	132,583	10	21	40
525	De-lamp from 4', 4 lamp/fixture	Warehouse and Storage	$9	318	636	1,232	21,240	42,481	82,307	6	13	25
526	T8 32W Dimming El Ballast	Warehouse and Storage		0	0	0	0	0	0	0	0	0
527	Premium T8 El Ballast	Warehouse and Storage	$1	0	0	0	0	0	0	0	0	0
528	2 4' T8 32 watt lamps with EB	Warehouse and Storage		0	0	0	0	0	0	0	0	0
529	2 4' Super T8 28 watt lamps with EB	Warehouse and Storage	$13	5,086	10,173	19,709	281,253	562,506	1,089,854	85	170	329
530	1 4' T8 32 watt lamps with EB and reflector	Warehouse and Storage	$13	1,272	2,543	4,927	114,259	228,518	442,753	35	69	134
531	2 4' T8 32 watt lamps with EB with dimming system	Warehouse and Storage		0	0	0	0	0	0	0	0	0
532	2 4' T8 32 watt lamps with EB with occupancy sensors	Warehouse and Storage	$13	1,272	2,543	4,927	75,001	150,001	290,628	23	45	88
533	2 4' Super T8 28 watt lamps with EB	Warehouse and Storage	$13	727	1,453	2,816	16,741	33,482	64,872	5	10	20
534	2 8' T8 59 watt lamps with EB	Warehouse and Storage		0	0	0	0	0	0	0	0	0

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations 2008	Installations 2009	Installations 2010	kWh Savings 2008	kWh Savings 2009	kWh Savings 2010	kW Savings 2008	kW Savings 2009	kW Savings 2010
535	2 8' Super T8 59 watt lamps with EB	Warehouse and Storage		0	0	0	0	0	0	0	0	0
536	1 8' T8 59 watt lamps with EB and reflector	Warehouse and Storage	$20	64	127	247	8,077	16,155	31,300	2	5	9
537	2 8' T8 59 watt lamps with EB with dimming system	Warehouse and Storage		0	0	0	0	0	0	0	0	0
538	2 8' T8 59 watt lamps with EB with occupancy sensors	Warehouse and Storage		0	0	0	0	0	0	0	0	0
539	2 8' Super T8 59 watt lamps with EB	Warehouse and Storage	$20	425	850	1,647	10,770	21,540	41,733	3	7	13
540	50W Metal Halide	Food Service	$118	123	246	477	46,983	93,967	182,061	5	11	21
541	75W Metal Halide	Food Service		0	0	0	0	0	0	0	0	0
542	100W Metal Halide	Food Service	$155	123	246	477	35,238	70,475	136,545	4	8	16
543	13 Watt Integral CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
544	13 Watt Integral CFL	Food Service	$4.0	6,467	0	0	841,667	0	0	124	0	0
545	13 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
546	13 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
547	14 Watt Integral CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
548	14 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
549	15 Watt Integral CFL	Food Service	$1.5	4,974	9,949	19,276	619,886	1,239,772	2,402,058	91	182	353
550	15 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
551	16 Watt Integral CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
552	16 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
553	18 Watt Integral CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
554	18 Watt Integral CFL	Food Service	$1.5	4,974	9,949	19,276	785,189	1,570,378	3,042,607	116	231	448
555	18 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
556	18 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
557	19 Watt Integral CFL	Food Service	$4.0	6,467	0	0	1,002,838	0	0	148	0	0
558	19 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
559	20 Watt Integral CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
560	20 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
561	23 Watt Integral CFL	Food Service	$1.5	4,974	9,949	19,276	1,060,694	2,121,388	4,110,189	156	312	605
562	23 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
563	25 Watt Integral CFL	Food Service	$4.0	6,467	0	0	1,343,086	0	0	198	0	0
564	25 Watt Integral CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
565	25 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
566	25 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
567	26 Watt Integral CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
568	26 Watt Integral CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
569	26 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
570	26 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
571	28 Watt Integral CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
572	28 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
573	30 Watt Integral CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
574	30 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
575	36 Watt Integral CFL	Food Service	$1.5	4,974	9,949	19,276	1,570,378	3,140,756	6,085,215	231	462	895
576	40 Watt Integral CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
577	40 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
578	55 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
579	65 Watt Modular CFL	Food Service	$1.5	0	0	0	0	0	0	0	0	0
580	De-lamp from 8', 4 lamp/fixture	Food Service	$6	0	0	0	0	0	0	0	0	0
581	De-lamp from 4', 4 lamp/fixture	Food Service	$6	330	661	1,280	44,183	88,365	171,208	6	12	24
582	T8 32W Dimming El Ballast	Food Service		0	0	0	0	0	0	0	0	0
583	Premium T8 El Ballast	Food Service	$1	0	0	0	0	0	0	0	0	0
584	2 4' T8 32 watt lamps with EB	Food Service	$13	127	254	493	8,216	16,432	31,836	1	2	4
585	2 4' Super T8 28 watt lamps with EB	Food Service	$13	127	254	493	14,084	28,169	54,577	2	4	8
586	1 4' T8 32 watt lamps with EB and reflector	Food Service	$13	32	64	123	5,722	11,443	22,172	1	2	3
587	2 4' T8 32 watt lamps with EB with dimming system	Food Service		0	0	0	0	0	0	0	0	0
588	2 4' T8 32 watt lamps with EB with occupancy sensors	Food Service	$13	16	32	62	1,878	3,756	7,277	0	1	1
589	2 4' Super T8 28 watt lamps with EB	Food Service	$13	24	49	95	1,129	2,257	4,373	0	0	1
590	2 8' T8 59 watt lamps with EB	Food Service		0	0	0	0	0	0	0	0	0
591	2 8' Super T8 59 watt lamps with EB	Food Service	$20	0	0	0	0	0	0	0	0	0
592	1 8' T8 59 watt lamps with EB and reflector	Food Service	$20	0	0	0	0	0	0	0	0	0
593	2 8' T8 59 watt lamps with EB with dimming system	Food Service		0	0	0	0	0	0	0	0	0
594	2 8' T8 59 watt lamps with EB with occupancy sensors	Food Service	$20	0	0	0	0	0	0	0	0	0
595	2 8' Super T8 59 watt lamps with EB	Food Service	$20	0	0	0	0	0	0	0	0	0
596	50W Metal Halide	Health Care	$54	234	468	906	183,142	366,284	709,676	12	25	48
597	75W Metal Halide	Health Care		0	0	0	0	0	0	0	0	0
598	100W Metal Halide	Health Care	$79	234	468	906	137,357	274,713	532,257	9	18	36
599	13 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0

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600	13 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
601	13 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
602	13 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
603	14 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
604	14 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
605	15 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
606	15 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
607	16 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
608	16 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
609	18 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
610	18 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
611	18 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
612	18 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
613	19 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
614	19 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
615	20 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
616	20 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
617	23 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
618	23 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
619	25 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
620	25 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
621	25 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
622	25 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
623	26 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
624	26 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
625	26 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
626	26 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
627	28 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
628	28 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
629	30 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
630	30 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
631	36 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
632	40 Watt Integral CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
633	40 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
634	55 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
635	65 Watt Modular CFL	Health Care	$1.5	0	0	0	0	0	0	0	0	0
636	De-lamp from 8', 4 lamp/fixture	Health Care	$6	0	0	0	0	0	0	0	0	0
637	De-lamp from 4', 4 lamp/fixture	Health Care	$6	384	767	1,487	87,187	174,375	337,851	8	16	31
638	T8 32W Dimming El Ballast	Health Care	$29	0	0	0	0	0	0	0	0	0
639	Premium T8 El Ballast	Health Care	$1	0	0	0	0	0	0	0	0	0
640	2 4' T8 32 watt lamps with EB	Health Care	$13	558	1,116	2,163	61,222	122,445	237,237	6	11	21
641	2 4' Super T8 28 watt lamps with EB	Health Care	$13	558	1,116	2,163	104,953	209,906	406,692	9	19	37
642	1 4' T8 32 watt lamps with EB and reflector	Health Care	$13	140	279	541	42,637	85,274	165,219	4	8	15
643	2 4' T8 32 watt lamps with EB with dimming system	Health Care	$13	70	140	270	15,579	31,158	60,368	1	3	5
644	2 4' T8 32 watt lamps with EB with occupancy sensors	Health Care	$13	349	698	1,352	69,969	139,937	271,128	6	13	25
645	2 4' Super T8 28 watt lamps with EB	Health Care	$13	209	419	811	16,399	32,798	63,546	1	3	6
646	2 8' T8 59 watt lamps with EB	Health Care	$20	0	0	0	0	0	0	0	0	0
647	2 8' Super T8 59 watt lamps with EB	Health Care	$20	0	0	0	0	0	0	0	0	0
648	1 8' T8 59 watt lamps with EB and reflector	Health Care	$20	0	0	0	0	0	0	0	0	0
649	2 8' T8 59 watt lamps with EB with dimming system	Health Care	$20	0	0	0	0	0	0	0	0	0
650	2 8' T8 59 watt lamps with EB with occupancy sensors	Health Care	$20	0	0	0	0	0	0	0	0	0
651	2 8' Super T8 59 watt lamps with EB	Health Care	$20	0	0	0	0	0	0	0	0	0
652	50W Metal Halide	Office - Small	$151	1,022	2,044	3,960	255,139	510,279	988,665	64	127	247
653	75W Metal Halide	Office - Small		0	0	0	0	0	0	0	0	0
654	100W Metal Halide	Office - Small		0	0	0	0	0	0	0	0	0
655	13 Watt Integral CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
656	13 Watt Integral CFL	Office - Small	$4.0	1,491	0	0	142,830	0	0	40	0	0
657	13 Watt Modular CFL	Office - Small		0	0	0	0	0	0	0	0	0
658	13 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
659	14 Watt Integral CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
660	14 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
661	15 Watt Integral CFL	Office - Small	$1.5	1,147	2,293	4,443	105,194	210,389	407,628	30	59	115
662	15 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
663	16 Watt Integral CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
664	16 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0

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665	18 Watt Integral CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
666	18 Watt Integral CFL	Office - Small	$1.5	1,147	2,293	4,443	133,246	266,492	516,328	37	75	145
667	18 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
668	18 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
669	19 Watt Integral CFL	Office - Small	$4.0	1,491	0	0	170,181	0	0	48	0	0
670	19 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
671	20 Watt Integral CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
672	20 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
673	23 Watt Integral CFL	Office - Small	$1.5	1,147	2,293	4,443	179,999	359,998	697,496	51	101	196
674	23 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
675	25 Watt Integral CFL	Office - Small	$4.0	1,491	0	0	227,921	0	0	64	0	0
676	25 Watt Integral CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
677	25 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
678	25 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
679	26 Watt Integral CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
680	26 Watt Integral CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
681	26 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
682	26 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
683	28 Watt Integral CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
684	28 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
685	30 Watt Integral CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
686	30 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
687	36 Watt Integral CFL	Office - Small	$1.5	1,147	2,293	4,443	266,492	532,984	1,032,657	75	150	290
688	40 Watt Integral CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
689	40 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
690	55 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
691	65 Watt Modular CFL	Office - Small	$1.5	0	0	0	0	0	0	0	0	0
692	De-lamp from 8', 4 lamp/fixture	Office - Small	$6	51	102	197	6,921	13,842	26,818	2	4	8
693	De-lamp from 4', 4 lamp/fixture	Office - Small	$7	2,390	4,781	9,263	173,083	346,166	670,697	53	107	207
694	T8 32W Dimming El Ballast	Office - Small		0	0	0	0	0	0	0	0	0
695	Premium T8 El Ballast	Office - Small	$1	0	0	0	0	0	0	0	0	0
696	2 4' T8 32 watt lamps with EB	Office - Small		0	0	0	0	0	0	0	0	0
697	2 4' Super T8 28 watt lamps with EB	Office - Small	$13	1,099	2,197	4,257	65,830	131,660	255,091	20	41	79
698	1 4' T8 32 watt lamps with EB and reflector	Office - Small	$13	122	244	473	11,886	23,772	46,058	4	7	14
699	2 4' T8 32 watt lamps with EB with dimming system	Office - Small		0	0	0	0	0	0	0	0	0
700	2 4' T8 32 watt lamps with EB with occupancy sensors	Office - Small	$13	488	976	1,892	31,208	62,417	120,932	10	19	37
701	2 4' Super T8 28 watt lamps with EB	Office - Small	$13	3,255	6,510	12,613	81,272	162,543	314,927	25	50	97
702	2 8' T8 59 watt lamps with EB	Office - Small		0	0	0	0	0	0	0	0	0
703	2 8' Super T8 59 watt lamps with EB	Office - Small		0	0	0	0	0	0	0	0	0
704	1 8' T8 59 watt lamps with EB and reflector	Office - Small	$20	6	12	23	817	1,635	3,168	0	1	1
705	2 8' T8 59 watt lamps with EB with dimming system	Office - Small		0	0	0	0	0	0	0	0	0
706	2 8' T8 59 watt lamps with EB with occupancy sensors	Office - Small		0	0	0	0	0	0	0	0	0
707	2 8' Super T8 59 watt lamps with EB	Office - Small	$20	1,905	3,810	7,382	52,320	104,639	202,738	16	32	62
708	50W Metal Halide	Food Sales	$88	200	400	774	99,965	199,931	387,366	12	25	48
709	75W Metal Halide	Food Sales		0	0	0	0	0	0	0	0	0
710	100W Metal Halide	Food Sales	$133	200	400	774	74,974	149,948	290,524	9	19	36
711	13 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
712	13 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
713	13 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
714	13 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
715	14 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
716	14 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
717	15 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
718	15 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
719	16 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
720	16 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
721	18 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
722	18 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
723	18 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
724	18 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
725	19 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
726	19 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
727	20 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
728	20 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
729	23 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations			kWh Savings			kW Savings		
				2008	2009	2010	2008	2009	2010	2008	2009	2010
730	23 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
731	25 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
732	25 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
733	25 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
734	25 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
735	26 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
736	26 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
737	26 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
738	26 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
739	28 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
740	28 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
741	30 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
742	30 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
743	36 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
744	40 Watt Integral CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
745	40 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
746	55 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
747	65 Watt Modular CFL	Food Sales	$1.5	0	0	0	0	0	0	0	0	0
748	De-lamp from 8', 4 lamp/fixture	Food Sales	$6	10	20	39	2,713	5,427	10,514	0	1	2
749	De-lamp from 4', 4 lamp/fixture	Food Sales	$6	468	936	1,813	67,856	135,713	262,944	10	21	40
750	T8 32W Dimming El Ballast	Food Sales		0	0	0	0	0	0	0	0	0
751	Premium T8 El Ballast	Food Sales	$1	0	0	0	0	0	0	0	0	0
752	2 4' T8 32 watt lamps with EB	Food Sales	$13	96	191	370	6,691	13,382	25,928	1	2	4
753	2 4' Super T8 28 watt lamps with EB	Food Sales	$13	96	191	370	11,470	22,941	44,448	2	4	7
754	1 4' T8 32 watt lamps with EB and reflector	Food Sales	$13	24	48	93	4,660	9,320	18,057	1	1	3
755	2 4' T8 32 watt lamps with EB with dimming system	Food Sales	$13	31	62	120	4,427	8,854	17,154	1	1	3
756	2 4' T8 32 watt lamps with EB with occupancy sensors	Food Sales	$13	12	24	46	1,529	3,059	5,926	0	0	1
757	2 4' Super T8 28 watt lamps with EB	Food Sales	$13	597	1,194	2,314	29,871	59,742	115,749	5	9	18
758	2 8' T8 59 watt lamps with EB	Food Sales		0	0	0	0	0	0	0	0	0
759	2 8' Super T8 59 watt lamps with EB	Food Sales	$20	196	391	758	24,469	48,939	94,819	4	8	15
760	1 8' T8 59 watt lamps with EB and reflector	Food Sales	$20	49	98	190	13,458	26,916	52,151	2	4	8
761	2 8' T8 59 watt lamps with EB with dimming system	Food Sales		0	0	0	0	0	0	0	0	0
762	2 8' T8 59 watt lamps with EB with occupancy sensors	Food Sales	$20	24	49	95	4,380	8,760	16,973	1	1	3
763	2 8' Super T8 59 watt lamps with EB	Food Sales	$20	349	699	1,354	19,226	38,452	74,501	3	6	11
764	50W Metal Halide	Lodging	$54	289	578	1,120	218,702	437,403	847,469	11	22	44
765	75W Metal Halide	Lodging		0	0	0	0	0	0	0	0	0
766	100W Metal Halide	Lodging	$84	289	578	1,120	164,026	328,053	635,602	8	17	33
767	13 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
768	13 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
769	13 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
770	13 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
771	14 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
772	14 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
773	15 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
774	15 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
775	16 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
776	16 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
777	18 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
778	18 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
779	18 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
780	18 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
781	19 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
782	19 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
783	20 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
784	20 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
785	23 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
786	23 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
787	25 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
788	25 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
789	25 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
790	25 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
791	26 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
792	26 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
793	26 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
794	26 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0

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795	28 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
796	28 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
797	30 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
798	30 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
799	36 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
800	40 Watt Integral CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
801	40 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
802	55 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
803	65 Watt Modular CFL	Lodging	$1.5	0	0	0	0	0	0	0	0	0
804	De-lamp from 8', 4 lamp/fixture	Lodging	$6	0	0	0	0	0	0	0	0	0
805	De-lamp from 4', 4 lamp/fixture	Lodging	$6	360	720	1,396	79,066	158,133	306,382	6	12	23
806	T8 32W Dimming El Ballast	Lodging	$30	0	0	0	0	0	0	0	0	0
807	Premium T8 El Ballast	Lodging	$1	0	0	0	0	0	0	0	0	0
808	2 4' T8 32 watt lamps with EB	Lodging	$13	130	259	503	13,741	27,482	53,247	1	2	4
809	2 4' Super T8 28 watt lamps with EB	Lodging	$13	130	259	503	23,556	47,113	91,281	2	4	7
810	1 4' T8 32 watt lamps with EB and reflector	Lodging	$13	14	29	56	4,253	8,506	16,481	0	1	1
811	2 4' T8 32 watt lamps with EB with dimming system	Lodging	$13	58	115	223	12,432	24,865	48,176	1	2	4
812	2 4' T8 32 watt lamps with EB with occupancy sensors	Lodging	$13	58	115	223	11,167	22,335	43,274	1	2	3
813	2 4' Super T8 28 watt lamps with EB	Lodging	$13	259	519	1,005	19,630	39,261	76,067	2	3	6
814	2 8' T8 59 watt lamps with EB	Lodging		0	0	0	0	0	0	0	0	0
815	2 8' Super T8 59 watt lamps with EB	Lodging	$20	0	0	0	0	0	0	0	0	0
816	1 8' T8 59 watt lamps with EB and reflector	Lodging	$20	0	0	0	0	0	0	0	0	0
817	2 8' T8 59 watt lamps with EB with dimming system	Lodging	$20	0	0	0	0	0	0	0	0	0
818	2 8' T8 59 watt lamps with EB with occupancy sensors	Lodging	$20	0	0	0	0	0	0	0	0	0
819	2 8' Super T8 59 watt lamps with EB	Lodging	$20	0	0	0	0	0	0	0	0	0
820	Premium Efficiency Motor - 1 HP	Office - Large		0	0	0	0	0	0	0	0	0
821	Premium Efficiency Motor - 5 HP	Office - Large	$10	145	290	561	16,321	32,641	63,242	8	16	30
822	Premium Efficiency Motor - 10 HP	Office - Large	$10	40	79	154	9,404	18,809	36,442	4	9	17
823	Premium Efficiency Motor - 15 HP	Office - Large	$10	40	79	154	12,437	24,873	48,192	6	12	23
824	Premium Efficiency Motor - 20 HP	Office - Large	$10	40	79	154	22,525	45,050	87,284	8	16	31
825	Premium Efficiency Motor - 25 HP	Office - Large	$10	14	27	53	9,085	18,170	35,204	3	6	12
826	Premium Efficiency Motor - 50 HP	Office - Large	$10	14	27	53	14,009	28,018	54,286	5	10	19
827	Premium Efficiency Motor - 100 HP	Office - Large	$10	5	11	21	9,360	18,719	36,268	3	7	13
828	Premium Efficiency Motor - 150 HP	Office - Large	$10	1	2	4	1,684	3,368	6,525	1	1	2
829	Premium Efficiency Motor - 200 HP	Office - Large	$10	1	2	4	1,763	3,527	6,833	1	2	3
830	Premium Efficiency Motor - 1 HP	Office - Large		0	0	0	0	0	0	0	0	0
831	Premium Efficiency Motor - 5 HP	Office - Large	$10	145	290	561	16,321	32,641	63,242	8	16	30
832	Premium Efficiency Motor - 10 HP	Office - Large	$10	40	79	154	9,404	18,809	36,442	4	9	17
833	Premium Efficiency Motor - 15 HP	Office - Large		0	0	0	0	0	0	0	0	0
834	Premium Efficiency Motor - 20 HP	Office - Large	$10	40	79	154	22,525	45,050	87,284	8	16	31
835	Premium Efficiency Motor - 25 HP	Office - Large		0	0	0	0	0	0	0	0	0
836	Premium Efficiency Motor - 50 HP	Office - Large	$10	14	27	53	14,009	28,018	54,286	5	10	19
837	Premium Efficiency Motor - 100 HP	Office - Large	$10	5	11	21	6,452	12,905	25,003	2	5	9
838	Premium Efficiency Motor - 150 HP	Office - Large	$10	1	2	4	1,684	3,368	6,525	1	1	2
839	Premium Efficiency Motor - 200 HP	Office - Large	$10	1	2	4	2,634	5,268	10,208	1	2	5
840	High Efficiency Copier	Office - Large		0	0	0	0	0	0	0	0	0
841	High Efficiency Copier	Office - Large		0	0	0	0	0	0	0	0	0
842	High Efficiency Copier	Office - Large		0	0	0	0	0	0	0	0	0
843	High Pressure Sodium 200 W	Warehouse and Storage	$39.72	1,640	3,279	6,354	1,021,825	2,043,650	3,959,572	0	0	0
844	Low Pressure Sodium 180 W	Warehouse and Storage	$35.62	1,640	3,279	6,354	1,124,007	2,248,015	4,355,529	0	0	0
845	Metal Halide 175 W PS	Warehouse and Storage		0	0	0	0	0	0	0	0	0
846	Metal Halide 175 W PS	Warehouse and Storage	$49.21	1,640	3,279	6,354	1,481,646	2,963,292	5,741,379	0	0	0
847	Metal Halide 250 W PS	Warehouse and Storage	$94.89	1,640	3,279	6,354	812,351	1,624,702	3,147,859	0	0	0
848	Photocell:	Warehouse and Storage		0	0	0	0	0	0	0	0	0
849	Timeclock:	Warehouse and Storage		0	0	0	0	0	0	0	0	0
850	Electroluminescent Exit Sign (New)	Office - Large	$34	83	165	320	23,922	47,843	92,696	3	6	11
851	Electroluminescent Exit Sign Retrofit Kit	Office - Large	$31	83	165	320	23,922	47,843	92,696	3	6	11
852	LED Exit Sign (New)	Office - Large	$16	83	165	320	22,082	44,163	85,566	3	5	10
853	LED Exit Sign Retrofit Kit	Office - Large	$13	83	165	320	22,082	44,163	85,566	3	5	10
854	Electroluminescent Exit Sign (New)	Education	$34	233	505	728	67,278	146,076	210,549	8	18	25
855	Electroluminescent Exit Sign Retrofit Kit	Education	$31	233	505	728	67,278	146,076	210,549	8	18	25
856	LED Exit Sign (New)	Education	$16	233	505	728	62,103	134,840	194,353	8	16	24
857	LED Exit Sign Retrofit Kit	Education	$13	233	505	728	62,103	134,840	194,353	8	16	24
858	Electroluminescent Exit Sign (New)	Food Sales	$34	3	6	11	826	1,652	3,200	0	0	0
859	Electroluminescent Exit Sign Retrofit Kit	Food Sales	$31	3	6	11	826	1,652	3,200	0	0	0

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations 2008	Installations 2009	Installations 2010	kWh Savings 2008	kWh Savings 2009	kWh Savings 2010	kW Savings 2008	kW Savings 2009	kW Savings 2010
860	LED Exit Sign (New)	Food Sales	$16	3	6	11	762	1,525	2,954	0	0	0
861	LED Exit Sign Retrofit Kit	Food Sales	$13	3	6	11	762	1,525	2,954	0	0	0
862	Electroluminescent Exit Sign (New)	Food Service	$34	22	44	86	6,424	12,847	24,891	1	2	3
863	Electroluminescent Exit Sign Retrofit Kit	Food Service	$31	22	44	86	6,424	12,847	24,891	1	2	3
864	LED Exit Sign (New)	Food Service	$16	22	44	86	5,929	11,859	22,977	1	1	3
865	LED Exit Sign Retrofit Kit	Food Service	$13	22	44	86	5,929	11,859	22,977	1	1	3
866	Electroluminescent Exit Sign (New)	Lodging	$34	28	57	110	8,176	16,352	31,682	1	2	4
867	Electroluminescent Exit Sign Retrofit Kit	Lodging	$31	28	57	110	8,176	16,352	31,682	1	2	4
868	LED Exit Sign (New)	Lodging	$16	28	57	110	7,547	15,094	29,245	1	2	4
869	LED Exit Sign Retrofit Kit	Lodging	$13	28	57	110	7,547	15,094	29,245	1	2	4
870	Electroluminescent Exit Sign (New)	Office - Small	$34	72	145	281	20,941	41,881	81,145	3	5	10
871	Electroluminescent Exit Sign Retrofit Kit	Office - Small	$31	72	145	281	20,941	41,881	81,145	3	5	10
872	LED Exit Sign (New)	Office - Small	$16	72	145	281	19,330	38,660	74,903	2	5	9
873	LED Exit Sign Retrofit Kit	Office - Small	$13	72	145	281	19,330	38,660	74,903	2	5	9
874	Electroluminescent Exit Sign (New)	Assembly	$34	314	682	984	90,903	197,370	284,482	11	24	34
875	Electroluminescent Exit Sign Retrofit Kit	Assembly	$31	314	682	984	90,903	197,370	284,482	11	24	34
876	LED Exit Sign (New)	Assembly	$16	314	682	984	83,910	182,188	262,599	10	22	32
877	LED Exit Sign Retrofit Kit	Assembly	$13	314	682	984	83,910	182,188	262,599	10	22	32
878	Electroluminescent Exit Sign (New)	Retail - Large	$34	65	129	250	18,666	37,332	72,330	2	5	9
879	Electroluminescent Exit Sign Retrofit Kit	Retail - Large	$31	65	129	250	18,666	37,332	72,330	2	5	9
880	LED Exit Sign (New)	Retail - Large	$16	65	129	250	17,230	34,460	66,766	2	4	8
881	LED Exit Sign Retrofit Kit	Retail - Large	$13	65	129	250	17,230	34,460	66,766	2	4	8
882	Electroluminescent Exit Sign (New)	Retail - Small	$34	65	129	250	18,666	37,332	72,330	2	5	9
883	Electroluminescent Exit Sign Retrofit Kit	Retail - Small	$31	65	129	250	18,666	37,332	72,330	2	5	9
884	LED Exit Sign (New)	Retail - Small	$16	65	129	250	17,230	34,460	66,766	2	4	8
885	LED Exit Sign Retrofit Kit	Retail - Small	$13	65	129	250	17,230	34,460	66,766	2	4	8
886	Electroluminescent Exit Sign (New)	Warehouse and Storage	$34	12	23	45	3,345	6,689	12,960	0	1	2
887	Electroluminescent Exit Sign Retrofit Kit	Warehouse and Storage	$31	12	23	45	3,345	6,689	12,960	0	1	2
888	LED Exit Sign (New)	Warehouse and Storage	$16	12	23	45	3,087	6,175	11,963	0	1	1
889	LED Exit Sign Retrofit Kit	Warehouse and Storage	$13	12	23	45	3,087	6,175	11,963	0	1	1
890	Occ-Sensor - Plug loads	Office - Large		0	0	0	0	0	0	0	0	0
891	Occ-Sensor - Wall box	Office - Large	$36	6,304	12,609	24,429	1,024,187	2,048,373	3,968,724	844	1,688	3,271
892	Occ-Sensor - Plug loads	Education		0	0	0	0	0	0	0	0	0
893	Occ-Sensor - Wall box	Education	$36	36,549	79,356	114,381	5,937,643	12,891,940	18,581,962	4,894	10,625	15,315
894	Occ-Sensor - Plug loads	Food Sales		0	0	0	0	0	0	0	0	0
895	Occ-Sensor - Wall box	Food Sales	$36	1,080	2,160	4,185	175,467	350,935	679,936	145	289	560
896	Occ-Sensor - Plug loads	Food Service		0	0	0	0	0	0	0	0	0
897	Occ-Sensor - Wall box	Food Service	$36	663	1,327	2,571	107,784	215,569	417,664	89	178	344
898	Occ-Sensor - Plug loads	Lodging		0	0	0	0	0	0	0	0	0
899	Occ-Sensor - Wall box	Lodging	$36	1,564	3,128	6,061	254,098	508,195	984,629	209	419	812
900	Occ-Sensor - Plug loads	Office - Small		0	0	0	0	0	0	0	0	0
901	Occ-Sensor - Wall box	Office - Small	$36	5,519	11,037	21,385	896,557	1,793,114	3,474,158	739	1,478	2,863
902	Occ-Sensor - Plug loads	Assembly		0	0	0	0	0	0	0	0	0
903	Occ-Sensor - Wall box	Assembly	$36	43,873	95,258	137,301	7,127,443	15,475,260	22,305,462	5,874	12,754	18,384
904	Occ-Sensor - Plug loads	Retail - Large		0	0	0	0	0	0	0	0	0
905	Occ-Sensor - Wall box	Retail - Large	$36	9,010	18,021	34,915	1,463,800	2,927,599	5,672,223	1,206	2,413	4,675
906	Occ-Sensor - Plug loads	Retail - Small		0	0	0	0	0	0	0	0	0
907	Occ-Sensor - Wall box	Retail - Small	$36	9,010	18,021	34,915	1,463,800	2,927,599	5,672,223	1,206	2,413	4,675
908	Occ-Sensor - Plug loads	Warehouse and Storage		0	0	0	0	0	0	0	0	0
909	Occ-Sensor - Wall box	Warehouse and Storage	$36	4,926	9,852	19,088	800,241	1,600,482	3,100,933	660	1,319	2,556
910	Connectionless Steamer	Food Service		0	0	0	0	0	0	0	0	0
911	Hot Food Holding Cabinet	Food Service	$271	13	25	48	38,281	76,562	148,340	0	0	0
912	Efficient French Fryer - Electric	Food Service		0	0	0	0	0	0	0	0	0
913	Connectionless Steamer	Food Service	$2,008	13	25	48	106,077	212,154	411,048	24	48	92
914	Efficient Electric Griddle	Food Service		0	0	0	0	0	0	0	0	0
915	Efficient Convection Oven	Food Service		0	0	0	0	0	0	0	0	0
916	Efficient Combination Oven-Electric	Food Service		0	0	0	0	0	0	0	0	0
917	Efficient Hot Food Holding Cabinet-Full-Size	Food Service		0	0	0	0	0	0	0	0	0
918	Efficient Hot Food Holding Cabinet-Three-Quarter-Size	Food Service		0	0	0	0	0	0	0	0	0
919	Efficient Hot Food Holding Cabinet-Half-Size	Food Service		0	0	0	0	0	0	0	0	0
920	Efficient Air-Cooled 101-200 lbs/day	Food Service		0	0	0	0	0	0	0	0	0
921	Efficient Air-Cooled 201-300 lbs/day	Food Service	$78	13	25	48	21,672	43,344	83,979	2	5	10
922	Efficient Air-Cooled 301-400 lbs/day	Food Service	$240	13	25	48	15,777	31,554	61,136	2	4	7
923	Efficient Air-Cooled 401-500 lbs/day	Food Service		0	0	0	0	0	0	0	0	0
924	Efficient ir-Cooled 501-1000 lbs/day	Food Service		0	0	0	0	0	0	0	0	0

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations 2008	Installations 2009	Installations 2010	kWh Savings 2008	kWh Savings 2009	kWh Savings 2010	kW Savings 2008	kW Savings 2009	kW Savings 2010
925	Efficient Air-Cooled 1001-1500 lbs/day	Food Service	$1,033	38	75	145	117,028	234,056	453,484	13	27	52
926	Efficient Air-Cooled > 1500 lbs/day	Food Service		0	0	0	0	0	0	0	0	0
927	Efficient Solid-Door Refrigerator 2-Door 31-60 cf	Food Service		0	0	0	0	0	0	0	0	0
928	Efficient Solid-Door Refrigerator 3-Door 61-90 cf	Food Service		0	0	0	0	0	0	0	0	0
929	Efficient Solid-Door Freezer 2-Door 31-60 cf	Food Service		0	0	0	0	0	0	0	0	0
930	Efficient Solid-Door Freezer 3-Door 61-90 cf	Food Service		0	0	0	0	0	0	0	0	0
931	Vending Machine Controller	Food Service	$54	146	291	564	178,385	356,770	691,242	0	0	0
932	Vending Machine Controller	Food Service	$34	146	291	564	42,826	85,651	165,949	0	0	0
933	2 1-lamp F32T8 with EB and CFL Task Light	Office - Large	$8	14	27	53	1,430	2,860	5,541	0	1	2
934	2 1-lamp Super T8s with high-power EB	Office - Large	$4	14	27	53	1,907	3,813	7,388	1	1	2
935	2 1-lamp indirect fixture with T5	Office - Large		0	0	0	0	0	0	0	0	0
936	High Bay T5 (4L4' F28T5/HO)	Office - Large	$27	8	17	32	6,130	12,260	23,754	2	3	6
937	26 W White LED Lamp	Office - Large		0	0	0	0	0	0	0	0	0
938	LED Traffic Signal	Service	$58	15	30	58	36,051	72,102	139,697	4	8	16
939	LED Pedestrian Signal	Service	$34	15	30	58	5,393	10,785	20,897	1	1	2
940	Computer Power Management	Office - Large	$3	2,535	5,070	9,823	559,316	1,118,633	2,167,351	199	398	772
941	Variable speed drive for chilled water loop	Office - Large	$1,599	6	12	23	89,903	179,806	348,375	86	173	334
942	Variable speed drive for chilled water loop	Education	$1,528	36	77	111	275,296	597,729	861,544	416	904	1,303
943	Variable speed drive for chilled water loop	Warehouse and Storage		0	0	0	0	0	0	0	0	0
944	Variable speed drive for chilled water loop	Retail - Large		0	0	0	0	0	0	0	0	0
945	Variable speed drive for chilled water loop	Retail - Small		0	0	0	0	0	0	0	0	0
946	Variable speed drive for chilled water loop	Office - Small		0	0	0	0	0	0	0	0	0
947	Variable speed drive for chilled water loop	Assembly		0	0	0	0	0	0	0	0	0
948	Variable speed drive for chilled water loop	Food Sales		0	0	0	0	0	0	0	0	0
949	Variable speed drive for chilled water loop	Food Service		0	0	0	0	0	0	0	0	0
950	Variable speed drive for chilled water loop	Lodging - Hotel	$2,421	0	1	2	12,122	24,243	46,971	8	16	31
951	Variable speed drive for chilled water loop	Lodging - Motel		0	0	0	0	0	0	0	0	0
952	Variable speed drive for chilled water loop	Health Care	$2,202	1	1	2	28,042	56,083	108,662	21	43	83
953	Variable speed drive for hot water loop	Office - Large	$386	6	12	23	90,855	181,709	352,062	73	145	281
954	Variable speed drive for hot water loop	Education	$249	36	77	111	238,461	517,752	746,268	344	747	1,077
955	Variable speed drive for hot water loop	Warehouse and Storage		0	0	0	0	0	0	0	0	0
956	Variable speed drive for chilled water loop	Retail - Large		0	0	0	0	0	0	0	0	0
957	Variable speed drive for chilled water loop	Retail - Small		0	0	0	0	0	0	0	0	0
958	Variable speed drive for chilled water loop	Office - Small		0	0	0	0	0	0	0	0	0
959	Variable speed drive for chilled water loop	Assembly		0	0	0	0	0	0	0	0	0
960	Variable speed drive for chilled water loop	Food Sales		0	0	0	0	0	0	0	0	0
961	Variable speed drive for chilled water loop	Food Service		0	0	0	0	0	0	0	0	0
962	Variable speed drive for chilled water loop	Lodging - Hotel	$637	0	1	2	10,532	21,064	40,812	7	14	26
963	Variable speed drive for chilled water loop	Lodging - Motel		0	0	0	0	0	0	0	0	0
964	Variable speed drive for chilled water loop	Health Care	$629	1	1	2	21,060	42,121	81,609	18	36	70
965	Older building ceiling/roof insulation up to current standards	Office - Large		0	0	0	0	0	0	0	0	0
966	Older building ceiling/roof insulation up to current standards	Education		0	0	0	0	0	0	0	0	0
967	Older building ceiling/roof insulation up to current standards	Warehouse and Storage		0	0	0	0	0	0	0	0	0
968	Older building ceiling/roof insulation up to current standards	Retail - Large		0	0	0	0	0	0	0	0	0
969	Older building ceiling/roof insulation up to current standards	Retail - Small		0	0	0	0	0	0	0	0	0
970	Older building ceiling/roof insulation up to current standards	Office - Small		0	0	0	0	0	0	0	0	0
971	Older building ceiling/roof insulation up to current standards	Assembly		0	0	0	0	0	0	0	0	0
972	Older building ceiling/roof insulation up to current standards	Food Sales		0	0	0	0	0	0	0	0	0
973	Older building ceiling/roof insulation up to current standards	Food Service		0	0	0	0	0	0	0	0	0
974	Older building ceiling/roof insulation up to current standards	Lodging - Hotel		0	0	0	0	0	0	0	0	0
975	Older building ceiling/roof insulation up to current standards	Lodging - Motel		0	0	0	0	0	0	0	0	0
976	Older building ceiling/roof insulation up to current standards	Health Care		0	0	0	0	0	0	0	0	0
977	Chilled Water Loop temperature control	Office - Large	$165	1	7	11	947	5,609	9,474	11	63	107
978	Chilled Water Loop temperature control	Education	$100	10	10	21	5,310	5,289	10,594	87	87	174
979	Chilled Water Loop temperature control	Warehouse and Storage		0	0	0	0	0	0	0	0	0
980	Chilled Water Loop temperature control	Retail - Large		0	0	0	0	0	0	0	0	0
981	Chilled Water Loop temperature control	Retail - Small		0	0	0	0	0	0	0	0	0
982	Chilled Water Loop temperature control	Office - Small		0	0	0	0	0	0	0	0	0
983	Chilled Water Loop temperature control	Assembly		0	0	0	0	0	0	0	0	0
984	Chilled Water Loop temperature control	Food Sales		0	0	0	0	0	0	0	0	0
985	Chilled Water Loop temperature control	Food Service		0	0	0	0	0	0	0	0	0
986	Chilled Water Loop temperature control	Lodging - Hotel	$235	0	1	1	106	630	1,063	1	6	10
987	Chilled Water Loop temperature control	Lodging - Motel		0	0	0	0	0	0	0	0	0
988	Chilled Water Loop temperature control	Health Care	$418	0	1	1	211	1,251	2,112	3	17	29
989	Hot Water Loop temperature control	Office - Large	$1	1	7	11	4	27	45	11	63	107

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990	Hot Water Loop temperature control	Education	$1	10	10	21	55	55	109	87	87	174
991	Hot Water Loop temperature control	Warehouse and Storage		0	0	0	0	0	0	0	0	0
992	Hot Water Loop temperature control	Retail - Large		0	0	0	0	0	0	0	0	0
993	Hot Water Loop temperature control	Retail - Small		0	0	0	0	0	0	0	0	0
994	Hot Water Loop temperature control	Office - Small		0	0	0	0	0	0	0	0	0
995	Hot Water Loop temperature control	Assembly		0	0	0	0	0	0	0	0	0
996	Hot Water Loop temperature control	Food Sales		0	0	0	0	0	0	0	0	0
997	Hot Water Loop temperature control	Food Service		0	0	0	0	0	0	0	0	0
998	Hot Water Loop temperature control	Lodging - Hotel	$0	0	1	1	0	0	0	1	6	10
999	Hot Water Loop temperature control	Lodging - Motel		0	0	0	0	0	0	0	0	0
1000	Hot Water Loop temperature control	Health Care	$0	0	1	1	0	0	0	3	17	29
1001	Dirty Air-cooled condenser coils are cleaned	Office - Large		0	0	0	0	0	0	0	0	0
1002	Dirty Air-cooled condenser coils are cleaned	Education		0	0	0	0	0	0	0	0	0
1003	Dirty Air-cooled condenser coils are cleaned	Warehouse and Storage	$1,357	8	50	84	57,510	340,520	575,100	22	130	220
1004	Dirty Air-cooled condenser coils are cleaned	Retail - Large	$20,185	1	6	9	95,311	564,340	953,108	25	146	247
1005	Dirty Air-cooled condenser coils are cleaned	Retail - Small	$2,479	5	29	49	62,087	367,623	620,874	15	91	154
1006	Dirty Air-cooled condenser coils are cleaned	Office - Small	$1,532	8	46	78	60,714	359,493	607,143	12	74	125
1007	Dirty Air-cooled condenser coils are cleaned	Assembly	$1,459	79	79	158	584,780	582,442	1,166,702	0	0	0
1008	Dirty Air-cooled condenser coils are cleaned	Food Sales	$1,064	5	31	52	28,101	166,389	281,013	6	33	55
1009	Dirty Air-cooled condenser coils are cleaned	Food Service	$1,619	4	26	43	35,387	209,526	353,866	7	44	74
1010	Dirty Air-cooled condenser coils are cleaned	Lodging - Hotel	$12,487	0	2	3	18,873	111,747	188,729	0	0	0
1011	Dirty Air-cooled condenser coils are cleaned	Lodging - Motel	$11,877	1	4	6	38,301	226,784	383,013	5	27	46
1012	Dirty Air-cooled condenser coils are cleaned	Health Care	$21,956	0	2	3	36,989	219,012	369,887	0	0	0
1013	Central HVAC system Economizer retrofit	Office - Large		0	0	0	0	0	0	0	0	0
1014	Central HVAC system Economizer retrofit	Education		0	0	0	0	0	0	0	0	0
1015	Packaged system Economizer retrofit	Warehouse and Storage		0	0	0	0	0	0	0	0	0
1016	Central HVAC system Economizer retrofit	Retail - Large		0	0	0	0	0	0	0	0	0
1017	Central HVAC system Economizer retrofit	Retail - Small		0	0	0	0	0	0	0	0	0
1018	Packaged system Economizer retrofit	Office - Small		0	0	0	0	0	0	0	0	0
1019	Central HVAC system Economizer retrofit	Assembly		0	0	0	0	0	0	0	0	0
1020	Central HVAC system Economizer retrofit	Food Sales		0	0	0	0	0	0	0	0	0
1021	Packaged system Economizer retrofit	Food Service		0	0	0	0	0	0	0	0	0
1022	Central HVAC system Economizer retrofit	Lodging - Hotel		0	0	0	0	0	0	0	0	0
1023	Central HVAC system Economizer retrofit	Lodging - Motel		0	0	0	0	0	0	0	0	0
1024	Packaged system Economizer retrofit	Health Care		0	0	0	0	0	0	0	0	0
1025	Light Colored Roof	Office - Large		0	0	0	0	0	0	0	0	0
1026	Light Colored Roof	Education		0	0	0	0	0	0	0	0	0
1027	Light Colored Roof	Warehouse and Storage		0	0	0	0	0	0	0	0	0
1028	Light Colored Roof	Retail - Large		0	0	0	0	0	0	0	0	0
1029	Light Colored Roof	Retail - Small		0	0	0	0	0	0	0	0	0
1030	Light Colored Roof	Office - Small		0	0	0	0	0	0	0	0	0
1031	Light Colored Roof	Assembly		0	0	0	0	0	0	0	0	0
1032	Light Colored Roof	Food Sales		0	0	0	0	0	0	0	0	0
1033	Light Colored Roof	Food Service		0	0	0	0	0	0	0	0	0
1034	Light Colored Roof	Lodging - Hotel		0	0	0	0	0	0	0	0	0
1035	Light Colored Roof	Lodging - Motel		0	0	0	0	0	0	0	0	0
1036	Light Colored Roof	Health Care		0	0	0	0	0	0	0	0	0
1037	time clocks control packaged system operation	Office - Large	$59,087	1	7	11	338,725	2,005,607	3,387,248	0	0	0
1038	time clocks control packaged system operation	Education	$31,407	10	10	21	1,660,855	1,654,215	3,313,595	54	54	107
1039	time clocks control packaged system operation	Warehouse and Storage	$4,596	3	15	25	58,448	346,071	584,476	0	1	2
1040	time clocks control packaged system operation	Retail - Large	$31,075	0	2	3	44,020	260,647	440,203	0	0	0
1041	time clocks control packaged system operation	Retail - Small		0	0	0	0	0	0	0	0	0
1042	time clocks control packaged system operation	Office - Small	$5,521	2	14	23	65,632	388,613	656,324	0	0	0
1043	time clocks control packaged system operation	Assembly		0	0	0	0	0	0	0	0	0
1044	time clocks control packaged system operation	Food Sales	$2,597	2	9	16	20,584	121,879	205,841	0	0	0
1045	time clocks control packaged system operation	Food Service	$5,793	1	8	13	37,983	224,901	379,833	0	0	0
1046	time clocks control packaged system operation	Lodging - Hotel	$71,631	0	1	1	32,479	192,307	324,785	0	0	0
1047	time clocks control packaged system operation	Lodging - Motel	$27,587	0	1	2	26,690	158,032	266,899	0	0	0
1048	time clocks control packaged system operation	Health Care	$61,740	0	1	1	31,203	184,756	312,032	0	2	4
1049	Base ventilation rate 25% higher than required	Office - Large		0	0	0	0	0	0	0	0	0
1050	Base ventilation rate 25% higher than required	Education		0	0	0	0	0	0	0	0	0
1051	Base ventilation rate 25% higher than required	Warehouse and Storage		0	0	0	0	0	0	0	0	0
1052	Base ventilation rate 25% higher than required	Retail - Large		0	0	0	0	0	0	0	0	0
1053	Base ventilation rate 25% higher than required	Retail - Small		0	0	0	0	0	0	0	0	0
1054	Base ventilation rate 25% higher than required	Office - Small		0	0	0	0	0	0	0	0	0

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations 2008	Installations 2009	Installations 2010	kWh Savings 2008	kWh Savings 2009	kWh Savings 2010	kW Savings 2008	kW Savings 2009	kW Savings 2010
1055	Base ventilation rate 25% higher than required	Assembly		0	0	0	0	0	0	0	0	0
1056	Base ventilation rate 25% higher than required	Food Sales		0	0	0	0	0	0	0	0	0
1057	Base ventilation rate 25% higher than required	Food Service		0	0	0	0	0	0	0	0	0
1058	Base ventilation rate 25% higher than required	Lodging - Hotel		0	0	0	0	0	0	0	0	0
1059	Base ventilation rate 25% higher than required	Lodging - Motel		0	0	0	0	0	0	0	0	0
1060	Base ventilation rate 25% higher than required	Health Care		0	0	0	0	0	0	0	0	0
1061	Efficient chiller	Office - Large	$2,710	3	6	12	69,887	139,773	270,811	38	75	146
1062	Efficient chiller	Education		0	0	0	0	0	0	0	0	0
1063	Efficient chiller	Warehouse and Storage		0	0	0	0	0	0	0	0	0
1064	Efficient chiller	Retail - Large		0	0	0	0	0	0	0	0	0
1065	Efficient chiller	Retail - Small		0	0	0	0	0	0	0	0	0
1066	Efficient chiller	Office - Small		0	0	0	0	0	0	0	0	0
1067	Efficient chiller	Assembly		0	0	0	0	0	0	0	0	0
1068	Efficient chiller	Food Sales		0	0	0	0	0	0	0	0	0
1069	Efficient chiller	Food Service		0	0	0	0	0	0	0	0	0
1070	Efficient chiller	Lodging - Hotel	$3,078	0	0	1	9,452	18,904	36,627	4	9	17
1071	Efficient chiller	Lodging - Motel		0	0	0	0	0	0	0	0	0
1072	Efficient chiller	Health Care	$7,758	0	1	1	14,687	29,375	56,914	6	12	23
1073	Efficient packaged AC	Office - Large		0	0	0	0	0	0	0	0	0
1074	Efficient packaged AC	Education		0	0	0	0	0	0	0	0	0
1075	Efficient packaged AC	Warehouse and Storage	$2,841	9	18	34	46,556	93,113	180,406	33	67	129
1076	Efficient packaged AC	Retail - Large	$24,751	1	2	4	71,902	143,804	278,619	31	61	118
1077	Efficient packaged AC	Retail - Small	$3,065	5	10	20	47,500	95,001	184,064	25	50	96
1078	Efficient packaged AC	Office - Small	$1,637	8	16	32	43,897	87,793	170,100	21	42	82
1079	Efficient packaged AC	Assembly		0	0	0	0	0	0	0	0	0
1080	Efficient packaged AC	Food Sales	$746	5	11	21	22,696	45,392	87,947	10	20	40
1081	Efficient packaged AC	Food Service	$1,886	5	9	18	25,102	50,205	97,272	11	23	44
1082	Efficient packaged AC	Lodging - Hotel		0	0	0	0	0	0	0	0	0
1083	Efficient packaged AC	Lodging - Motel	$2,531	1	1	3	39,859	79,718	154,453	17	34	67
1084	Efficient packaged AC	Health Care		0	0	0	0	0	0	0	0	0
1085	Efficient boiler	Office - Large		0	0	0	0	0	0	0	0	0
1086	Efficient boiler	Education		0	0	0	0	0	0	0	0	0
1087	Efficient boiler	Warehouse and Storage		0	0	0	0	0	0	0	0	0
1088	Efficient boiler	Retail - Large		0	0	0	0	0	0	0	0	0
1089	Efficient boiler	Retail - Small		0	0	0	0	0	0	0	0	0
1090	Efficient boiler	Office - Small		0	0	0	0	0	0	0	0	0
1091	Efficient boiler	Assembly		0	0	0	0	0	0	0	0	0
1092	Efficient boiler	Food Sales		0	0	0	0	0	0	0	0	0
1093	Efficient boiler	Food Service		0	0	0	0	0	0	0	0	0
1094	Efficient boiler	Lodging - Hotel		0	0	0	0	0	0	0	0	0
1095	Efficient boiler	Lodging - Motel		0	0	0	0	0	0	0	0	0
1096	Efficient boiler	Health Care		0	0	0	0	0	0	0	0	0
1097	VAV box retrofit on constant volume system	Office - Large	$2,133	6	12	23	1,022,091	2,044,181	3,960,601	222	444	861
1098	VAV box retrofit on constant volume system	Education	$8,466	36	77	111	1,225,706	2,661,279	3,835,869	1,180	2,561	3,692
1099	VAV box retrofit on constant volume system	Warehouse and Storage	$468	13	26	51	0	0	0	157	313	607
1100	VAV box retrofit on constant volume system	Retail - Large	$3,956	1	3	6	268,023	536,045	1,038,588	54	109	211
1101	VAV box retrofit on constant volume system	Retail - Small	$396	8	16	30	220,347	440,694	853,844	66	132	255
1102	VAV box retrofit on constant volume system	Office - Small	$193	12	25	48	251,784	503,568	975,662	86	172	333
1103	VAV box retrofit on constant volume system	Assembly	$1,175	81	176	253	929,813	2,018,830	2,909,867	911	1,977	2,850
1104	VAV box retrofit on constant volume system	Food Sales	$60	8	16	32	95,500	191,001	370,064	29	57	111
1105	VAV box retrofit on constant volume system	Food Service	$444	7	14	26	111,943	223,887	433,781	33	67	130
1106	VAV box retrofit on constant volume system	Lodging - Hotel	$5,275	0	1	2	105,480	210,960	408,735	18	36	70
1107	VAV box retrofit on constant volume system	Lodging - Motel		0	0	0	0	0	0	0	0	0
1108	VAV box retrofit on constant volume system	Health Care	$6,482	1	1	2	119,819	239,639	464,301	18	36	70
1109	Air-cooled multiplex system w/extensive refrigeration equipr	Food Sales	$12	295	590	1,142	166,245	332,490	644,200	16	33	63
1110	Turn off fixture lights when store closed	Food Sales	$1	556	1,111	2,153	29,876	59,751	115,768	0	1	1
1111	Floating SCT controlled to 70°F	Food Sales	$7	74	147	286	75,432	150,863	292,297	0	0	0
1112	Floating SCT controlled to 70°F	Food Sales	$7	74	147	286	117,621	235,243	455,783	5	10	20
1113	Floating SST control on LT and MT suction groups	Food Sales	$10	74	147	286	21,146	42,293	81,942	4	7	14
1114	Ambient following SCT setpoint, 70°F minimum, variable-spe	Food Sales	$96	74	147	286	101,499	202,997	393,307	1	2	4
1115	Wetbulb following SCT setpoint, 70°F minimum, variable-spe	Food Sales	$55	74	147	286	126,260	252,521	489,259	9	19	36
1116	Ambient following SCT setpoint, 70°F minimum	Food Sales	$13	74	147	286	76,930	153,860	298,103	1	2	4
1117	Wetbulb following SCT setpoint, 70°F minimum	Food Sales	$12	74	147	286	120,934	241,868	468,619	8	16	31
1118	Cycle fan off with thermostat; duty cycle occasionally when c	Food Sales	$36	0	1	2	219	439	850	0	0	0
1119	Adds an 85°F holdback valve, active only when needed	Food Sales		0	0	0	0	0	0	0	0	0

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations 2008	Installations 2009	Installations 2010	kWh Savings 2008	kWh Savings 2009	kWh Savings 2010	kW Savings 2008	kW Savings 2009	kW Savings 2010
1120	Cover open MT cases between 1-5 a.m.	Food Sales		0	0	0	0	0	0	0	0	0
1121	Upgrade from 53 Btu/Watt @ 10°F TD to 85 Btu/Watt	Food Sales	$35	79	157	305	74,419	148,839	288,375	10	20	39
1122	Substitute high efficiency motors for standard efficiency	Food Sales	$2	593	1,185	2,297	51,495	102,989	199,542	7	14	27
1123	Reduce design SCT by ~5°F and improve efficiency	Food Sales	$22	79	157	305	107,704	215,408	417,353	15	29	57
1124	Replace multiplex air-cooled condenser with evaporative cor	Food Sales	$414	79	157	305	87,647	175,295	339,634	35	71	137
1125	Substitute high efficiency motors for standard efficiency	Food Sales	$23	1	1	2	168	337	652	0	0	0
1126	Addition of LT and MT subcoolers to an air-cooled multiplex	Food Sales		0	0	0	0	0	0	0	0	0
1127	Addition of a LT subcooler to an air-cooled multiplex	Food Sales	$120	1	2	3	887	1,775	3,438	0	0	1
1128	Install automatic door closer on walk-in cooler doors	Food Sales		0	0	0	0	0	0	0	0	0
1129	Install automatic door closer on walk-in freezer doors	Food Sales	$108	1	2	4	1,915	3,829	7,419	0	1	1
1130	Replace single-compressor system with subcooled multiplex	Food Sales		0	0	0	0	0	0	0	0	0
1131	Replace single-compressor system with subcooled multiplex	Food Sales		0	0	0	0	0	0	0	0	0
1132	Replace single-compressor system with subcooled multiplex	Food Sales		0	0	0	0	0	0	0	0	0
1133	Replace single-compressor system with subcooled multiplex	Food Sales		0	0	0	0	0	0	0	0	0
1134	Replace open MT case with new case with doors	Food Sales		0	0	0	0	0	0	0	0	0
1135	Retrofit glass doors on open MT cases; additional lighting	Food Sales		0	0	0	0	0	0	0	0	0
1136	Eliminate anti-sweat heaters from doors	Food Sales	$7	0	1	2	87	174	337	0	0	0
1137	New HomeRefrigerator - ENERGY STAR	All Residential		0	0	0	0	0	0	0	0	0
1138	New Home 6 indoor + 2 outdoor CFLs	All Residential	$75	0	0	0	0	0	0	0	0	0
1139	Air Conditioner - SEER 14 + Programmable Thermostat	All Residential	$65	0	0	0	0	0	0	0	0	0
1140	New Home Improved thermal envelope	All Residential		0	0	0	0	0	0	0	0	0
1141	Dishwasher - ENERGY STAR	All Residential		0	0	0	0	0	0	0	0	0
1142	New Home ENERGY STAR Bathroom Exhaust Fan	All Residential		0	0	0	0	0	0	0	0	0
1143	90% AFUE furnace w/ efficient air handler	All Residential	$150	0	0	0	0	0	0	0	0	0
1144	Retrofit Refrigerator - ENERGY STAR	All Residential		0	0	0	0	0	0	0	0	0
1145	Advanced Lighting Package (10 CFL Fixtures at 3 hrs/day)	All Residential		0	0	0	0	0	0	0	0	0
1146	ENERGY STAR Bathroom Exhaust Fan	All Residential		0	0	0	0	0	0	0	0	0
1147	Dishwasher - ENERGY STAR	All Residential		0	0	0	0	0	0	0	0	0
1148	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential	$375	0	0	0	0	0	0	0	0	0
1149	WindowAir Conditioner - ENERGY STAR	All Residential	$56	0	0	0	0	0	0	0	0	0
1150	Improved thermal envelope	All Residential		0	0	0	0	0	0	0	0	0
1151	New HomeRefrigerator - ENERGY STAR	All Residential		0	0	0	0	0	0	0	0	0
1152	New Home 6 indoor + 2 outdoor CFLs	All Residential	$75	0	0	0	0	0	0	0	0	0
1153	New Home ENERGY STAR Bathroom Exhaust Fan	All Residential		0	0	0	0	0	0	0	0	0
1154	Dishwasher - ENERGY STAR	All Residential		0	0	0	0	0	0	0	0	0
1155	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential		0	0	0	0	0	0	0	0	0
1156	WindowAir Conditioner - ENERGY STAR	All Residential	$56	0	0	0	0	0	0	0	0	0
1157	Improved thermal envelope	All Residential		0	0	0	0	0	0	0	0	0
1158	90% AFUE furnace w/ efficient air handler	All Residential	$150	0	0	0	0	0	0	0	0	0
1159	15W CFL	All Residential	$0.4	0	0	0	0	0	0	0	0	0
1160	20W CFL	All Residential	$0.5	0	0	0	0	0	0	0	0	0
1161	25W CFL	All Residential	$0.6	0	0	0	0	0	0	0	0	0
1162	15W CFL daylight	All Residential	$0.5	0	0	0	0	0	0	0	0	0
1163	20W CFL daylight	All Residential	$0.6	0	0	0	0	0	0	0	0	0
1164	13W capsule	All Residential	$1.3	0	0	0	0	0	0	0	0	0
1165	16W CFL reflector	All Residential	$2.3	0	0	0	0	0	0	0	0	0
1166	Refrigerator - ENERGY STAR	All Residential		0	0	0	0	0	0	0	0	0
1167	12 CFLs at 3 hours per day	All Residential	$11	0	0	0	0	0	0	0	0	0
1168	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential		0	0	0	0	0	0	0	0	0
1169	WindowAir Conditioner - ENERGY STAR	All Residential	$206	0	0	0	0	0	0	0	0	0
1170	Public Sector Custom - Efficient Technologies	Assembly	$0	0	0	0	0	0	0	0	0	0
1171	Ceiling Mounted Motion Sensor	Office - Large	$125	210	420	814	113,799	227,597	440,969	94	188	363
1172	New Construction Upgrades from Base	Office - Large		0	0	0	0	0	0	0	0	0
1173	New Construction Upgrades from ASHRAE 90.1-1999	Office - Large	$45,000	0	4	12	0	301,252	964,008	0	150	479
1174	New Construction Upgrades from ASHRAE 90.1-2004	Office - Large	$45,000	0	4	12	0	295,000	943,999	0	149	475
1175	Christmas Lights LED Mini Lights - 25 count	Service		0	0	0	0	0	0	0	0	0
1176	Christmas Lights LED C7 - 25 count	Service	$0.31	33	55	65	648	1,080	1,276	0	0	0
1177	Christmas Lights LED C9 - 25 count	Service	$1.07	33	55	65	909	1,515	1,791	0	0	0
1178	New Home Advanced Lighting Package	Single Family, Detached	$135	0	56	112	0	114,063	228,127	0	0	0
1179	New Home Advanced Lighting Package	Single Family, Attached	$113	0	4	8	0	6,825	13,650	0	0	0
1180	New Home Advanced Lighting Package	Multi-family	$68	0	4	8	0	3,949	7,897	0	0	0
1181	Proper Refrigerant Charge + Duct Sealing + Manual J Sizing	Single Family, Attached		0	0	0	0	0	0	0	0	0
1182	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Attached	$101	0	408	1,018	0	72,264	180,234	0	129	321
1183	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Attached	$67	0	624	1,557	0	110,500	275,747	0	197	492
1184	Sizing (115%)	Single Family, Attached	$50	0	624	1,557	0	44,967	112,212	0	84	210
1187	Proper Refrigerant Charge + Duct Sealing + Manual J Sizing	Single Family, Detached		0	0	0	0	0	0	0	0	0
1188	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Detached	$129	0	5,684	14,176	0	1,704,264	4,250,635	0	2,744	6,845
1189	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Detached	$86	0	8,691	21,689	0	2,606,023	6,503,212	0	4,196	10,472

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations 2008	Installations 2009	Installations 2010	kWh Savings 2008	kWh Savings 2009	kWh Savings 2010	kW Savings 2008	kW Savings 2009	kW Savings 2010
1190	Sizing (115%)	Single Family, Detached	$50	0	8,691	21,689	0	1,146,518	2,861,084	0	1,793	4,475
1191	Duct Sealing (7CFA)	Single Family, Detached		0	0	0	0	0	0	0	0	0
1192	Duct Sealing (7CFA)	Single Family, Detached		0	0	0	0	0	0	0	0	0
1193	Proper Refrigerant Charge + Manual J Sizing	Multi-family		0	0	0	0	0	0	0	0	0
1194	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Multi-family	$29	0	394	982	0	25,566	63,764	0	48	120
1195	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Multi-family	$19	0	3,780	9,432	0	245,557	612,777	0	461	1,151
1196	Sizing (115%)	Multi-family	$25	0	3,780	9,432	0	83,224	207,683	0	167	417
1199	Custom Lighting	Service	$25,000	1	1	1	1,520,000	1,520,000	1,520,000	289	289	289
1200	Load control switch	Single Family, Detached	$6	8,092	7,695	6,896	93,616	89,024	79,784	11,702	11,128	9,973
1204	1 LEED Point (11% above code)	Education	$0.25	0	290,000	870,000	0	186,293	558,879	0	0	0
1205	2 LEED Points (14% above code)	Education	$0.50	0	116,000	348,000	0	99,356	298,069	0	0	0
1206	4 LEED Points (21% above code)	Education	$0.75	0	87,000	261,000	0	111,776	335,328	0	0	0
1207	5 LEED Points (25% above code)	Education	$1.00	0	58,000	174,000	0	86,937	260,810	0	0	0
1208	7 LEED Points (32% above code)	Education	$1.25	0	29,000	87,000	0	55,888	167,664	0	0	0
1209	0 LEED Points (10% above code)	Assembly	$0.25	0	710,000	2,130,000	0	755,440	2,266,320	0	0	0
1210	1 LEED Point (15% above code)	Assembly	$0.50	0	284,000	852,000	0	453,264	1,359,792	0	0	0
1211	2 LEED Points (20% above code)	Assembly	$0.75	0	213,000	639,000	0	453,264	1,359,792	0	0	0
1212	3 LEED Points (25% above code)	Assembly	$1.00	0	142,000	426,000	0	377,720	1,133,160	0	0	0
1213	4 LEED Point (30% above code)	Assembly	$1.25	0	71,000	213,000	0	226,632	679,896	0	0	0
1214	Lights for Learning CFL	Single Family, Detached	$2.00	1	1	2	2,663,207	3,947,632	5,384,298	0	0	0
1215	Base Compressed Air	Industrial		0	0	0	0	0	0	0	0	0
1216	Compressed Air-O&M	Industrial	$0.07	2,119,488	8,880,346	11,408,372	1,610,811	6,749,063	8,670,363	21	88	113
1217	Compressed Air - Controls	Industrial	$0.07	504,640	2,114,368	2,716,279	383,526	1,606,920	2,064,372	5	21	27
1218	Compressed Air - System Optimization	Industrial	$0.07	1,682,133	7,047,894	9,054,264	1,278,421	5,356,399	6,881,241	17	70	89
1219	Compressed Air- Sizing	Industrial	$0.07	605,568	2,537,242	3,259,535	460,232	1,928,304	2,477,247	6	25	32
1220	Comp Air - Replace 1-5 HP motor	Industrial		0	0	0	0	0	0	0	0	0
1221	Comp Air - ASD (1-5 hp)	Industrial		0	0	0	0	0	0	0	0	0
1222	Comp Air - Motor practices-1 (1-5 HP)	Industrial	$0.07	38,756	162,383	208,610	29,455	123,411	158,544	0	2	2
1223	Comp Air - Replace 6-100 HP motor	Industrial		0	0	0	0	0	0	0	0	0
1224	Comp Air - ASD (6-100 hp)	Industrial	$0.07	385,172	1,613,817	2,073,233	292,731	1,226,501	1,575,657	4	16	20
1225	Comp Air - Motor practices-1 (6-100 HP)	Industrial	$0.07	144,125	603,864	775,769	109,535	458,936	589,585	1	6	8
1226	Comp Air - Replace 100+ HP motor	Industrial	$0.07	117,506	492,333	632,489	89,305	374,173	480,692	1	5	6
1227	Comp Air - ASD (100+ hp)	Industrial	$0.07	639,796	2,680,654	3,443,773	486,245	2,037,297	2,617,268	6	26	34
1228	Comp Air - Motor practices-1 (100+ HP)	Industrial	$0.07	149,626	626,910	805,377	113,716	476,452	612,086	1	6	8
1229	Power recovery	Industrial		0	0	0	0	0	0	0	0	0
1230	Refinery Controls	Industrial		0	0	0	0	0	0	0	0	0
1231	Energy Star Transformers	Industrial		0	0	0	0	0	0	0	0	0
1232	Base Fans	Industrial		0	0	0	0	0	0	0	0	0
1233	Fans - O&M	Industrial	$0.07	184,109	771,391	990,988	139,923	586,257	753,151	2	8	10
1234	Fans - Controls	Industrial	$0.07	1,380,819	5,785,432	7,432,409	1,049,423	4,396,928	5,648,631	14	57	73
1235	Fans - System Optimization	Industrial	$0.07	584,810	2,450,267	3,147,801	444,455	1,862,203	2,392,329	6	24	31
1236	Fans- Improve components	Industrial	$0.07	184,109	771,391	990,988	139,923	586,257	753,151	2	8	10
1237	Fans - Replace 1-5 HP motor	Industrial		0	0	0	0	0	0	0	0	0
1238	Fans - ASD (1-5 hp)	Industrial		0	0	0	0	0	0	0	0	0
1239	Fans - Motor practices-1 (1-5 HP)	Industrial	$0.07	42,419	177,728	228,324	32,238	135,074	173,526	0	2	2
1240	Fans - Replace 6-100 HP motor	Industrial		0	0	0	0	0	0	0	0	0
1241	Fans - ASD (6-100 hp)	Industrial	$0.07	421,571	1,766,320	2,269,150	320,394	1,342,403	1,724,554	4	17	22
1242	Fans - Motor practices-1 (6-100 HP)	Industrial	$0.07	157,745	660,928	849,078	119,886	502,305	645,300	2	7	8
1243	Fans - Replace 100+ HP motor	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1244	Fans - ASD (100+ hp)	Industrial	$0.07	700,256	2,933,972	3,769,205	532,195	2,229,819	2,864,596	7	29	37
1245	Fans - Motor practices-1 (100+ HP)	Industrial	$0.07	163,765	686,152	881,484	124,462	521,476	669,928	2	7	9
1246	Optimize drying process	Industrial		0	0	0	0	0	0	0	0	0
1247	Power recovery	Industrial		0	0	0	0	0	0	0	0	0
1248	Refinery Controls	Industrial		0	0	0	0	0	0	0	0	0
1249	Energy Star Transformers	Industrial		0	0	0	0	0	0	0	0	0
1250	Base Pumps	Industrial		0	0	0	0	0	0	0	0	0
1251	Pumps - O&M	Industrial	$0.07	1,295,901	5,429,636	6,975,326	984,884	4,126,523	5,301,248	13	54	69
1252	Pumps - Controls	Industrial	$0.07	3,401,739	14,252,793	18,310,230	2,585,322	10,832,123	13,915,775	34	141	181
1253	Pumps - System Optimization	Industrial	$0.07	3,207,354	13,438,348	17,263,931	2,437,589	10,213,145	13,120,588	32	133	171
1254	Pumps - Sizing	Industrial	$0.07	1,295,901	5,429,636	6,975,326	984,884	4,126,523	5,301,248	13	54	69
1255	Pumps - Replace 1-5 HP motor	Industrial		0	0	0	0	0	0	0	0	0
1256	Pumps - ASD (1-5 hp)	Industrial		0	0	0	0	0	0	0	0	0
1257	Pumps - Motor practices-1 (1-5 HP)	Industrial	$0.07	74,644	312,747	401,779	56,729	237,688	305,352	1	3	4
1258	Pumps - Replace 6-100 HP motor	Industrial		0	0	0	0	0	0	0	0	0
1259	Pumps - ASD (6-100 hp)	Industrial	$0.07	741,834	3,108,176	3,993,001	563,794	2,362,214	3,034,681	7	31	39
1260	Pumps - Motor practices-1 (6-100 HP)	Industrial	$0.07	277,582	1,163,028	1,494,115	210,962	883,901	1,135,527	3	11	15

ICF ID	Efficient Technology	Sub Division	Incentive per Unit	Installations 2008	Installations 2009	Installations 2010	kWh Savings 2008	kWh Savings 2009	kWh Savings 2010	kW Savings 2008	kW Savings 2009	kW Savings 2010
1261	Pumps - Replace 100+ HP motor	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1262	Pumps - ASD (100+ hp)	Industrial	$0.07	1,232,234	5,162,881	6,632,632	936,498	3,923,789	5,040,800	12	51	66
1263	Pumps - Motor practices-1 (100+ HP)	Industrial	$0.07	288,176	1,207,415	1,551,138	219,014	917,636	1,178,865	3	12	15
1264	Power recovery	Industrial		0	0	0	0	0	0	0	0	0
1265	Refinery Controls	Industrial		0	0	0	0	0	0	0	0	0
1266	Energy Star Transformers	Industrial		0	0	0	0	0	0	0	0	0
1267	Base Drives	Industrial		0	0	0	0	0	0	0	0	0
1268	Bakery - Process (Mixing) - O&M	Industrial	$0.07	139	583	749	106	443	569	0	0	0
1269	O&M/drives spinning machines	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1270	Air conveying systems	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1271	Replace V-Belts	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1272	Drives - EE motor	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1273	Gap Forming papermachine	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1274	High Consistency forming	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1275	Optimization control PM	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1276	Efficient practices printing press	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1277	Efficient Printing press (fewer cylinders)	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1278	Light cylinders	Industrial		0	0	0	0	0	0	0	0	0
1279	Efficient drives	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1280	Clean Room - Controls	Industrial	$0.07	7,338	30,744	39,497	5,577	23,366	30,017	0	0	0
1281	Clean Room - New Designs	Industrial		0	0	0	0	0	0	0	0	0
1282	Drives - Process Controls (batch + site)	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1283	Process Drives - ASD	Industrial	$0.07	17,731	74,290	95,439	13,476	56,461	72,534	0	1	1
1284	O&M - Extruders/Injection Moulding	Industrial	$0.07	135,864	569,251	731,304	103,257	432,631	555,791	1	6	7
1285	Extruders/injection Moulding-multipump	Industrial	$0.07	163,037	683,101	877,564	123,908	519,157	666,949	2	7	9
1286	Direct drive Extruders	Industrial		0	0	0	0	0	0	0	0	0
1287	Injection Moulding - Impulse Cooling	Industrial	$0.07	71,329	298,857	383,934	54,210	227,131	291,790	1	3	4
1288	Injection Moulding - Direct drive	Industrial	$0.07	67,932	284,626	365,652	51,628	216,315	277,895	1	3	4
1289	Efficient grinding	Industrial		0	0	0	0	0	0	0	0	0
1290	Process control	Industrial	$0.07	160	672	863	122	511	656	0	0	0
1291	Process optimization	Industrial	$0.07	100	420	539	76	319	410	0	0	0
1292	Drives - Process Control	Industrial	$0.07	74,104	310,485	398,873	56,319	235,969	303,144	1	3	4
1293	Efficient drives - rolling	Industrial	$0.07	80,817	338,612	435,007	61,421	257,345	330,605	1	3	4
1294	Drives - Optimization process (M&T)	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1295	Drives - Scheduling	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1296	Machinery	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1297	Efficient Machinery	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1298	Energy Star Transformers	Industrial		0	0	0	0	0	0	0	0	0
1299	Base Heating	Industrial		0	0	0	0	0	0	0	0	0
1300	Bakery - Process	Industrial	$0.07	5,983	25,066	32,202	4,547	19,050	24,474	0	0	0
1301	Drying (UV/IR)	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1302	Heat Pumps - Drying	Industrial		0	0	0	0	0	0	0	0	0
1303	Top-heating (glass)	Industrial	$0.07	3,094	12,964	16,654	2,351	9,852	12,657	0	0	0
1304	Efficient electric melting	Industrial	$0.07	59,050	247,412	317,844	44,878	188,033	241,562	1	2	3
1305	Intelligent extruder (DOE)	Industrial		0	0	0	0	0	0	0	0	0
1306	Near Net Shape Casting	Industrial	$0.07	16,423	68,810	88,399	12,482	52,296	67,183	0	1	1
1307	Heating - Process Control	Industrial	$0.07	65,611	274,902	353,160	49,865	208,926	268,402	1	3	3
1308	Efficient Curing ovens	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1309	Heating - Optimization process (M&T)	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1310	Heating - Scheduling	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1311	Energy Star Transformers	Industrial		0	0	0	0	0	0	0	0	0
1312	Base Refrigeration	Industrial		0	0	0	0	0	0	0	0	0
1313	Efficient Refrigeration - Operations	Industrial	$0.07	37,962	159,054	204,333	28,851	120,881	155,293	0	2	2
1314	Optimization Refrigeration	Industrial	$0.07	58,171	243,726	313,109	44,210	185,232	237,963	1	2	3
1315	Energy Star Transformers	Industrial		0	0	0	0	0	0	0	0	0
1316	Base Other Process	Industrial		0	0	0	0	0	0	0	0	0
1317	Other Process Controls (batch + site)	Industrial	$0.07	18,505	77,532	99,603	14,064	58,924	75,699	0	1	1
1318	Efficient desalter	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1319	New transformers welding	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1320	Efficient processes (welding, etc.)	Industrial	$0.07	2,993	12,541	16,112	2,275	9,531	12,245	0	0	0
1321	Process control	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1322	Power recovery	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1323	Refinery Controls	Industrial	$0.07	0	0	0	0	0	0	0	0	0
1324	Energy Star Transformers	Industrial		0	0	0	0	0	0	0	0	0
1325	Replace V-belts	Industrial	$0.07	2,842	11,909	15,299	2,160	9,050	11,627	0	0	0

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
1	Efficient Clothes Dryer	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-942				
2	Efficient Clothes Dryer	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-941				
3	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-943			Efficient Technology:	Energy Star Clothes Washer - 1.5 cf
4	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-943			Division:	Residential
5	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-943			Sub Division:	Various
6	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-943			Weather Sensitive?:	NWS
7	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-944			DEER Measure ID:	D03-943
8	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-944				D03-944
9	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-944				D03-945
10	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-944			Measure Name Source:	CEE Tier 1, 2, 3
11	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-945			Measure Savings Source:	DEER
12	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-945			Efficient Equipment Cost:	DEER
13	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-945			Total Sub Division Units:	Comed
14	Energy Star Clothes Washer - 1.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-945			Applicability Factors:	MEEA Illinois Residential Market Analysis
15	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-946			Efficient Technology:	Energy Star Clothes Washer - 2.65 cf
16	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-946			Division:	Residential
17	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-946			Sub Division:	Various
18	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-946			Weather Sensitive?:	NWS
19	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-947			DEER Measure ID:	D03-946
20	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-947				D03-947
21	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-947				D03-948
22	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-947			Measure Name Source:	CEE Tier 1, 2, 3
23	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-948			Measure Savings Source:	DEER
24	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-948			Efficient Equipment Cost:	DEER
25	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-948			Total Sub Division Units:	Comed
26	Energy Star Clothes Washer - 2.65 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-948			Applicability Factors:	MEEA Illinois Residential Market Analysis
27	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-949			Efficient Technology:	Energy Star Clothes Washer - 3.5 cf
28	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-949			Division:	Residential
29	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-949			Sub Division:	Various
30	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-949			Weather Sensitive?:	NWS
31	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-950			DEER Measure ID:	D03-949
32	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-950				D03-950
33	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-950				D03-951
34	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-950			Measure Name Source:	CEE Tier 1, 2, 3
35	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-951			Measure Savings Source:	DEER
36	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-951			Efficient Equipment Cost:	DEER
37	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-951			Total Sub Division Units:	Comed
38	Energy Star Clothes Washer - 3.5 cf	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-951			Applicability Factors:	MEEA Illinois Residential Market Analysis
39	25W CFL Table Lamp	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-839				
40	30W CFL Table Lamp	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-840				
41	55W CFL Table Lamp	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-841				
42	70W CFL Torchiere (two LAMPs)	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-843				
43	20W CFL Table Lamp	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-838				
44	55W CFL Torchiere	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-842				
45	30 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-816				
46	36 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-817				
47	40 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-818				
48	28 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-815				
49	14 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-821				
50	25 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-811				
51	25 Watt Integral CFL	All Residential	DEER	MEEA	DEER	DEER	MEEA	D03-812				
52	26 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-813				
53	26 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-814				
54	15 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-822				
55	13 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-819				
56	13 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-820				
57	16 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-823				
58	16 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-805				
59	20 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-827				
60	55 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-836				
61	18 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-824				
62	65 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-837				
63	23 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-828				
64	26 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-831				
65	40 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-835				
66	28 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-833				

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
67	25 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-830				
68	26 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-832				
69	15 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-804				
70	14 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-803				
71	25 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-829				
72	19 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-826				
73	18 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-825				
74	20 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-809				
75	18 Watt Integral CFL	All Residential	DEER	MEEA	DEER	DEER	MEEA	D03-807				
76	23 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-810				
77	30 Watt Modular CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-834				
78	19 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-808				
79	18 Watt Integral CFL	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-806				
80	13 Watt Integral CFL	All Residential	DEER	MEEA	DEER	DEER	MEEA	D03-801				
81	13 Watt Integral CFL	All Residential	DEER	MEEA	DEER	DEER	MEEA	D03-802				
82	Efficient Two Speed Pool Pump	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-967				
83	Efficient Single Speed Pool Pump	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-966				
84	Refrigerator: Side Mount Freezer	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-960			Efficient Technology:	Efficient Refrigerator
85	Refrigerator: Side Mount Freezer	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-962			Division:	Residential
86	Refrigerator: Side Mount Freezer	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-961			Weather Sensitive?:	NWS
87	Refrigerator: Side Mount Freezer	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-959			DEER Measure ID:	D03-954 - D03-962
88	Refrigerator: Bottom Mount Freezer	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-954			Measure Savings Source:	DEER
89	Refrigerator: Top Mount Freezer	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-957			Efficient Equipment Cost:	DEER
90	Refrigerator: Bottom Mount Freezer	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-955			Total Sub Division Units:	Comed
91	Refrigerator: Top Mount Freezer	All Residential	DEER	DEER	DEER	DEER	MEEA	D03-956			Applicability Factors:	MEEA Illinois Residential Market Analysis
92	Refrigerator Recycling	Single Family, Detached	DEER	E-Source	DEER	JACO	MEEA	D03-964				
93	Freezer Recycling	Single Family, Detached	DEER	E-Source	DEER	JACO	MEEA	D03-965				
94	Window AC - efficient	Single Family, Detached	DEER	DEER	DOE-2	ICF	MEEA					
95	Energy Star Dish Washer	Single Family, Detached	ICF	EPA	DEER	DEER	MEEA	D03-952				
96	Energy Star Dish Washer	Single Family, Attached	ICF	EPA	DEER	DEER	MEEA	D03-952				
97	Energy Star Dish Washer	Multi-family	ICF	EPA	DEER	DEER	MEEA	D03-953				
98	13 SEER (11.09 EER) Split System Air Conditioner	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-402			Efficient Technology:	13 SEER (11.09 EER) Split System Air Conditi
99	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-403				to 18 SEER (13.37 EER) Split-System Air Con
100	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-404			Division:	Residential
101	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-463			Sub Division:	Various
102	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-464			Weather Sensitive?:	WS
103	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-465			DEER Measure ID:	D03-402, D03-403, D03-404
104	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-403				D03-463, D03-464, D03-465
105	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-404			Measure Savings Source:	ICF DOE-2 model
106	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-463			Efficient Equipment Cost:	Comed
107	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-464			Total Sub Division Units:	Comed
108	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-465			Applicability Factors:	MEEA Illinois Residential Market Analysis
109	Condensing 96 AFUE (1.03 HIR) Furnace	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-413			Efficient Technology:	Various Single Family, Detached Weather Sen
111	Infiltration of 0.5 Air Changes per Hour	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-439			Sub Division:	Single Family, Detached
112	Programmable Thermostat	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-401			Weather Sensitive?:	WS
113	Whole House Fans	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-441			DEER Measure ID:	D03-413, D03-439, D03-401, D03-441, D03-43
114	Wall R-5 Shealthing Vinyl Replacement	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-435				D03-421, D03-451, D03-939, D03-936, D03-93
115	Ceiling Vintage to R-30 Insulation-Blown In	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-420			Measure Savings Source:	DEER
116	Ceiling Vintage to R-38 Insulation-Batts	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-421			Efficient Equipment Cost:	DEER
117	Bsmt Wall R-0 to R-13 Insulation Batts	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA				Total Sub Division Units:	ComEd
118	Bsmt Wall R-0 to R-19 Insulation Batts	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA				Applicability Factors:	MEEA Illinois Residential Market Analysis
121	U-0.35 / SHGC-0.40 (tint) Window	Single Family, Detached	ICF	DEER	DOE-2	DEER	MEEA	D03-451				
122	Home Performance with Energy Star	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA					
123	ENERGY STAR Home	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA					
124	Window AC - efficient	Single Family, Detached	DEER	ICF	DOE-2	DEER	MEEA					
125	0.93 EF	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-939				
126	DHW wrap R-4	Single Family, Detached	RLW	ICF	DEER	DEER	MEEA		31			
127	Hot Water Pipe Insulation	Single Family, Detached	DEER	DEER	DEER	DEER	MEEA	D03-936				
128	Low Flow Shower Heads	Single Family, Detached	DEER	DEER	DEER	DEER	MEEA	D03-937				
129	13 SEER (11.09 EER) Split System Air Conditioner	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-402			Efficient Technology:	13 SEER (11.09 EER) Split System Air Conditi
130	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-403				to 18 SEER (13.37 EER) Split-System Air Con
131	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-404			Division:	Residential
132	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-463			Sub Division:	Various
133	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-464			Weather Sensitive?:	WS
134	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-465			DEER Measure ID:	D03-402, D03-403, D03-404
135	14 SEER (11.99 EER) Split-System Air Conditioner	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-403				D03-463, D03-464, D03-465

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
136	15 SEER (12.72 EER) Split-System Air Conditioner	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-404			Measure Savings Source:	ICF DOE-2 model
137	16 SEER (11.61 EER) Split System Air Conditioner	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-463			Efficient Equipment Cost:	Comed
138	17 SEER (12.28 EER) Split-System Air Conditioner	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-464			Total Sub Division Units:	Comed
139	18 SEER (13.37 EER) Split-System Air Conditioner	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-465			Applicability Factors:	MEEA Illinois Residential Market Analysis
140	Condensing 96 AFUE (1.03 HIR) Furnace	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-413			Efficient Technology:	Various Single Family, Attached Weather Sens
142	Infiltration of 0.5 Air Changes per Hour	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-439			Sub Division:	Single Family, Attached
143	Programmable Thermostat	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-401			Weather Sensitive?:	WS
145	Wall R-5 Shealthing Vinyl Replacement	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-435				D03-421, D03-451, D03-939, D03-936, D03-93
146	Ceiling Vintage to R-30 Insulation-Blown In	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-420			Measure Savings Source:	DEER
147	Ceiling Vintage to R-38 Insulation-Batts	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-421			Efficient Equipment Cost:	DEER
152	U-0.35 / SHGC-0.40 (tint) Window	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-451				
153	Home Performance with Energy Star	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA					
154	ENERGY STAR Home	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA					
155	Window AC - efficient	Single Family, Attached	DEER	ICF	DOE-2	DEER	MEEA					
156	0.93 EF	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-939				
157	DHW wrap R-4	Single Family, Attached	RLW	ICF	DEER	DEER	MEEA		31			
158	Hot Water Pipe Insulation	Single Family, Attached	DEER	DEER	DEER	DEER	MEEA	D03-936				
159	Low Flow Shower Heads	Single Family, Attached	DEER	DEER	DEER	DEER	MEEA	D03-937				
160	13 SEER (11.09 EER) Split System Air Conditioner	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-402			Efficient Technology:	13 SEER (11.09 EER) Split System Air Conditi
161	14 SEER (11.99 EER) Split-System Air Conditioner	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-403				to 18 SEER (13.37 EER) Split-System Air Con
162	15 SEER (12.72 EER) Split-System Air Conditioner	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-404			Division:	Residential
163	16 SEER (11.61 EER) Split System Air Conditioner	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-463			Sub Division:	Various
164	17 SEER (12.28 EER) Split-System Air Conditioner	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-464			Weather Sensitive?:	WS
165	18 SEER (13.37 EER) Split-System Air Conditioner	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-465			DEER Measure ID:	D03-402, D03-403, D03-404
166	14 SEER (11.99 EER) Split-System Air Conditioner	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-403				D03-463, D03-464, D03-465
167	15 SEER (12.72 EER) Split-System Air Conditioner	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-404			Measure Savings Source:	ICF DOE-2 model
168	16 SEER (11.61 EER) Split System Air Conditioner	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-463			Efficient Equipment Cost:	Comed
169	17 SEER (12.28 EER) Split-System Air Conditioner	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-464			Total Sub Division Units:	Comed
170	18 SEER (13.37 EER) Split-System Air Conditioner	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-465			Applicability Factors:	MEEA Illinois Residential Market Analysis
171	Condensing 96 AFUE (1.03 HIR) Furnace	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-413			Efficient Technology:	Various Multi-family Weather Sensitive Measu
173	Infiltration of 0.5 Air Changes per Hour	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-439			Sub Division:	Multi-family
174	Programmable Thermostat	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-401			Weather Sensitive?:	WS
175	Wall R-5 Shealthing Vinyl Replacement	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-435			DEER Measure ID:	D03-413, D03-439, D03-401, D03-435, D03-45
176	U-0.35 / SHGC-0.40 (tint) Window	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-451				D03-939, D03-934, D03-937
177	Home Performance with Energy Star	Multi-family	DEER	DEER	DOE-2	DEER	MEEA				Measure Savings Source:	DEER
178	ENERGY STAR Home	Multi-family	DEER	DEER	DOE-2	DEER	MEEA				Efficient Equipment Cost:	DEER
179	Window AC - efficient	Multi-family	DEER	ICF	DOE-2	DEER	MEEA				Total Sub Division Units:	ComEd
180	0.93 EF	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-939			Applicability Factors:	MEEA Illinois Residential Market Analysis
181	DHW wrap R-4	Multi-family	RLW	ICF	DEER	DEER	MEEA		31			
183	Faucet aerators	Multi-family	DEER	DEER	DEER	DEER	MEEA	D03-934				
184	Low Flow Shower Heads	Multi-family	DEER	DEER	DEER	DEER	MEEA	D03-937				
185	18 Watt Integral CFL	Multi-family	DEER	DEER	DEER	DEER	MEEA	D03-807				
186	2 4' T8 32 watt lamps with EB	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
187	2 4' Super T8 28 watt lamps with EB	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA	D03-852				2 8' T8 59 watt lamps with EB
188	1 4' T8 32 watt lamps with EB and reflector	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA	D03-853			Division:	Residential
189	2 4' T8 32 watt lamps with EB with dimming system	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA	D03-853			Sub Division:	Multi-family
190	2 4' T8 32 watt lamps with EB with occupancy sensors	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA	D03-853			Weather Sensitive?:	NWS
191	2 4' Super T8 28 watt lamps with EB	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA	D03-852			DEER Measure ID:	D03-852 & D03-853
192	2 8' T8 59 watt lamps with EB	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA				Operating Hours:	4000 hours (ICF Assumption based on DEER
193	2 8' Super T8 59 watt lamps with EB	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA				Interactive Effects:	Energy: 1.14; Demand: 1.14 (DEER - Lodging
194	1 8' T8 59 watt lamps with EB and reflector	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA				Measure Savings Source:	EEPM/DEER
195	2 8' T8 59 watt lamps with EB with dimming system	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA				Efficient Equipment Cost:	EEPM
196	2 8' T8 59 watt lamps with EB with occupancy sensors	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA				Total Sub Division Units:	ComEd / American Housing Survey
197	2 8' Super T8 59 watt lamps with EB	Multi-family	EEPM	EEPM	EEPM/DEER	DEER	MEEA				Applicability Factors:	MEEA Illinois Residential Market Analysis
198	Electroluminescent Exit Sign (New)	Multi-family	DEER	DEER	DEER	DEER	MEEA	D03-862				
199	Electroluminescent Exit Sign Retrofit Kit	Multi-family	DEER	DEER	DEER	DEER	MEEA	D03-863				
200	LED Exit Sign (New)	Multi-family	DEER	DEER	DEER	DEER	MEEA	D03-860				
201	LED Exit Sign Retrofit Kit	Multi-family	DEER	DEER	DEER	DEER	MEEA	D03-861				
202	Occ-Sensor - Plug loads	Multi-family	DEER	DEER	DEER	DEER	MEEA	D03-857				
203	Occ-Sensor - Wall box	Multi-family	DEER	DEER	DEER	DEER	MEEA	D03-856				
204	50W Metal Halide	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-844			Efficient Technology:	50W Metal Halide
205	75W Metal Halide	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-845			Division:	Non-Residential
206	100W Metal Halide	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-846			Sub Division:	All
207	13 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-801			Weather Sensitive?:	NWS
208	13 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-802			DEER Measure ID:	D03-844

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
209	13 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-819			Operating Hours:	See Lighting Assumptions
210	13 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-820			Measure Savings Source:	DEER
211	14 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-803			Efficient Equipment Cost:	DEER
212	14 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-821			Total Sub Division Units:	EIA CBECS - ENC Division
213	15 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-804			Applicability Factors:	KEMA CO DSM Market Ptl Assess
214	15 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-822				
215	16 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-805			Efficient Technology:	75W Metal Halide
216	16 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-823			Division:	Non-Residential
217	18 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-806			Sub Division:	All
218	18 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-807			Weather Sensitive?:	NWS
219	18 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-824			DEER Measure ID:	D03-845
220	18 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-825			Operating Hours:	See Lighting Assumptions
221	19 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-808			Measure Savings Source:	DEER
222	19 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-826			Efficient Equipment Cost:	DEER
223	20 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-809			Total Sub Division Units:	EIA CBECS - ENC Division
224	20 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-827			Applicability Factors:	KEMA CO DSM Market Ptl Assess
225	23 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-810				
226	23 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-828			Efficient Technology:	100W Metal Halide
227	25 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-811			Division:	Non-Residential
228	25 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-812			Sub Division:	All
229	25 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-829			Weather Sensitive?:	NWS
230	25 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-830			DEER Measure ID:	D03-846
231	26 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-813			Operating Hours:	See Lighting Assumptions
232	26 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-814			Measure Savings Source:	DEER
233	26 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-831			Efficient Equipment Cost:	DEER
234	26 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-832			Total Sub Division Units:	EIA CBECS - ENC Division
235	28 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-815			Applicability Factors:	KEMA CO DSM Market Ptl Assess
236	28 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-833				
237	30 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-816				
238	30 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-834				
239	36 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-817				
240	40 Watt Integral CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-818				
241	40 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-835				
242	55 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-836				
243	65 Watt Modular CFL	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-837				
244	De-lamp from 8', 4 lamp/fixture	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-855				
245	De-lamp from 4', 4 lamp/fixture	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-854				
246	T8 32W Dimming El Ballast	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-853				
247	Premium T8 El Ballast	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-852				
248	2 4' T8 32 watt lamps with EB	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
249	2 4' Super T8 28 watt lamps with EB	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852				2 8' T8 59 watt lamps with EB
250	1 4' T8 32 watt lamps with EB and reflector	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Division:	Non-Residential
251	2 4' T8 32 watt lamps with EB with dimming system	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Sub Division:	Office - Large
252	2 4' T8 32 watt lamps with EB with occupancy sensors	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Weather Sensitive?:	NWS
253	2 4' Super T8 28 watt lamps with EB	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852			DEER Measure ID:	D03-852 & D03-853
254	2 8' T8 59 watt lamps with EB	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Operating Hours:	#REF!
255	2 8' Super T8 59 watt lamps with EB	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Interactive Effects:	#REF!
256	1 8' T8 59 watt lamps with EB and reflector	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Measure Savings Source:	EEPM/DEER
257	2 8' T8 59 watt lamps with EB with dimming system	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Efficient Equipment Cost:	EEPM
258	2 8' T8 59 watt lamps with EB with occupancy sensors	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Total Sub Division Units:	EIA CBECS - ENC Division
259	2 8' Super T8 59 watt lamps with EB	Office - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Applicability Factors:	KEMA CO DSM Market Ptl Assess
260	50W Metal Halide	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-844			Efficient Technology:	De-lamp from 8', 4 lamp/fixture
261	75W Metal Halide	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-845			Division:	Non-Residential
262	100W Metal Halide	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-846			Sub Division:	All
263	13 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-801			Weather Sensitive?:	NWS
264	13 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-802			DEER Measure ID:	D03-855
265	13 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-819			Operating Hours:	See Lighting Assumptions
266	13 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-820			Measure Savings Source:	DEER
267	14 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-803			Efficient Equipment Cost:	DEER
268	14 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-821			Total Sub Division Units:	EIA CBECS - ENC Division
269	15 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-804			Applicability Factors:	KEMA CO DSM Market Ptl Assess
270	15 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-822				
271	16 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-805			Efficient Technology:	De-lamp from 4', 4 lamp/fixture
272	16 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-823			Division:	Non-Residential
273	18 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-806			Sub Division:	All

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
274	18 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-807			Weather Sensitive?:	NWS
275	18 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-824			DEER Measure ID:	D03-854
276	18 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-825			Operating Hours:	See Lighting Assumptions
277	19 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-808			Measure Savings Source:	DEER
278	19 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-826			Efficient Equipment Cost:	DEER
279	20 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-809			Total Sub Division Units:	EIA CBECS - ENC Division
280	20 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-827			Applicability Factors:	KEMA CO DSM Market Ptl Assess
281	23 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-810				
282	23 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-828				
283	25 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-811				
284	25 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-812				
285	25 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-829				
286	25 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-830				
287	26 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-813				
288	26 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-814				
289	26 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-831				
290	26 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-832				
291	28 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-815				
292	28 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-833				
293	30 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-816				
294	30 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-834				
295	36 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-817				
296	40 Watt Integral CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-818				
297	40 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-835				
298	55 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-836				
299	65 Watt Modular CFL	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-837				
300	De-lamp from 8', 4 lamp/fixture	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-855				
301	De-lamp from 4', 4 lamp/fixture	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-854				
302	T8 32W Dimming El Ballast	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-853				
303	Premium T8 El Ballast	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-852				
304	2 4' T8 32 watt lamps with EB	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
305	2 4' Super T8 28 watt lamps with EB	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852				2 8' T8 59 watt lamps with EB
306	1 4' T8 32 watt lamps with EB and reflector	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Division:	Non-Residential
307	2 4' T8 32 watt lamps with EB with dimming system	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Sub Division:	Retail - Large
308	2 4' T8 32 watt lamps with EB with occupancy sensors	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Weather Sensitive?:	NWS
309	2 4' Super T8 28 watt lamps with EB	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852			DEER Measure ID:	D03-852 & D03-853
310	2 8' T8 59 watt lamps with EB	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Operating Hours:	#REF!
311	2 8' Super T8 59 watt lamps with EB	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Interactive Effects:	#REF!
312	1 8' T8 59 watt lamps with EB and reflector	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Measure Savings Source:	EEPM/DEER
313	2 8' T8 59 watt lamps with EB with dimming system	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Efficient Equipment Cost:	EEPM
314	2 8' T8 59 watt lamps with EB with occupancy sensors	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Total Sub Division Units:	EIA CBECS - ENC Division
315	2 8' Super T8 59 watt lamps with EB	Retail - Large	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Applicability Factors:	KEMA CO DSM Market Ptl Assess
316	50W Metal Halide	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-844				
317	75W Metal Halide	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-845				
318	100W Metal Halide	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-846				
319	13 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-801			Efficient Technology:	13 Watt Integral CFL
320	13 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-802			Division:	Residential, Non-Residential
321	13 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-819			Sub Division:	All
322	13 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-820			Weather Sensitive?:	NWS
323	14 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-803			DEER Measure ID:	D03-801
324	14 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-821			Operating Hours:	See Lighting Assumptions
325	15 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-804			Measure Savings Source:	DEER
326	15 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-822			Efficient Equipment Cost:	ICF Measure Database
327	16 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-805			Total Sub Division Units:	EIA CBECS - ENC Division
328	16 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-823			Applicability Factors:	KEMA CO DSM Market Ptl Assess
329	18 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-806				
330	18 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-807				
331	18 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-824			Efficient Technology:	13 Watt Integral CFL
332	18 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-825			Division:	Residential, Non-Residential
333	19 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-808			Sub Division:	All
334	19 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-826			Weather Sensitive?:	NWS
335	20 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-809			DEER Measure ID:	D03-802
336	20 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-827			Operating Hours:	See Lighting Assumptions
337	23 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-810			Measure Savings Source:	DEER
338	23 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-828			Efficient Equipment Cost:	ICF Measure Database

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
339	25 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-811			Total Sub Division Units:	EIA CBECS - ENC Division
340	25 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-812			Applicability Factors:	KEMA CO DSM Market Ptl Assess
341	25 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-829				
342	25 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-830				
343	26 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-813			Efficient Technology:	14 Watt Integral CFL
344	26 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-814			Division:	Residential, Non-Residential
345	26 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-831			Sub Division:	All
346	26 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-832			Weather Sensitive?:	NWS
347	28 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-815			DEER Measure ID:	D03-803
348	28 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-833			Operating Hours:	See Lighting Assumptions
349	30 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-816			Measure Savings Source:	DEER
350	30 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-834			Efficient Equipment Cost:	ICF Measure Database
351	36 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-817			Total Sub Division Units:	EIA CBECS - ENC Division
352	40 Watt Integral CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-818			Applicability Factors:	KEMA CO DSM Market Ptl Assess
353	40 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-835				
354	55 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-836				
355	65 Watt Modular CFL	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-837				
356	De-lamp from 8', 4 lamp/fixture	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-855				
357	De-lamp from 4', 4 lamp/fixture	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-854				
358	T8 32W Dimming El Ballast	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-853				
359	Premium T8 El Ballast	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-852				
360	2 4' T8 32 watt lamps with EB	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
361	2 4' Super T8 28 watt lamps with EB	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852				2 8' T8 59 watt lamps with EB
362	1 4' T8 32 watt lamps with EB and reflector	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Division:	Non-Residential
363	2 4' T8 32 watt lamps with EB with dimming system	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Sub Division:	Retail - Small
364	2 4' T8 32 watt lamps with EB with occupancy sensors	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Weather Sensitive?:	NWS
365	2 4' Super T8 28 watt lamps with EB	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852			DEER Measure ID:	D03-852 & D03-853
366	2 8' T8 59 watt lamps with EB	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Operating Hours:	#REF!
367	2 8' Super T8 59 watt lamps with EB	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Interactive Effects:	#REF!
368	1 8' T8 59 watt lamps with EB and reflector	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Measure Savings Source:	EEPM/DEER
369	2 8' T8 59 watt lamps with EB with dimming system	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Efficient Equipment Cost:	EEPM
370	2 8' T8 59 watt lamps with EB with occupancy sensors	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Total Sub Division Units:	EIA CBECS - ENC Division
371	2 8' Super T8 59 watt lamps with EB	Retail - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Applicability Factors:	KEMA CO DSM Market Ptl Assess
372	50W Metal Halide	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-844				
373	75W Metal Halide	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-845				
374	100W Metal Halide	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-846				
375	13 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-801			Efficient Technology:	13 Watt Integral CFL
376	13 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-802			Division:	Residential, Non-Residential
377	13 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-819			Sub Division:	All
378	13 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-820			Weather Sensitive?:	NWS
379	14 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-803			DEER Measure ID:	D03-801
380	14 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-821			Operating Hours:	See Lighting Assumptions
381	15 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-804			Measure Savings Source:	DEER
382	15 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-822			Efficient Equipment Cost:	ICF Measure Database
383	16 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-805			Total Sub Division Units:	EIA CBECS - ENC Division
384	16 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-823			Applicability Factors:	KEMA CO DSM Market Ptl Assess
385	18 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-806				
386	18 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-807				
387	18 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-824			Efficient Technology:	13 Watt Integral CFL
388	18 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-825			Division:	Residential, Non-Residential
389	19 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-808			Sub Division:	All
390	19 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-826			Weather Sensitive?:	NWS
391	20 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-809			DEER Measure ID:	D03-802
392	20 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-827			Operating Hours:	See Lighting Assumptions
393	23 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-810			Measure Savings Source:	DEER
394	23 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-828			Efficient Equipment Cost:	ICF Measure Database
395	25 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-811			Total Sub Division Units:	EIA CBECS - ENC Division
396	25 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-812			Applicability Factors:	KEMA CO DSM Market Ptl Assess
397	25 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-829				
398	25 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-830				
399	26 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-813			Efficient Technology:	14 Watt Integral CFL
400	26 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-814			Division:	Residential, Non-Residential
401	26 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-831			Sub Division:	All
402	26 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-832			Weather Sensitive?:	NWS
403	28 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-815			DEER Measure ID:	D03-803

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
404	28 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-833			Operating Hours:	See Lighting Assumptions
405	30 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-816			Measure Savings Source:	DEER
406	30 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-834			Efficient Equipment Cost:	ICF Measure Database
407	36 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-817			Total Sub Division Units:	EIA CBECS - ENC Division
408	40 Watt Integral CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-818			Applicability Factors:	KEMA CO DSM Market Ptl Assess
409	40 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-835				
410	55 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-836				
411	65 Watt Modular CFL	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-837				
412	De-lamp from 8', 4 lamp/fixture	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-855				
413	De-lamp from 4', 4 lamp/fixture	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-854				
414	T8 32W Dimming El Ballast	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-853				
415	Premium T8 El Ballast	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-852				
416	2 4' T8 32 watt lamps with EB	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
417	2 4' Super T8 28 watt lamps with EB	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852				2 8' T8 59 watt lamps with EB
418	1 4' T8 32 watt lamps with EB and reflector	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Division:	Non-Residential
419	2 4' T8 32 watt lamps with EB with dimming system	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Sub Division:	Education
420	2 4' T8 32 watt lamps with EB with occupancy sensors	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Weather Sensitive?:	NWS
421	2 4' Super T8 28 watt lamps with EB	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852			DEER Measure ID:	D03-852 & D03-853
422	2 8' T8 59 watt lamps with EB	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Operating Hours:	#REF!
423	2 8' Super T8 59 watt lamps with EB	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Interactive Effects:	#REF!
424	1 8' T8 59 watt lamps with EB and reflector	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Measure Savings Source:	EEPM/DEER
425	2 8' T8 59 watt lamps with EB with dimming system	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Efficient Equipment Cost:	EEPM
426	2 8' T8 59 watt lamps with EB with occupancy sensors	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Total Sub Division Units:	EIA CBECS - ENC Division
427	2 8' Super T8 59 watt lamps with EB	Education	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Applicability Factors:	KEMA CO DSM Market Ptl Assess
428	50W Metal Halide	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-844				
429	75W Metal Halide	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-845				
430	100W Metal Halide	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-846				
431	13 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-801			Efficient Technology:	15 Watt Integral CFL
432	13 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-802			Division:	Residential, Non-Residential
433	13 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-819			Sub Division:	All
434	13 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-820			Weather Sensitive?:	NWS
435	14 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-803			DEER Measure ID:	D03-804
436	14 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-821			Operating Hours:	See Lighting Assumptions
437	15 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-804			Measure Savings Source:	DEER
438	15 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-822			Efficient Equipment Cost:	ICF Measure Database
439	16 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-805			Total Sub Division Units:	EIA CBECS - ENC Division
440	16 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-823			Applicability Factors:	KEMA CO DSM Market Ptl Assess
441	18 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-806				
442	18 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-807				
443	18 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-824			Efficient Technology:	16 Watt Integral CFL
444	18 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-825			Division:	Residential, Non-Residential
445	19 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-808			Sub Division:	All
446	19 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-826			Weather Sensitive?:	NWS
447	20 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-809			DEER Measure ID:	D03-805
448	20 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-827			Operating Hours:	See Lighting Assumptions
449	23 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-810			Measure Savings Source:	DEER
450	23 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-828			Efficient Equipment Cost:	ICF Measure Database
451	25 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-811			Total Sub Division Units:	EIA CBECS - ENC Division
452	25 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-812			Applicability Factors:	KEMA CO DSM Market Ptl Assess
453	25 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-829				
454	25 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-830				
455	26 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-813			Efficient Technology:	18 Watt Integral CFL
456	26 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-814			Division:	Residential, Non-Residential
457	26 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-831			Sub Division:	All
458	26 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-832			Weather Sensitive?:	NWS
459	28 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-815			DEER Measure ID:	D03-806
460	28 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-833			Operating Hours:	See Lighting Assumptions
461	30 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-816			Measure Savings Source:	DEER
462	30 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-834			Efficient Equipment Cost:	ICF Measure Database
463	36 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-817			Total Sub Division Units:	EIA CBECS - ENC Division
464	40 Watt Integral CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-818			Applicability Factors:	KEMA CO DSM Market Ptl Assess
465	40 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-835				
466	55 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-836				
467	65 Watt Modular CFL	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-837				
468	De-lamp from 8', 4 lamp/fixture	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-855				

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
469	De-lamp from 4', 4 lamp/fixture	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-854				
470	T8 32W Dimming El Ballast	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-853				
471	Premium T8 El Ballast	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-852				
472	2 4' T8 32 watt lamps with EB	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
473	2 4' Super T8 28 watt lamps with EB	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852				2 8' T8 59 watt lamps with EB
474	1 4' T8 32 watt lamps with EB and reflector	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Division:	Non-Residential
475	2 4' T8 32 watt lamps with EB with dimming system	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Sub Division:	Assembly
476	2 4' T8 32 watt lamps with EB with occupancy sensors	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Weather Sensitive?:	NWS
477	2 4' Super T8 28 watt lamps with EB	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852			DEER Measure ID:	D03-852 & D03-853
478	2 8' T8 59 watt lamps with EB	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Operating Hours:	#REF!
479	2 8' Super T8 59 watt lamps with EB	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Interactive Effects:	#REF!
480	1 8' T8 59 watt lamps with EB and reflector	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Measure Savings Source:	EEPM/DEER
481	2 8' T8 59 watt lamps with EB with dimming system	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Efficient Equipment Cost:	EEPM
482	2 8' T8 59 watt lamps with EB with occupancy sensors	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Total Sub Division Units:	EIA CBECS - ENC Division
483	2 8' Super T8 59 watt lamps with EB	Assembly	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Applicability Factors:	KEMA CO DSM Market Ptl Assess
484	50W Metal Halide	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-844				
485	75W Metal Halide	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-845				
486	100W Metal Halide	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-846				
487	13 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-801			Efficient Technology:	18 Watt Integral CFL
488	13 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-802			Division:	Residential, Non-Residential
489	13 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-819			Sub Division:	All
490	13 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-820			Weather Sensitive?:	NWS
491	14 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-803			DEER Measure ID:	D03-807
492	14 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-821			Operating Hours:	See Lighting Assumptions
493	15 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-804			Measure Savings Source:	DEER
494	15 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-822			Efficient Equipment Cost:	ICF Measure Database
495	16 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-805			Total Sub Division Units:	EIA CBECS - ENC Division
496	16 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-823			Applicability Factors:	KEMA CO DSM Market Ptl Assess
497	18 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-806				
498	18 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-807				
499	18 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-824			Efficient Technology:	19 Watt Integral CFL
500	18 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-825			Division:	Residential, Non-Residential
501	19 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-808			Sub Division:	All
502	19 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-826			Weather Sensitive?:	NWS
503	20 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-809			DEER Measure ID:	D03-808
504	20 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-827			Operating Hours:	See Lighting Assumptions
505	23 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-810			Measure Savings Source:	DEER
506	23 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-828			Efficient Equipment Cost:	ICF Measure Database
507	25 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-811			Total Sub Division Units:	EIA CBECS - ENC Division
508	25 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-812			Applicability Factors:	KEMA CO DSM Market Ptl Assess
509	25 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-829				
510	25 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-830				
511	26 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-813			Efficient Technology:	20 Watt Integral CFL
512	26 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-814			Division:	Residential, Non-Residential
513	26 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-831			Sub Division:	All
514	26 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-832			Weather Sensitive?:	NWS
515	28 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-815			DEER Measure ID:	D03-809
516	28 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-833			Operating Hours:	See Lighting Assumptions
517	30 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-816			Measure Savings Source:	DEER
518	30 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-834			Efficient Equipment Cost:	ICF Measure Database
519	36 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-817			Total Sub Division Units:	EIA CBECS - ENC Division
520	40 Watt Integral CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-818			Applicability Factors:	KEMA CO DSM Market Ptl Assess
521	40 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-835				
522	55 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-836				
523	65 Watt Modular CFL	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-837				
524	De-lamp from 8', 4 lamp/fixture	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-855				
525	De-lamp from 4', 4 lamp/fixture	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-854				
526	T8 32W Dimming El Ballast	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-853				
527	Premium T8 El Ballast	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-852				
528	2 4' T8 32 watt lamps with EB	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
529	2 4' Super T8 28 watt lamps with EB	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852				2 8' T8 59 watt lamps with EB
530	1 4' T8 32 watt lamps with EB and reflector	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Division:	Non-Residential
531	2 4' T8 32 watt lamps with EB with dimming system	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Sub Division:	Warehouse and Storage
532	2 4' T8 32 watt lamps with EB with occupancy sensors	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Weather Sensitive?:	NWS
533	2 4' Super T8 28 watt lamps with EB	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852			DEER Measure ID:	D03-852 & D03-853
534	2 8' T8 59 watt lamps with EB	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Operating Hours:	#REF!

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
535	2 8' Super T8 59 watt lamps with EB	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Interactive Effects:	#REF!
536	1 8' T8 59 watt lamps with EB and reflector	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Measure Savings Source:	EEPM/DEER
537	2 8' T8 59 watt lamps with EB with dimming system	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Efficient Equipment Cost:	EEPM
538	2 8' T8 59 watt lamps with EB with occupancy sensors	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Total Sub Division Units:	EIA CBECS - ENC Division
539	2 8' Super T8 59 watt lamps with EB	Warehouse and Storage	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Applicability Factors:	KEMA CO DSM Market Ptl Assess
540	50W Metal Halide	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-844				
541	75W Metal Halide	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-845				
542	100W Metal Halide	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-846				
543	13 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-801			Efficient Technology:	23 Watt Integral CFL
544	13 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-802			Division:	Residential, Non-Residential
545	13 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-819			Sub Division:	All
546	13 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-820			Weather Sensitive?:	NWS
547	14 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-803			DEER Measure ID:	D03-810
548	14 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-821			Operating Hours:	See Lighting Assumptions
549	15 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-804			Measure Savings Source:	DEER
550	15 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-822			Efficient Equipment Cost:	ICF Measure Database
551	16 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-805			Total Sub Division Units:	EIA CBECS - ENC Division
552	16 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-823			Applicability Factors:	KEMA CO DSM Market Ptl Assess
553	18 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-806				
554	18 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-807				
555	18 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-824			Efficient Technology:	25 Watt Integral CFL
556	18 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-825			Division:	Residential, Non-Residential
557	19 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-808			Sub Division:	All
558	19 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-826			Weather Sensitive?:	NWS
559	20 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-809			DEER Measure ID:	D03-811
560	20 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-827			Operating Hours:	See Lighting Assumptions
561	23 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-810			Measure Savings Source:	DEER
562	23 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-828			Efficient Equipment Cost:	ICF Measure Database
563	25 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-811			Total Sub Division Units:	EIA CBECS - ENC Division
564	25 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-812			Applicability Factors:	KEMA CO DSM Market Ptl Assess
565	25 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-829				
566	25 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-830				
567	26 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-813			Efficient Technology:	25 Watt Integral CFL
568	26 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-814			Division:	Residential, Non-Residential
569	26 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-831			Sub Division:	All
570	26 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-832			Weather Sensitive?:	NWS
571	28 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-815			DEER Measure ID:	D03-812
572	28 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-833			Operating Hours:	See Lighting Assumptions
573	30 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-816			Measure Savings Source:	DEER
574	30 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-834			Efficient Equipment Cost:	ICF Measure Database
575	36 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-817			Total Sub Division Units:	EIA CBECS - ENC Division
576	40 Watt Integral CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-818			Applicability Factors:	KEMA CO DSM Market Ptl Assess
577	40 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-835				
578	55 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-836				
579	65 Watt Modular CFL	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-837				
580	De-lamp from 8', 4 lamp/fixture	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-855				
581	De-lamp from 4', 4 lamp/fixture	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-854				
582	T8 32W Dimming El Ballast	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-853				
583	Premium T8 El Ballast	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-852				
584	2 4' T8 32 watt lamps with EB	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
585	2 4' Super T8 28 watt lamps with EB	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852				2 8' T8 59 watt lamps with EB
586	1 4' T8 32 watt lamps with EB and reflector	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Division:	Non-Residential
587	2 4' T8 32 watt lamps with EB with dimming system	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Sub Division:	Food Service
588	2 4' T8 32 watt lamps with EB with occupancy sensors	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Weather Sensitive?:	NWS
589	2 4' Super T8 28 watt lamps with EB	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852			DEER Measure ID:	D03-852 & D03-853
590	2 8' T8 59 watt lamps with EB	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Operating Hours:	#REF!
591	2 8' Super T8 59 watt lamps with EB	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Interactive Effects:	#REF!
592	1 8' T8 59 watt lamps with EB and reflector	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Measure Savings Source:	EEPM/DEER
593	2 8' T8 59 watt lamps with EB with dimming system	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Efficient Equipment Cost:	EEPM
594	2 8' T8 59 watt lamps with EB with occupancy sensors	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Total Sub Division Units:	EIA CBECS - ENC Division
595	2 8' Super T8 59 watt lamps with EB	Food Service	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Applicability Factors:	KEMA CO DSM Market Ptl Assess
596	50W Metal Halide	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-844				
597	75W Metal Halide	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-845				
598	100W Metal Halide	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-846				
599	13 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-801			Efficient Technology:	26 Watt Integral CFL

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
600	13 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-802			Division:	Residential, Non-Residential
601	13 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-819			Sub Division:	All
602	13 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-820			Weather Sensitive?:	NWS
603	14 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-803			DEER Measure ID:	D03-813
604	14 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-821			Operating Hours:	See Lighting Assumptions
605	15 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-804			Measure Savings Source:	DEER
606	15 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-822			Efficient Equipment Cost:	ICF Measure Database
607	16 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-805			Total Sub Division Units:	EIA CBECS - ENC Division
608	16 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-823			Applicability Factors:	KEMA CO DSM Market Ptl Assess
609	18 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-806				
610	18 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-807				
611	18 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-824			Efficient Technology:	26 Watt Integral CFL
612	18 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-825			Division:	Residential, Non-Residential
613	19 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-808			Sub Division:	All
614	19 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-826			Weather Sensitive?:	NWS
615	20 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-809			DEER Measure ID:	D03-814
616	20 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-827			Operating Hours:	See Lighting Assumptions
617	23 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-810			Measure Savings Source:	DEER
618	23 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-828			Efficient Equipment Cost:	ICF Measure Database
619	25 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-811			Total Sub Division Units:	EIA CBECS - ENC Division
620	25 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-812			Applicability Factors:	KEMA CO DSM Market Ptl Assess
621	25 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-829				
622	25 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-830				
623	26 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-813			Efficient Technology:	28 Watt Integral CFL
624	26 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-814			Division:	Residential, Non-Residential
625	26 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-831			Sub Division:	All
626	26 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-832			Weather Sensitive?:	NWS
627	28 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-815			DEER Measure ID:	D03-815
628	28 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-833			Operating Hours:	See Lighting Assumptions
629	30 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-816			Measure Savings Source:	DEER
630	30 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-834			Efficient Equipment Cost:	ICF Measure Database
631	36 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-817			Total Sub Division Units:	EIA CBECS - ENC Division
632	40 Watt Integral CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-818			Applicability Factors:	KEMA CO DSM Market Ptl Assess
633	40 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-835				
634	55 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-836				
635	65 Watt Modular CFL	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-837				
636	De-lamp from 8', 4 lamp/fixture	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-855				
637	De-lamp from 4', 4 lamp/fixture	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-854				
638	T8 32W Dimming El Ballast	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-853				
639	Premium T8 El Ballast	Health Care	DEER	DEER	DEER	DEER	KEMA-CO	D03-852				
640	2 4' T8 32 watt lamps with EB	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
641	2 4' Super T8 28 watt lamps with EB	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852				2 8' T8 59 watt lamps with EB
642	1 4' T8 32 watt lamps with EB and reflector	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Division:	Non-Residential
643	2 4' T8 32 watt lamps with EB with dimming system	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Sub Division:	Health Care
644	2 4' T8 32 watt lamps with EB with occupancy sensors	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Weather Sensitive?:	NWS
645	2 4' Super T8 28 watt lamps with EB	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852			DEER Measure ID:	D03-852 & D03-853
646	2 8' T8 59 watt lamps with EB	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Operating Hours:	#REF!
647	2 8' Super T8 59 watt lamps with EB	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Interactive Effects:	#REF!
648	1 8' T8 59 watt lamps with EB and reflector	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Measure Savings Source:	EEPM/DEER
649	2 8' T8 59 watt lamps with EB with dimming system	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Efficient Equipment Cost:	EEPM
650	2 8' T8 59 watt lamps with EB with occupancy sensors	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Total Sub Division Units:	EIA CBECS - ENC Division
651	2 8' Super T8 59 watt lamps with EB	Health Care	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Applicability Factors:	KEMA CO DSM Market Ptl Assess
652	50W Metal Halide	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-844				
653	75W Metal Halide	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-845				
654	100W Metal Halide	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-846				
655	13 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-801			Efficient Technology:	30 Watt Integral CFL
656	13 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-802			Division:	Residential, Non-Residential
657	13 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-819			Sub Division:	All
658	13 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-820			Weather Sensitive?:	NWS
659	14 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-803			DEER Measure ID:	D03-816
660	14 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-821			Operating Hours:	See Lighting Assumptions
661	15 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-804			Measure Savings Source:	DEER
662	15 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-822			Efficient Equipment Cost:	ICF Measure Database
663	16 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-805			Total Sub Division Units:	EIA CBECS - ENC Division
664	16 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-823			Applicability Factors:	KEMA CO DSM Market Ptl Assess

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
665	18 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-806				
666	18 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-807				
667	18 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-824			Efficient Technology:	36 Watt Integral CFL
668	18 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-825			Division:	Residential, Non-Residential
669	19 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-808			Sub Division:	All
670	19 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-826			Weather Sensitive?:	NWS
671	20 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-809			DEER Measure ID:	D03-817
672	20 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-827			Operating Hours:	See Lighting Assumptions
673	23 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-810			Measure Savings Source:	DEER
674	23 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-828			Efficient Equipment Cost:	ICF Measure Database
675	25 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-811			Total Sub Division Units:	EIA CBECS - ENC Division
676	25 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-812			Applicability Factors:	KEMA CO DSM Market Ptl Assess
677	25 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-829				
678	25 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-830				
679	26 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-813			Efficient Technology:	40 Watt Integral CFL
680	26 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-814			Division:	Residential, Non-Residential
681	26 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-831			Sub Division:	All
682	26 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-832			Weather Sensitive?:	NWS
683	28 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-815			DEER Measure ID:	D03-818
684	28 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-833			Operating Hours:	See Lighting Assumptions
685	30 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-816			Measure Savings Source:	DEER
686	30 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-834			Efficient Equipment Cost:	ICF Measure Database
687	36 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-817			Total Sub Division Units:	EIA CBECS - ENC Division
688	40 Watt Integral CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-818			Applicability Factors:	KEMA CO DSM Market Ptl Assess
689	40 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-835				
690	55 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-836				
691	65 Watt Modular CFL	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-837				
692	De-lamp from 8', 4 lamp/fixture	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-855				
693	De-lamp from 4', 4 lamp/fixture	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-854				
694	T8 32W Dimming El Ballast	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-853				
695	Premium T8 El Ballast	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-852				
696	2 4' T8 32 watt lamps with EB	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
697	2 4' Super T8 28 watt lamps with EB	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852				2 8' T8 59 watt lamps with EB
698	1 4' T8 32 watt lamps with EB and reflector	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Division:	Non-Residential
699	2 4' T8 32 watt lamps with EB with dimming system	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Sub Division:	Office - Small
700	2 4' T8 32 watt lamps with EB with occupancy sensors	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Weather Sensitive?:	NWS
701	2 4' Super T8 28 watt lamps with EB	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852			DEER Measure ID:	D03-852 & D03-853
702	2 8' T8 59 watt lamps with EB	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Operating Hours:	#REF!
703	2 8' Super T8 59 watt lamps with EB	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Interactive Effects:	#REF!
704	1 8' T8 59 watt lamps with EB and reflector	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Measure Savings Source:	EEPM/DEER
705	2 8' T8 59 watt lamps with EB with dimming system	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Efficient Equipment Cost:	EEPM
706	2 8' T8 59 watt lamps with EB with occupancy sensors	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Total Sub Division Units:	EIA CBECS - ENC Division
707	2 8' Super T8 59 watt lamps with EB	Office - Small	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Applicability Factors:	KEMA CO DSM Market Ptl Assess
708	50W Metal Halide	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-844				
709	75W Metal Halide	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-845				
710	100W Metal Halide	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-846				
711	13 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-801			Efficient Technology:	13 Watt Modular CFL
712	13 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-802			Division:	Residential, Non-Residential
713	13 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-819			Sub Division:	All
714	13 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-820			Weather Sensitive?:	NWS
715	14 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-803			DEER Measure ID:	D03-819
716	14 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-821			Operating Hours:	See Lighting Assumptions
717	15 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-804			Measure Savings Source:	DEER
718	15 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-822			Efficient Equipment Cost:	ICF Measure Database
719	16 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-805			Total Sub Division Units:	EIA CBECS - ENC Division
720	16 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-823			Applicability Factors:	KEMA CO DSM Market Ptl Assess
721	18 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-806				
722	18 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-807				
723	18 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-824			Efficient Technology:	13 Watt Modular CFL
724	18 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-825			Division:	Residential, Non-Residential
725	19 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-808			Sub Division:	All
726	19 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-826			Weather Sensitive?:	NWS
727	20 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-809			DEER Measure ID:	D03-820
728	20 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-827			Operating Hours:	See Lighting Assumptions
729	23 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-810			Measure Savings Source:	DEER

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
730	23 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-828			Efficient Equipment Cost:	ICF Measure Database
731	25 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-811			Total Sub Division Units:	EIA CBECS - ENC Division
732	25 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-812			Applicability Factors:	KEMA CO DSM Market Ptl Assess
733	25 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-829				
734	25 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-830				
735	26 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-813			Efficient Technology:	14 Watt Modular CFL
736	26 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-814			Division:	Residential, Non-Residential
737	26 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-831			Sub Division:	All
738	26 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-832			Weather Sensitive?:	NWS
739	28 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-815			DEER Measure ID:	D03-821
740	28 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-833			Operating Hours:	See Lighting Assumptions
741	30 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-816			Measure Savings Source:	DEER
742	30 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-834			Efficient Equipment Cost:	ICF Measure Database
743	36 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-817			Total Sub Division Units:	EIA CBECS - ENC Division
744	40 Watt Integral CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-818			Applicability Factors:	KEMA CO DSM Market Ptl Assess
745	40 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-835				
746	55 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-836				
747	65 Watt Modular CFL	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-837				
748	De-lamp from 8', 4 lamp/fixture	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-855				
749	De-lamp from 4', 4 lamp/fixture	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-854				
750	T8 32W Dimming El Ballast	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-853				
751	Premium T8 El Ballast	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-852				
752	2 4' T8 32 watt lamps with EB	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
753	2 4' Super T8 28 watt lamps with EB	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852				2 8' T8 59 watt lamps with EB
754	1 4' T8 32 watt lamps with EB and reflector	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Division:	Non-Residential
755	2 4' T8 32 watt lamps with EB with dimming system	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Sub Division:	Food Sales
756	2 4' T8 32 watt lamps with EB with occupancy sensors	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Weather Sensitive?:	NWS
757	2 4' Super T8 28 watt lamps with EB	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852			DEER Measure ID:	D03-852 & D03-853
758	2 8' T8 59 watt lamps with EB	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Operating Hours:	#REF!
759	2 8' Super T8 59 watt lamps with EB	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Interactive Effects:	#REF!
760	1 8' T8 59 watt lamps with EB and reflector	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Measure Savings Source:	EEPM/DEER
761	2 8' T8 59 watt lamps with EB with dimming system	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Efficient Equipment Cost:	EEPM
762	2 8' T8 59 watt lamps with EB with occupancy sensors	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Total Sub Division Units:	EIA CBECS - ENC Division
763	2 8' Super T8 59 watt lamps with EB	Food Sales	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Applicability Factors:	KEMA CO DSM Market Ptl Assess
764	50W Metal Halide	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-844				
765	75W Metal Halide	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-845				
766	100W Metal Halide	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-846				
767	13 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-801			Efficient Technology:	15 Watt Modular CFL
768	13 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-802			Division:	Residential, Non-Residential
769	13 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-819			Sub Division:	All
770	13 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-820			Weather Sensitive?:	NWS
771	14 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-803			DEER Measure ID:	D03-822
772	14 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-821			Operating Hours:	See Lighting Assumptions
773	15 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-804			Measure Savings Source:	DEER
774	15 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-822			Efficient Equipment Cost:	ICF Measure Database
775	16 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-805			Total Sub Division Units:	EIA CBECS - ENC Division
776	16 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-823			Applicability Factors:	KEMA CO DSM Market Ptl Assess
777	18 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-806				
778	18 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-807				
779	18 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-824			Efficient Technology:	16 Watt Modular CFL
780	18 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-825			Division:	Residential, Non-Residential
781	19 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-808			Sub Division:	All
782	19 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-826			Weather Sensitive?:	NWS
783	20 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-809			DEER Measure ID:	D03-823
784	20 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-827			Operating Hours:	See Lighting Assumptions
785	23 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-810			Measure Savings Source:	DEER
786	23 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-828			Efficient Equipment Cost:	ICF Measure Database
787	25 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-811			Total Sub Division Units:	EIA CBECS - ENC Division
788	25 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-812			Applicability Factors:	KEMA CO DSM Market Ptl Assess
789	25 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-829				
790	25 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-830				
791	26 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-813			Efficient Technology:	18 Watt Modular CFL
792	26 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-814			Division:	Residential, Non-Residential
793	26 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-831			Sub Division:	All
794	26 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-832			Weather Sensitive?:	NWS

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
795	28 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-815			DEER Measure ID:	D03-824
796	28 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-833			Operating Hours:	See Lighting Assumptions
797	30 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-816			Measure Savings Source:	DEER
798	30 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-834			Efficient Equipment Cost:	ICF Measure Database
799	36 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-817			Total Sub Division Units:	EIA CBECS - ENC Division
800	40 Watt Integral CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-818			Applicability Factors:	KEMA CO DSM Market Ptl Assess
801	40 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-835				
802	55 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-836				
803	65 Watt Modular CFL	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-837				
804	De-lamp from 8', 4 lamp/fixture	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-855				
805	De-lamp from 4', 4 lamp/fixture	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-854				
806	T8 32W Dimming El Ballast	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-853				
807	Premium T8 El Ballast	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-852				
808	2 4' T8 32 watt lamps with EB	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Efficient Technology:	2 4' T8 32 watt lamps with EB
809	2 4' Super T8 28 watt lamps with EB	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852				2 8' T8 59 watt lamps with EB
810	1 4' T8 32 watt lamps with EB and reflector	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Division:	Non-Residential
811	2 4' T8 32 watt lamps with EB with dimming system	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Sub Division:	Lodging
812	2 4' T8 32 watt lamps with EB with occupancy sensors	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-853			Weather Sensitive?:	NWS
813	2 4' Super T8 28 watt lamps with EB	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO	D03-852			DEER Measure ID:	D03-852 & D03-853
814	2 8' T8 59 watt lamps with EB	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Operating Hours:	#REF!
815	2 8' Super T8 59 watt lamps with EB	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Interactive Effects:	#REF!
816	1 8' T8 59 watt lamps with EB and reflector	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Measure Savings Source:	EEPM/DEER
817	2 8' T8 59 watt lamps with EB with dimming system	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Efficient Equipment Cost:	EEPM
818	2 8' T8 59 watt lamps with EB with occupancy sensors	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Total Sub Division Units:	EIA CBECS - ENC Division
819	2 8' Super T8 59 watt lamps with EB	Lodging	EEPM	EEPM	EEPM/DEER	DEER	KEMA-CO				Applicability Factors:	KEMA CO DSM Market Ptl Assess
820	Premium Efficiency Motor - 1 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-914			Efficient Technology:	0 to 200 HP
821	Premium Efficiency Motor - 5 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-915			Division:	Non-Residential
822	Premium Efficiency Motor - 10 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-916			Sub Division:	All
823	Premium Efficiency Motor - 15 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-917			Weather Sensitive?:	NWS
824	Premium Efficiency Motor - 20 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-918			DEER Measure ID:	D03-914 to D03-933
825	Premium Efficiency Motor - 25 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-919			Operating Hours:	See Motors Assumptions
826	Premium Efficiency Motor - 50 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-920			Measure Savings Source:	DEER
827	Premium Efficiency Motor - 100 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-921			Efficient Equipment Cost:	DEER
828	Premium Efficiency Motor - 150 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-922			Total Sub Division Units:	EIA CBECS - ENC Division
829	Premium Efficiency Motor - 200 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-923			Applicability Factors:	KEMA CO DSM Market Ptl Assess
830	Premium Efficiency Motor - 1 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-924				
831	Premium Efficiency Motor - 5 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-925				
832	Premium Efficiency Motor - 10 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-926				
833	Premium Efficiency Motor - 15 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-927				
834	Premium Efficiency Motor - 20 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-928				
835	Premium Efficiency Motor - 25 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-929				
836	Premium Efficiency Motor - 50 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-930				
837	Premium Efficiency Motor - 100 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-931				
838	Premium Efficiency Motor - 150 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-932				
839	Premium Efficiency Motor - 200 HP	Office - Large	DEER	DEER	DEER/PG&E	DEER	KEMA-CO	D03-933				
840	High Efficiency Copier	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-901				
841	High Efficiency Copier	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-902				
842	High Efficiency Copier	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-903				
843	High Pressure Sodium 200 W	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-850			Efficient Technology:	
844	Low Pressure Sodium 180 W	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-851			Division:	
845	Metal Halide 175 W PS	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-847			Sub Division:	
846	Metal Halide 175 W PS	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-848			Total Sub	
847	Metal Halide 250 W PS	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-849			Total Sub Division Units:	
848	Photocell:	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-859			Applicability Factors:	
849	Timeclock:	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-858				
850	Electroluminescent Exit Sign (New)	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-862			Efficient Technology:	Electroluminescent Exit Sign (New)
851	Electroluminescent Exit Sign Retrofit Kit	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-863				Electroluminescent Exit Sign Retrofit Kit
852	LED Exit Sign (New)	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-860				LED Exit Sign (New)
853	LED Exit Sign Retrofit Kit	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-861				LED Exit Sign Retrofit Kit
854	Electroluminescent Exit Sign (New)	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-862			Division:	Non-Residential
855	Electroluminescent Exit Sign Retrofit Kit	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-863			Sub Division:	All
856	LED Exit Sign (New)	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-860			Weather Sensitive?:	NWS
857	LED Exit Sign Retrofit Kit	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-861			DEER Measure ID:	D03-862
858	Electroluminescent Exit Sign (New)	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-862				D03-863
859	Electroluminescent Exit Sign Retrofit Kit	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-863				D03-860

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
860	LED Exit Sign (New)	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-860				D03-861
861	LED Exit Sign Retrofit Kit	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-861			Operating Hours:	8760 hours per year
862	Electroluminescent Exit Sign (New)	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-862			Measure Savings Source:	DEER
863	Electroluminescent Exit Sign Retrofit Kit	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-863			Efficient Equipment Cost:	DEER
864	LED Exit Sign (New)	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-860			Total Sub Division Units:	EIA CBECS - ENC Division
865	LED Exit Sign Retrofit Kit	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-861			Applicability Factors:	KEMA CO DSM Market Ptl Assess
866	Electroluminescent Exit Sign (New)	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-862				
867	Electroluminescent Exit Sign Retrofit Kit	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-863				
868	LED Exit Sign (New)	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-860				
869	LED Exit Sign Retrofit Kit	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-861				
870	Electroluminescent Exit Sign (New)	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-862				
871	Electroluminescent Exit Sign Retrofit Kit	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-863				
872	LED Exit Sign (New)	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-860				
873	LED Exit Sign Retrofit Kit	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-861				
874	Electroluminescent Exit Sign (New)	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-862				
875	Electroluminescent Exit Sign Retrofit Kit	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-863				
876	LED Exit Sign (New)	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-860				
877	LED Exit Sign Retrofit Kit	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-861				
878	Electroluminescent Exit Sign (New)	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-862				
879	Electroluminescent Exit Sign Retrofit Kit	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-863				
880	LED Exit Sign (New)	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-860				
881	LED Exit Sign Retrofit Kit	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-861				
882	Electroluminescent Exit Sign (New)	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-862				
883	Electroluminescent Exit Sign Retrofit Kit	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-863				
884	LED Exit Sign (New)	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-860				
885	LED Exit Sign Retrofit Kit	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-861				
886	Electroluminescent Exit Sign (New)	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-862				
887	Electroluminescent Exit Sign Retrofit Kit	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-863				
888	LED Exit Sign (New)	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-860				
889	LED Exit Sign Retrofit Kit	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-861				
890	Occ-Sensor - Plug loads	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-857			Efficient Technology:	Occ-Sensor - Plug loads
891	Occ-Sensor - Wall box	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-856			Division:	Non-Residential
892	Occ-Sensor - Plug loads	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-857			Sub Division:	All
893	Occ-Sensor - Wall box	Education	DEER	DEER	DEER	DEER	KEMA-CO	D03-856			Weather Sensitive?:	NWS
894	Occ-Sensor - Plug loads	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-857			DEER Measure ID:	D03-857
895	Occ-Sensor - Wall box	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-856			Operating Hours:	See Lighting Assumptions
896	Occ-Sensor - Plug loads	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-857			Measure Savings Source:	DEER
897	Occ-Sensor - Wall box	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-856			Efficient Equipment Cost:	DEER
898	Occ-Sensor - Plug loads	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-857			Total Sub Division Units:	EIA CBECS - ENC Division
899	Occ-Sensor - Wall box	Lodging	DEER	DEER	DEER	DEER	KEMA-CO	D03-856			Applicability Factors:	KEMA CO DSM Market Ptl Assess
900	Occ-Sensor - Plug loads	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-857			Efficient Technology:	Occ-Sensor - Wall box
901	Occ-Sensor - Wall box	Office - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-856			Division:	Non-Residential
902	Occ-Sensor - Plug loads	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-857			Sub Division:	All
903	Occ-Sensor - Wall box	Assembly	DEER	DEER	DEER	DEER	KEMA-CO	D03-856			Weather Sensitive?:	NWS
904	Occ-Sensor - Plug loads	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-857			DEER Measure ID:	D03-856
905	Occ-Sensor - Wall box	Retail - Large	DEER	DEER	DEER	DEER	KEMA-CO	D03-856			Operating Hours:	See Lighting Assumptions
906	Occ-Sensor - Plug loads	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-857			Measure Savings Source:	DEER
907	Occ-Sensor - Wall box	Retail - Small	DEER	DEER	DEER	DEER	KEMA-CO	D03-856			Efficient Equipment Cost:	DEER
908	Occ-Sensor - Plug loads	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-857			Total Sub Division Units:	EIA CBECS - ENC Division
909	Occ-Sensor - Wall box	Warehouse and Storage	DEER	DEER	DEER	DEER	KEMA-CO	D03-856			Applicability Factors:	KEMA CO DSM Market Ptl Assess
910	Connectionless Steamer	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-908				
911	Hot Food Holding Cabinet	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-907				
912	Efficient French Fryer - Electric	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO					
913	Connectionless Steamer	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO					
914	Efficient Electric Griddle	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO					
915	Efficient Convection Oven	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO					
916	Efficient Combination Oven-Electric	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO				Efficient Technology:	Various
917	Efficient Hot Food Holding Cabinet-Full-Size	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO				Division:	Non-Residential
918	Efficient Hot Food Holding Cabinet-Three-Quarter-Size	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO				Sub Division:	Food Service
919	Efficient Hot Food Holding Cabinet-Half-Size	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO				Weather Sensitive?:	NWS
920	Efficient Air-Cooled 101-200 lbs/day	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO				DEER Measure ID:	N/A
921	Efficient Air-Cooled 201-300 lbs/day	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO				Operating Hours:	N/A
922	Efficient Air-Cooled 301-400 lbs/day	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO				Measure Savings Source:	Fisher Nickel
923	Efficient Air-Cooled 401-500 lbs/day	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO				Efficient Equipment Cost:	Fisher Nickel
924	Efficient ir-Cooled 501-1000 lbs/day	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO				Total Sub Division Units:	ICF Assumption

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
925	Efficient Air-Cooled 1001-1500 lbs/day	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO				Applicability Factors:	ICF Assumption
926	Efficient Air-Cooled > 1500 lbs/day	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO					
927	Efficient Solid-Door Refrigerator 2-Door 31-60 cf	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO					
928	Efficient Solid-Door Refrigerator 3-Door 61-90 cf	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO					
929	Efficient Solid-Door Freezer 2-Door 31-60 cf	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO					
930	Efficient Solid-Door Freezer 3-Door 61-90 cf	Food Service	Fisher Nickel	Fisher Nicke	Fisher Nickel	Fisher Nickel	KEMA-CO					
931	Vending Machine Controller	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-912				
932	Vending Machine Controller	Food Service	DEER	DEER	DEER	DEER	KEMA-CO	D03-913				
933	2 1-lamp F32T8 with EB and CFL Task Light	Office - Large	ACEEE	ACEEE	ACEEE	ACEEE	KEMA-CO					
934	2 1-lamp Super T8s with high-power EB	Office - Large	ACEEE	ACEEE	ACEEE	ACEEE	KEMA-CO					
935	2 1-lamp indirect fixture with T5	Office - Large	ACEEE	ACEEE	ACEEE	ACEEE	KEMA-CO					
936	High Bay T5 (4L4' F28T5/HO)	Office - Large	ICF	ICF	ICF	ICF	KEMA-CO					
937	26 W White LED Lamp	Office - Large	ACEEE	ACEEE	ACEEE	ACEEE	KEMA-CO					
938	LED Traffic Signal	Service	ARK	ARK	ARK	ARK	KEMA-CO					
939	LED Pedestrian Signal	Service	ARK	ARK	ARK	ARK	KEMA-CO					
940	Computer Power Management	Office - Large	ICF	EPA	EPA	EPA	KEMA-CO					
941	Variable speed drive for chilled water loop	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047			Efficient Technology:	Variable speed drive for chilled water loop
942	Variable speed drive for chilled water loop	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047			Division:	Non-Residential
943	Variable speed drive for chilled water loop	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047			Sub Division:	Various
944	Variable speed drive for chilled water loop	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047			Weather Sensitive?:	WS
945	Variable speed drive for chilled water loop	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047			DEER Measure ID:	D03-047
946	Variable speed drive for chilled water loop	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047			Measure Savings Source:	ICF DOE-2 model
947	Variable speed drive for chilled water loop	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047			Efficient Equipment Cost:	DEER
948	Variable speed drive for chilled water loop	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047			Total Sub Division Units:	EIA CBECS - ENC Division
949	Variable speed drive for chilled water loop	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047			Applicability Factors:	ICF assumption
950	Variable speed drive for chilled water loop	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047				
951	Variable speed drive for chilled water loop	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047				
952	Variable speed drive for chilled water loop	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-047				
953	Variable speed drive for hot water loop	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049			Efficient Technology:	Variable speed drive for hot water loop
954	Variable speed drive for hot water loop	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049			Division:	Non-Residential
955	Variable speed drive for hot water loop	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049			Sub Division:	Various
956	Variable speed drive for chilled water loop	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049			Weather Sensitive?:	WS
957	Variable speed drive for chilled water loop	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049			DEER Measure ID:	D03-049
958	Variable speed drive for chilled water loop	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049			Measure Savings Source:	ICF DOE-2 model
959	Variable speed drive for chilled water loop	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049			Efficient Equipment Cost:	DEER
960	Variable speed drive for chilled water loop	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049			Total Sub Division Units:	EIA CBECS - ENC Division
961	Variable speed drive for chilled water loop	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049			Applicability Factors:	ICF assumption
962	Variable speed drive for chilled water loop	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049				
963	Variable speed drive for chilled water loop	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049				
964	Variable speed drive for chilled water loop	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-049				
965	Older building ceiling/roof insulation up to current standards	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013			Efficient Technology:	Older building ceiling/roof insulation up to curre
966	Older building ceiling/roof insulation up to current standards	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013			Division:	Non-Residential
967	Older building ceiling/roof insulation up to current standards	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013			Sub Division:	All
968	Older building ceiling/roof insulation up to current standards	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013			Weather Sensitive?:	WS
969	Older building ceiling/roof insulation up to current standards	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013			DEER Measure ID:	D03-013
970	Older building ceiling/roof insulation up to current standards	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013			Measure Savings Source:	ICF DOE-2 model
971	Older building ceiling/roof insulation up to current standards	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013			Efficient Equipment Cost:	DEER
972	Older building ceiling/roof insulation up to current standards	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013			Total Sub Division Units:	EIA CBECS - ENC Division
973	Older building ceiling/roof insulation up to current standards	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013			Applicability Factors:	ICF assumption
974	Older building ceiling/roof insulation up to current standards	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013				
975	Older building ceiling/roof insulation up to current standards	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013				
976	Older building ceiling/roof insulation up to current standards	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-013				
977	Chilled Water Loop temperature control	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044			Efficient Technology:	Chilled Water Loop temperature control
978	Chilled Water Loop temperature control	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044			Division:	Non-Residential
979	Chilled Water Loop temperature control	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044			Sub Division:	Various
980	Chilled Water Loop temperature control	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044			Weather Sensitive?:	WS
981	Chilled Water Loop temperature control	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044			DEER Measure ID:	D03-044
982	Chilled Water Loop temperature control	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044			Measure Savings Source:	ICF DOE-2 model
983	Chilled Water Loop temperature control	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044			Efficient Equipment Cost:	DEER
984	Chilled Water Loop temperature control	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044			Total Sub Division Units:	EIA CBECS - ENC Division
985	Chilled Water Loop temperature control	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044			Applicability Factors:	ICF assumption
986	Chilled Water Loop temperature control	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044				
987	Chilled Water Loop temperature control	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044				
988	Chilled Water Loop temperature control	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-044				
989	Hot Water Loop temperature control	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045			Efficient Technology:	Hot Water Loop temperature control

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
990	Hot Water Loop temperature control	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045			Division:	Non-Residential
991	Hot Water Loop temperature control	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045			Sub Division:	Various
992	Hot Water Loop temperature control	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045			Weather Sensitive?:	WS
993	Hot Water Loop temperature control	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045			DEER Measure ID:	D03-045
994	Hot Water Loop temperature control	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045			Measure Savings Source:	ICF DOE-2 model
995	Hot Water Loop temperature control	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045			Efficient Equipment Cost:	DEER
996	Hot Water Loop temperature control	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045			Total Sub Division Units:	EIA CBECS - ENC Division
997	Hot Water Loop temperature control	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045			Applicability Factors:	ICF assumption
998	Hot Water Loop temperature control	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045				
999	Hot Water Loop temperature control	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045				
1000	Hot Water Loop temperature control	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-045				
1001	Dirty Air-cooled condenser coils are cleaned	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061			Efficient Technology:	Dirty Air-cooled condenser coils are cleaned
1002	Dirty Air-cooled condenser coils are cleaned	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061			Division:	Non-Residential
1003	Dirty Air-cooled condenser coils are cleaned	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061			Sub Division:	All
1004	Dirty Air-cooled condenser coils are cleaned	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061			Weather Sensitive?:	WS
1005	Dirty Air-cooled condenser coils are cleaned	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061			DEER Measure ID:	D03-061
1006	Dirty Air-cooled condenser coils are cleaned	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061			Measure Savings Source:	ICF DOE-2 model
1007	Dirty Air-cooled condenser coils are cleaned	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061			Efficient Equipment Cost:	DEER
1008	Dirty Air-cooled condenser coils are cleaned	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061			Total Sub Division Units:	EIA CBECS - ENC Division
1009	Dirty Air-cooled condenser coils are cleaned	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061			Applicability Factors:	ICF assumption
1010	Dirty Air-cooled condenser coils are cleaned	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061				
1011	Dirty Air-cooled condenser coils are cleaned	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061				
1012	Dirty Air-cooled condenser coils are cleaned	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-061				
1013	Central HVAC system Economizer retrofit	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-059			Efficient Technology:	Central HVAC system Economizer retrofit
1014	Central HVAC system Economizer retrofit	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-059			Division:	Non-Residential
1015	Packaged system Economizer retrofit	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-058			Sub Division:	All
1016	Central HVAC system Economizer retrofit	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-059			Weather Sensitive?:	WS
1017	Central HVAC system Economizer retrofit	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-059			DEER Measure ID:	D03-059
1018	Packaged system Economizer retrofit	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-058			Measure Savings Source:	ICF DOE-2 model
1019	Central HVAC system Economizer retrofit	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-059			Efficient Equipment Cost:	DEER
1020	Central HVAC system Economizer retrofit	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-059			Total Sub Division Units:	EIA CBECS - ENC Division
1021	Packaged system Economizer retrofit	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-058			Applicability Factors:	ICF assumption
1022	Central HVAC system Economizer retrofit	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-059				
1023	Central HVAC system Economizer retrofit	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-059				
1024	Packaged system Economizer retrofit	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-058				
1025	Light Colored Roof	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016			Efficient Technology:	Light Colored Roof
1026	Light Colored Roof	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016			Division:	Non-Residential
1027	Light Colored Roof	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016			Sub Division:	All
1028	Light Colored Roof	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016			Weather Sensitive?:	WS
1029	Light Colored Roof	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016			DEER Measure ID:	D03-016
1030	Light Colored Roof	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016			Measure Savings Source:	ICF DOE-2 model
1031	Light Colored Roof	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016			Efficient Equipment Cost:	DEER
1032	Light Colored Roof	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016			Total Sub Division Units:	EIA CBECS - ENC Division
1033	Light Colored Roof	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016			Applicability Factors:	ICF assumption
1034	Light Colored Roof	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016				
1035	Light Colored Roof	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016				
1036	Light Colored Roof	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-016				
1037	time clocks control packaged system operation	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071			Efficient Technology:	time clocks control packaged system operation
1038	time clocks control packaged system operation	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071			Division:	Non-Residential
1039	time clocks control packaged system operation	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071			Sub Division:	Various
1040	time clocks control packaged system operation	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071			Weather Sensitive?:	WS
1041	time clocks control packaged system operation	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071			DEER Measure ID:	D03-071
1042	time clocks control packaged system operation	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071			Measure Savings Source:	ICF DOE-2 model
1043	time clocks control packaged system operation	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071			Efficient Equipment Cost:	DEER
1044	time clocks control packaged system operation	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071			Total Sub Division Units:	EIA CBECS - ENC Division
1045	time clocks control packaged system operation	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071			Applicability Factors:	ICF assumption
1046	time clocks control packaged system operation	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071				
1047	time clocks control packaged system operation	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071				
1048	time clocks control packaged system operation	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-071				
1049	Base ventilation rate 25% higher than required	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055			Efficient Technology:	Base ventilation rate 25% higher than required
1050	Base ventilation rate 25% higher than required	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055			Division:	Non-Residential
1051	Base ventilation rate 25% higher than required	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055			Sub Division:	All
1052	Base ventilation rate 25% higher than required	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055			Weather Sensitive?:	WS
1053	Base ventilation rate 25% higher than required	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055			DEER Measure ID:	D03-055
1054	Base ventilation rate 25% higher than required	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055			Measure Savings Source:	ICF DOE-2 model

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
1055	Base ventilation rate 25% higher than required	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055			Efficient Equipment Cost:	DEER
1056	Base ventilation rate 25% higher than required	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055			Total Sub Division Units:	EIA CBECS - ENC Division
1057	Base ventilation rate 25% higher than required	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055			Applicability Factors:	ICF assumption
1058	Base ventilation rate 25% higher than required	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055				
1059	Base ventilation rate 25% higher than required	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055				
1060	Base ventilation rate 25% higher than required	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-055				
1061	Efficient chiller	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118			Efficient Technology:	Efficient chiller
1062	Efficient chiller	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118			Division:	Non-Residential
1063	Efficient chiller	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118			Sub Division:	Various
1064	Efficient chiller	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118			Weather Sensitive?:	WS
1065	Efficient chiller	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118			DEER Measure ID:	D03-118
1066	Efficient chiller	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118			Measure Savings Source:	ICF DOE-2 model
1067	Efficient chiller	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118			Efficient Equipment Cost:	DEER
1068	Efficient chiller	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118			Total Sub Division Units:	EIA CBECS - ENC Division
1069	Efficient chiller	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118			Applicability Factors:	ICF assumption
1070	Efficient chiller	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118				
1071	Efficient chiller	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118				
1072	Efficient chiller	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-118				
1073	Efficient packaged AC	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103			Efficient Technology:	Efficient packaged AC
1074	Efficient packaged AC	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103			Division:	Non-Residential
1075	Efficient packaged AC	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103			Sub Division:	Various
1076	Efficient packaged AC	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103			Weather Sensitive?:	WS
1077	Efficient packaged AC	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103			DEER Measure ID:	D03-103
1078	Efficient packaged AC	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103			Measure Savings Source:	ICF DOE-2 model
1079	Efficient packaged AC	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103			Efficient Equipment Cost:	DEER
1080	Efficient packaged AC	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103			Total Sub Division Units:	EIA CBECS - ENC Division
1081	Efficient packaged AC	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103			Applicability Factors:	ICF assumption
1082	Efficient packaged AC	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103				
1083	Efficient packaged AC	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103				
1084	Efficient packaged AC	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-103				
1085	Efficient boiler	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067			Efficient Technology:	Efficient boiler
1086	Efficient boiler	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067			Division:	Non-Residential
1087	Efficient boiler	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067			Sub Division:	Various
1088	Efficient boiler	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067			Weather Sensitive?:	WS
1089	Efficient boiler	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067			DEER Measure ID:	D03-067
1090	Efficient boiler	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067			Measure Savings Source:	ICF DOE-2 model
1091	Efficient boiler	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067			Efficient Equipment Cost:	DEER
1092	Efficient boiler	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067			Total Sub Division Units:	EIA CBECS - ENC Division
1093	Efficient boiler	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067			Applicability Factors:	ICF assumption
1094	Efficient boiler	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067				
1095	Efficient boiler	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067				
1096	Efficient boiler	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-067				
1097	VAV box retrofit on constant volume system	Office - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050			Efficient Technology:	VAV box retrofit on constant volume system
1098	VAV box retrofit on constant volume system	Education	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050			Division:	Non-Residential
1099	VAV box retrofit on constant volume system	Warehouse and Storage	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050			Sub Division:	All
1100	VAV box retrofit on constant volume system	Retail - Large	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050			Weather Sensitive?:	WS
1101	VAV box retrofit on constant volume system	Retail - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050			DEER Measure ID:	D03-050
1102	VAV box retrofit on constant volume system	Office - Small	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050			Measure Savings Source:	ICF DOE-2 model
1103	VAV box retrofit on constant volume system	Assembly	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050			Efficient Equipment Cost:	DEER
1104	VAV box retrofit on constant volume system	Food Sales	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050			Total Sub Division Units:	EIA CBECS - ENC Division
1105	VAV box retrofit on constant volume system	Food Service	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050			Applicability Factors:	ICF assumption
1106	VAV box retrofit on constant volume system	Lodging - Hotel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050				
1107	VAV box retrofit on constant volume system	Lodging - Motel	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050				
1108	VAV box retrofit on constant volume system	Health Care	DEER	DEER	DOE-2	DEER	KEMA-CO	D03-050				
1109	Air-cooled multiplex system w/extensive refrigeration equipr	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-201			Efficient Technology:	Various
1110	Turn off fixture lights when store closed	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-227			Division:	Non-Residential
1111	Floating SCT controlled to 70°F	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-221			Sub Division:	Food Sales
1112	Floating SCT controlled to 70°F	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-222			Weather Sensitive?:	WS
1113	Floating SST control on LT and MT suction groups	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-220			DEER Measure ID:	D03-201 to D03-228
1114	Ambient following SCT setpoint, 70°F minimum, variable-spe	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-225			Measure Savings Source:	DEER
1115	Wetbulb following SCT setpoint, 70°F minimum, variable-spe	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-226			Efficient Equipment Cost:	DEER
1116	Ambient following SCT setpoint, 70°F minimum	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-223			Total Sub Division Units:	EIA CBECS - ENC Division
1117	Wetbulb following SCT setpoint, 70°F minimum	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-224			Applicability Factors:	ICF assumption
1118	Cycle fan off with thermostat; duty cycle occasionally when c	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-210				
1119	Adds an 85°F holdback valve, active only when needed	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-204				

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
1120	Cover open MT cases between 1-5 a.m.	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-205				
1121	Upgrade from 53 Btu/Watt @ 10°F TD to 85 Btu/Watt	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-212				
1122	Substitute high efficiency motors for standard efficiency	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-203				
1123	Reduce design SCT by ~5°F and improve efficiency	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-213				
1124	Replace multiplex air-cooled condenser with evaporative cor	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-211				
1125	Substitute high efficiency motors for standard efficiency	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-202				
1126	Addition of LT and MT subcoolers to an air-cooled multiplex	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-219				
1127	Addition of a LT subcooler to an air-cooled multiplex	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-218				
1128	Install automatic door closer on walk-in cooler doors	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-208				
1129	Install automatic door closer on walk-in freezer doors	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-209				
1130	Replace single-compressor system with subcooled multiplex	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-214				
1131	Replace single-compressor system with subcooled multiplex	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-215				
1132	Replace single-compressor system with subcooled multiplex	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-216				
1133	Replace single-compressor system with subcooled multiplex	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-217				
1134	Replace open MT case with new case with doors	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-207				
1135	Retrofit glass doors on open MT cases; additional lighting	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-206				
1136	Eliminate anti-sweat heaters from doors	Food Sales	DEER	DEER	DEER	DEER	KEMA-CO	D03-228				
1137	New HomeRefrigerator - ENERGY STAR	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO				Efficient Technology:	Various
1138	New Home 6 indoor + 2 outdoor CFLs	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO				Division:	Residential
1139	Air Conditioner - SEER 14 + Programmable Thermostat	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO				Sub Division:	All Residential
1140	New Home Improved thermal envelope	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO				Weather Sensitive?:	NWS
1141	Dishwasher - ENERGY STAR	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO				DEER Measure ID:	N/A
1142	New Home ENERGY STAR Bathroom Exhaust Fan	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO				Measure Savings Source:	EPA Energy Star Calculator (by DCEO)
1143	90% AFUE furnace w/ efficient air handler	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO				Efficient Equipment Cost:	EPA Energy Star Calculator (by DCEO)
1144	Retrofit Refrigerator - ENERGY STAR	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO				Participation Assumptions:	DCEO
1145	Advanced Lighting Package (10 CFL Fixtures at 3 hrs/day)	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1146	ENERGY STAR Bathroom Exhaust Fan	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1147	Dishwasher - ENERGY STAR	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1148	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1149	WindowAir Conditioner - ENERGY STAR	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1150	Improved thermal envelope	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1151	New HomeRefrigerator - ENERGY STAR	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1152	New Home 6 indoor + 2 outdoor CFLs	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1153	New Home ENERGY STAR Bathroom Exhaust Fan	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1154	Dishwasher - ENERGY STAR	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1155	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1156	WindowAir Conditioner - ENERGY STAR	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1157	Improved thermal envelope	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1158	90% AFUE furnace w/ efficient air handler	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1159	15W CFL	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1160	20W CFL	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1161	25W CFL	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1162	15W CFL daylight	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1163	20W CFL daylight	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1164	13W capsule	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1165	16W CFL reflector	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1166	Refrigerator - ENERGY STAR	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1167	12 CFLs at 3 hours per day	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1168	Air Conditioner - SEER 16 + Programmable Thermostat	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1169	WindowAir Conditioner - ENERGY STAR	All Residential	DCEO	DCEO	DCEO	DCEO	DCEO					
1170	Public Sector Custom - Efficient Technologies	Assembly	DCEO	DCEO	DCEO	SCE	DCEO					SCE database Attachment IITables.xls - tab A
1171	Ceiling Mounted Motion Sensor	Office - Large	ComEd	ComEd	DEER/ComE	DEER	ComEd					
1172	New Construction Upgrades from Base	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO					
1173	New Construction Upgrades from ASHRAE 90.1-1999	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO					
1174	New Construction Upgrades from ASHRAE 90.1-2004	Office - Large	DEER	DEER	DEER	DEER	KEMA-CO					
1175	Christmas Lights LED Mini Lights - 25 count	Service	ComEd	ComEd	ComEd	DEER	ComEd					
1176	Christmas Lights LED C7 - 25 count	Service	ComEd	ComEd	ComEd	DEER	ComEd					
1177	Christmas Lights LED C9 - 25 count	Service	ComEd	ComEd	ComEd	DEER	ComEd					
1178	New Home Advanced Lighting Package	Single Family, Detached	EPA/ICF	EPA/ICF	EPA/ICF	DEER	MEEA					
1179	New Home Advanced Lighting Package	Single Family, Attached	EPA/ICF	EPA/ICF	EPA/ICF	DEER	MEEA					
1180	New Home Advanced Lighting Package	Multi-family	EPA/ICF	EPA/ICF	EPA/ICF	DEER	MEEA					
1181	Proper Refrigerant Charge + Duct Sealing + Manual J Sizing	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-459			Efficient Technology:	Refigeration Charge Reg. (100% SEER value
1182	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-408				Sizing (115%)
1183	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Attached	ICF	ICF	DOE-2	ICF	MEEA					Duct Sealing (7CFA)
1184	Sizing (115%)	Single Family, Attached	DEER	DEER	DOE-2	DEER	MEEA	D03-458			Division:	Residential
1187	Proper Refrigerant Charge + Duct Sealing + Manual J Sizing	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-459				Multi-family
1188	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-408			Weather Sensitive?:	WS
1189	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Single Family, Detached	ICF	ICF	DOE-2	ICF	MEEA				DEER Measure ID:	D03-408, D03-418, D03-458, D03-459

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
1190	Sizing (115%)	Single Family, Detached	ICF	ICF	DOE-2	ICF	MEEA				Measure Savings Source:	ICF DOE-2 Model
1191	Duct Sealing (7CFA)	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-458			Efficient Equipment Cost:	DEER
1192	Duct Sealing (7CFA)	Single Family, Detached	DEER	DEER	DOE-2	DEER	MEEA	D03-418			Total Sub Division Units:	Comed
1193	Proper Refrigerant Charge + Manual J Sizing	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-408			Applicability Factors:	MEEA Illinois Residential Market Analysis
1194	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Multi-family	DEER	DEER	DOE-2	DEER	MEEA	D03-408				
1195	Refigeration Charge Reg. (100% SEER value - 10.16 SEER	Multi-family	DEER	DEER	DOE-2	DEER	MEEA					
1196	Sizing (115%)	Multi-family	DEER	DEER	DEER	DEER	KEMA-CO					
1199	Custom Lighting	Service	ICF	ICF	ICF	ICF	MEEA					
1200	Load control switch	Single Family, Detached	ComEd	ComEd	ComEd	ComEd	ComEd				Efficient Technology:	Demand Response
1204	1 LEED Point (11% above code)	Education	DCEO	DCEO	DCEO	DCEO	DCEO				Efficient Technology:	Efficient Public Sector Buildings
1205	2 LEED Points (14% above code)	Education	DCEO	DCEO	DCEO	DCEO	DCEO				Division:	Non-Residential
1206	4 LEED Points (21% above code)	Education	DCEO	DCEO	DCEO	DCEO	DCEO				Sub Division:	Education & Assembly
1207	5 LEED Points (25% above code)	Education	DCEO	DCEO	DCEO	DCEO	DCEO				Weather Sensitive?:	NWS
1208	7 LEED Points (32% above code)	Education	DCEO	DCEO	DCEO	DCEO	DCEO				DEER Measure ID:	N/A
1209	0 LEED Points (10% above code)	Assembly	DCEO	DCEO	DCEO	DCEO	DCEO				Measure Savings Source:	DCEO
1210	1 LEED Point (15% above code)	Assembly	DCEO	DCEO	DCEO	DCEO	DCEO				Efficient Equipment Cost:	DCEO
1211	2 LEED Points (20% above code)	Assembly	DCEO	DCEO	DCEO	DCEO	DCEO				Participation Assumptions:	DCEO
1212	3 LEED Points (25% above code)	Assembly	DCEO	DCEO	DCEO	DCEO	DCEO					
1213	4 LEED Point (30% above code)	Assembly	DCEO	DCEO	DCEO	DCEO	DCEO					
1214	Lights for Learning CFL	Single Family, Detached	DCEO	DCEO	DCEO	DCEO	DCEO					
1215	Base Compressed Air	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			100		
1216	Compressed Air-O&M	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			101		
1217	Compressed Air - Controls	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			102		
1218	Compressed Air - System Optimization	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			103		
1219	Compressed Air- Sizing	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			104		
1220	Comp Air - Replace 1-5 HP motor	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			105		
1221	Comp Air - ASD (1-5 hp)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			106		
1222	Comp Air - Motor practices-1 (1-5 HP)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			107		
1223	Comp Air - Replace 6-100 HP motor	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			108		
1224	Comp Air - ASD (6-100 hp)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			109		
1225	Comp Air - Motor practices-1 (6-100 HP)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			110		
1226	Comp Air - Replace 100+ HP motor	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			111		
1227	Comp Air - ASD (100+ hp)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			112		
1228	Comp Air - Motor practices-1 (100+ HP)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			113		
1229	Power recovery	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			114		
1230	Refinery Controls	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			115		
1231	Energy Star Transformers	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			116		
1232	Base Fans	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			200		
1233	Fans - O&M	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			201		
1234	Fans - Controls	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			202		
1235	Fans - System Optimization	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			203		
1236	Fans- Improve components	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			204		
1237	Fans - Replace 1-5 HP motor	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			205		
1238	Fans - ASD (1-5 hp)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			206		
1239	Fans - Motor practices-1 (1-5 HP)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			207		
1240	Fans - Replace 6-100 HP motor	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			208		
1241	Fans - ASD (6-100 hp)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			209		
1242	Fans - Motor practices-1 (6-100 HP)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			210		
1243	Fans - Replace 100+ HP motor	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			211		
1244	Fans - ASD (100+ hp)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			212		
1245	Fans - Motor practices-1 (100+ HP)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			213		
1246	Optimize drying process	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			214		
1247	Power recovery	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			215		
1248	Refinery Controls	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			216		
1249	Energy Star Transformers	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			217		
1250	Base Pumps	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			300		
1251	Pumps - O&M	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			301		
1252	Pumps - Controls	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			302		
1253	Pumps - System Optimization	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			303		
1254	Pumps - Sizing	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			304		
1255	Pumps - Replace 1-5 HP motor	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			305		
1256	Pumps - ASD (1-5 hp)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			306		
1257	Pumps - Motor practices-1 (1-5 HP)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			307		
1258	Pumps - Replace 6-100 HP motor	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			308		
1259	Pumps - ASD (6-100 hp)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			309		
1260	Pumps - Motor practices-1 (6-100 HP)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			310		

ICF ID	Efficient Technology	Sub Division	Measure Name Source	Measure Cost Source	Measure Savings Source	Measure Lifetime Source	Measure Participation Source	DEER MeasureID	RLW Measure ID	KEMA-CA Measure ID	Notes	Notes2
1261	Pumps - Replace 100+ HP motor	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			311		
1262	Pumps - ASD (100+ hp)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			312		
1263	Pumps - Motor practices-1 (100+ HP)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			313		
1264	Power recovery	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			314		
1265	Refinery Controls	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			315		
1266	Energy Star Transformers	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			316		
1267	Base Drives	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			400		
1268	Bakery - Process (Mixing) - O&M	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			401		
1269	O&M/drives spinning machines	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			402		
1270	Air conveying systems	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			403		
1271	Replace V-Belts	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			404		
1272	Drives - EE motor	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			405		
1273	Gap Forming papermachine	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			406		
1274	High Consistency forming	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			407		
1275	Optimization control PM	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			408		
1276	Efficient practices printing press	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			409		
1277	Efficient Printing press (fewer cylinders)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			410		
1278	Light cylinders	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			411		
1279	Efficient drives	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			412		
1280	Clean Room - Controls	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			413		
1281	Clean Room - New Designs	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			414		
1282	Drives - Process Controls (batch + site)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			415		
1283	Process Drives - ASD	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			416		
1284	O&M - Extruders/Injection Moulding	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			417		
1285	Extruders/injection Moulding-multipump	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			418		
1286	Direct drive Extruders	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			419		
1287	Injection Moulding - Impulse Cooling	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			420		
1288	Injection Moulding - Direct drive	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			421		
1289	Efficient grinding	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			422		
1290	Process control	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			423		
1291	Process optimization	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			424		
1292	Drives - Process Control	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			425		
1293	Efficient drives - rolling	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			426		
1294	Drives - Optimization process (M&T)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			427		
1295	Drives - Scheduling	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			428		
1296	Machinery	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			429		
1297	Efficient Machinery	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			430		
1298	Energy Star Transformers	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			431		
1299	Base Heating	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			500		
1300	Bakery - Process	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			501		
1301	Drying (UV/IR)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			502		
1302	Heat Pumps - Drying	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			503		
1303	Top-heating (glass)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			504		
1304	Efficient electric melting	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			505		
1305	Intelligent extruder (DOE)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			506		
1306	Near Net Shape Casting	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			507		
1307	Heating - Process Control	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			508		
1308	Efficient Curing ovens	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			509		
1309	Heating - Optimization process (M&T)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			510		
1310	Heating - Scheduling	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			511		
1311	Energy Star Transformers	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			512		
1312	Base Refrigeration	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			550		
1313	Efficient Refrigeration - Operations	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			551		
1314	Optimization Refrigeration	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			552		
1315	Energy Star Transformers	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			553		
1316	Base Other Process	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			600		
1317	Other Process Controls (batch + site)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			601		
1318	Efficient desalter	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			602		
1319	New transformers welding	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			603		
1320	Efficient processes (welding, etc.)	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			604		
1321	Process control	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			605		
1322	Power recovery	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			606		
1323	Refinery Controls	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			607		
1324	Energy Star Transformers	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			608		
1325	Replace V-belts	Industrial	KEMA-CA	KEMA-CA	KEMA-CA	KEMA-CA	ComEd			901		

DOE-2 Residential Modeling Baselines

		Single Family Detached	Single Family Attached	Multifamily
Architectural Information	**Options**			
Square Feet per Floor	Any Value	875	750	750
Number of Stories	Any Value	2	2	1
Window Distribution (F:B:L:R)	Any Distribution	50% : 25% :12.5% :12.5%	50% : 50% : 0% : 0%	50% : 0% : 50% : 0%
Window Area to Wall Area Ratio	Any Value	12%	12%	10%
Foundation Configuration	Any Value	Basement	Slab	Slab
Locations	Any TMY2 Weather Location	Chicago, Moline, Rockford	Chicago, Moline, Rockford	Chicago, Moline, Rockford
Number of Bedrooms		3	3	2
Aspect Ratio		2:1	1:3	1:2
Shell Information	**Options**			
Wall Construction	1 - Mass Bldg 2 - Metal Bldg 3 - Steel Frame 4 - Wood Frame & Other	2" x 4", 16" o.c.	2" x 4", 16" o.c.	2" x 4", 16" o.c.
Wall Insulation R-value	Any Value	7	7	7
Wall Sheathing R-value	Any Value	1	1	1
Door R-Value	Any Value	1	1	1
Ceiling Type	1 - Insulation Entirely Above Deck 2 - Metal Building 3 - Attic and Other	Flat / Attic	Flat / Attic	Flat / Attic
Roof Solar Absorptivity	Any Value	0.75	0.75	0.75
Attic Insulation R-Value	Any Value	10	10	7
Basement Wall Insulation R-Value	Any Value	0	0	0
Window U-Value	Any Value	0.5	0.5	0.5
Window SHGC	Any Value	0.45	0.45	0.45
Infiltration Air Change Rate per Hour	Any Value	0.75	0.75	0.75
Systems Information	**Options**			
System Type	1 - Commercial Chiller and Boiler 2 - Packaged AC with Gas Furnace 3 - Packaged AC with Boiler 4 - Packaged Heatpump 5 - Split AC with Furnace 6 - Split Heatpump 7 - PTAC with Boiler 8 - PTAC with Gas Furnace 9 - PTAC with Electric	AC with Gas Furnace	AC with Gas Furnace	AC with Gas Furnace
Cooling Capacity in Tons	Any Value	Auto sized	Auto sized	Auto sized
Cooling Efficiency (SEER)	Any Value	8	8	8
Fuel Heating Efficiency (% AFUE)	Any Value	78	78	78
Elec Heating Efficiency (COP)	Any Value	NA	NA	NA
Ventilation Rate	1 - CFM Per Person 2 - CFM Per Sq Ft of Floor Space	None	None	None
Duct Leakage (CFM/100sqft)	Any Value	15	15	0
Duct Location		Attic	Attic	Conditioned Space
Duct Insulation (R-Value)		2	2	2
Thermostat	1 - Manual 2 - Programmable	manual	manual	manual
Lighting		Incadescent	Incadescent	Incadescent
Appliances		Standard Efficeincy	Standard Efficeincy	Standard Efficeincy
Domestic Hot Water	**Options**			
DHW Fuel Type	1 - Oil 2 - Gas 3 - Electric	Gas	Gas	Gas
DHW Capacity in Gallons	Any Value	40	40	40
Energy Factor	Any Value	0.56	0.56	0.56

DOE-2 Commercial Modeling Baselines

		Office-Large	Warehouse	Education	Retail - Large	Retail - Small	Office-Small
Architectural Information	**Options**						
Total Floor Area	Any Value	91,000	21,295	58,529	100,000	10,000	8,236
Square Feet per Floor	Any Value	9,100	10,648	29,265	100,000	10,000	4,118
Number of Stories	Any Value	10	2	2	1	1	2
Aspect Ratio		2:1	2:1	2:1	2:1	1:2	2:1
Window Distribution (Front, Back, Left, Right)	Any Distribution	Even	Even	Even	85%:5%:5%:5%	85%:5%:5%:5%	Even
Window Area to Wall Area Ratio	Any Value	25%	2%	15%	25%	25%	25%
Occupancy in Sq Ft Per Person	Any Value	150	1000	75	50	50	125
Locations	Any TMY2 Weather Location	Chicago, Moline, Rockford	Chicago, Moline, Rockford	Chicago, Moline, Rockford	Chicago, Moline, Rockford	Chicago, Moline, Rockford	Chicago, Moline, Rockford
Shell Information	**Options**						
Wall Type	1 - Mass Bldg 2 - Metal Bldg 3 - Steel Frame 4 - Wood Frame & Other	Steel Frame	Mass (Concrete)	Steel Frame	Steel Frame	Steel Frame	Steel Frame
Wall Insulation R-value	Any Value	11	11	13	11	11	11
Wall Sheathing R-value	Any Value	1	1	1	1	1	1
Door R-Value	Any Value	2	2	2	2	2	2
Roof Solar Absorptivity	Any Value	0.8	0.8	0.8	0.8	0.8	0.8
Floor to Floor Height	Any Value	12	18	12	12	12	12
Ceiling Type	1 - Insulation Entirely Above Deck 2 - Metal Building 3 - Attic and Other	Above Deck	Above Deck	Above Deck	Above Deck	Above Deck	Above Deck
Ceiling Insulation R-Value	Any Value	15	15	15	15	15	15
Slab/Floor Insulation R-Value	Any Value	0 / 19	5 / 0	5 / 0	0 / 19	0 / 19	0 / 19
Window U-Value	Any Value	0.66	0.66	0.66	0.66	0.66	0.66
Window SHGC	Any Value	0.5	0.5	0.5	0.5	0.5	0.5
Infiltration Air Change Rate per Hour	Any Value	NA	0.5	0.5	0.2	0.5	0.2
Systems Information	**Options**						
System Type	1 - Commercial Chiller and Boiler 2 - Packaged AC with Gas Furnace 3 - Packaged AC with Boiler 4 - Packaged Heatpump 5 - Split AC with Furnace 6 - Split Heatpump 7 - PTAC with Boiler 8 - PTAC with Gas Furnace 9 - PTAC with Electric	Chiller and Boiler	Packaged Gas and AC	Chiller and Boiler	Packaged Gas and AC	Packaged Gas and AC	Packaged Gas and AC
Cooling Capacity in Tons	Any Value	Auto Sized	Auto Sized	Auto Sized	Auto Sized	Auto Sized	Auto Sized
Cooling Efficiency (kW/ton or EER)	Any Value	0.75	9	0.75	9	9	9
Fuel Heating Efficiency (AFUE or COP)	Any Value	0.8	0.75	0.8	0.75	0.75	0.75
Elec Heating Efficiency (COP)	Any Value	NA	NA	NA	NA	NA	NA
Fan Type	1 - Constant Volume 2 - Variable Volume	Constant Volume	Constant Volume	Constant Volume	Constant Volume	Constant Volume	Constant Volume
Ventilation Rate (% OA)	1 - CFM Per Person 2 - CFM Per Sq Ft of Floor Space	15	10	15	10	10	15
Duct Loss	Any Value	5%	5%	5%	5%	5%	5%
Energy Management System	1 - Manual 2 - Programmable	Manual	Manual	Manual	Manual	Manual	Manual
Lighting Density, W Per Sq Ft	Any Value	1.8	1.2	1.8	3	3	1.5
Misc. Equipment Loads, W Per Sq Ft	Any Value	0.8	0.5	0.5	0.5	0.5	0.80
Sensible Occupant Loads, Btu Per Hr	Any Value	250	275	250	250	250	245
Latent Occupant Loads, Btu Per Hr	Any Value	155	475	200	200	200	155
Domestic Hot Water	**Options**						
DHW Fuel Type	1 - Oil 2 - Gas 3 - Electric	Gas	Gas	Gas	Gas	Gas	Gas
DHW Capacity in Gallons	Any Value	243	9	312	800	80	26
AFUE / Energy Factor	Any Value	0.8	0.55	0.8	0.55	0.55	0.55

DOE-2 Commercial Modeling Baselines

		Assembly	Food Sales	Food Service	Lodging - Hotel	Lodging - Motel	Health Care
Architectural Information	**Options**						
Total Floor Area	Any Value	12,160	3,800	6,060	150,000	60,000	148,200
Square Feet per Floor	Any Value	6,080	3,800	6,060	30,000	30,000	37,050
Number of Stories	Any Value	2	1	1	5	2	4
Aspect Ratio		2:1	2:1	2:1	6:1	8:1	1:1
Window Distribution (Front, Back, Left, Right)	Any Distribution	Even	Even	Even	Even	Even	Even
Window Area to Wall Area Ratio	Any Value	10%	20%	20%	25%	25%	25%
Occupancy in Sq Ft Per Person	Any Value	35	125	40	125	125	67
Locations	Any TMY2 Weather Location	Chicago, Moline, Rockford	Chicago, Moline, Rockford	Chicago, Moline, Rockford	Chicago, Moline, Rockford	Chicago, Moline, Rockford	Chicago, Moline, Rockford
Shell Information	**Options**						
Wall Type	1 - Mass Bldg 2 - Metal Bldg 3 - Steel Frame 4 - Wood Frame & Other	Steel Frame	Steel Frame	Steel Frame	Steel Frame	Steel Frame	Steel Frame
Wall Insulation R-value	Any Value	11	11	11	11	11	11
Wall Sheathing R-value	Any Value	1	1	1	1	1	1
Door R-Value	Any Value	2	2	2	2	2	2
Roof Solar Absorptivity	Any Value	0.8	0.8	0.8	0.8	0.8	0.8
Floor to Floor Height	Any Value	12	12	12	12	12	12
Ceiling Type	1 - Insulation Entirely Above Deck 2 - Metal Building 3 - Attic and Other	Above Deck	Above Deck	Above Deck	Above Deck	Above Deck	Above Deck
Ceiling Insulation R-Value	Any Value	15	15	15	15	15	15
Slab/Floor Insulation R-Value	Any Value	0 / 19	0 / 19	0 / 19	0 / 19	0 / 19	0 / 19
Window U-Value	Any Value	0.66	0.66	0.66	0.66	0.66	0.66
Window SHGC	Any Value	0.5	0.5	0.5	0.5	0.5	0.5
Infiltration Air Change Rate per Hour	Any Value	NA	0.2	0.2	NA	0.2	NA
Systems Information	**Options**						
System Type	1 - Commercial Chiller and Boiler 2 - Packaged AC with Gas Furnace 3 - Packaged AC with Boiler 4 - Packaged Heatpump 5 - Split AC with Furnace 6 - Split Heatpump 7 - PTAC with Boiler 8 - PTAC with Gas Furnace 9 - PTAC with Electric	Packaged Gas and AC	Packaged Gas and AC	Packaged Gas and AC	Chiller and Boiler	PTH	Chiller and Boiler
Cooling Capacity in Tons	Any Value	Auto Sized	Auto Sized	Auto Sized	Auto Sized	Auto Sized	Auto Sized
Cooling Efficiency (kW/ton or EER)	Any Value	9	9	9	0.75	7	0.75
Fuel Heating Efficiency (AFUE or COP)	Any Value	0.75	0.75	0.75	0.8	NA	0.8
Elec Heating Efficiency (COP)	Any Value	NA	NA	NA	NA	1.5	NA
Fan Type	1 - Constant Volume 2 - Variable Volume	Constant Volume	Constant Volume	Constant Volume	Constant Volume	Constant Volume	Constant Volume
Ventilation Rate (% OA)	1 - CFM Per Person 2 - CFM Per Sq Ft of Floor Space	15	10	10	7.5	7.5	15
Duct Loss	Any Value	5%	5%	5%	5%	0%	5%
Energy Management System	1 - Manual 2 - Programmable	Manual	Manual	Manual	Manual	Manual	Manual
Lighting Density, W Per Sq Ft	Any Value	1.5	1.75	1.75	1.75	1.75	1.5
Misc. Equipment Loads, W Per Sq Ft	Any Value	0.5	2	2	0.50	0.50	2.00
Sensible Occupant Loads, Btu Per Hr	Any Value	245	250	275	245	245	245
Latent Occupant Loads, Btu Per Hr	Any Value	105	200	275	155	155	200
Domestic Hot Water	**Options**						
DHW Fuel Type	1 - Oil 2 - Gas 3 - Electric	Gas	Gas	Gas	Gas	Gas	Gas
DHW Capacity in Gallons	Any Value	139	12	61	480	192	885
AFUE / Energy Factor	Any Value	0.55	0.55	0.55	0.8	0.55	0.8

DOE-2 Commercial Modeling Baselines

		Base New construction Office-Large	Comprehensive Upgrade Measure Office-Large	ASHRAE 90.1 Office-Large
Architectural Information	**Options**			
Total Floor Area	Any Value	91,000	91,000	91,000
Square Feet per Floor	Any Value	9,100	9,100	9,100
Number of Stories	Any Value	10	10	10
Aspect Ratio		2:1	2:1	2:1
Window Distribution (Front, Back, Left, Right)	Any Distribution	Even	Even	Even
Window Area to Wall Area Ratio	Any Value	25%	25%	25%
Occupancy in Sq Ft Per Person	Any Value	150	150	150
Locations	Any TMY2 Weather Location	Chicago, Moline, Rockford	Chicago, Moline, Rockford	Chicago, Moline, Rockford
Shell Information	**Options**			
Wall Type	1 - Mass Bldg 2 - Metal Bldg 3 - Steel Frame 4 - Wood Frame & Other	Steel Frame	Steel Frame	Steel Frame
Wall Insulation R-value	Any Value	13	13	13
Wall Sheathing R-value	Any Value	1	1	1
Door R-Value	Any Value	2	2	2
Roof Solar Absorptivity	Any Value	0.8	0.8	0.8
Floor to Floor Height	Any Value	12	12	12
Ceiling Type	1 - Insulation Entirely Above Deck 2 - Metal Building 3 - Attic and Other	Above Deck	Above Deck	Above Deck
Ceiling Insulation R-Value	Any Value	15	30	15
Slab/Floor Insulation R-Value	Any Value	0 / 19	0 / 19	0 / 19
Window U-Value	Any Value	0.66	0.4	0.57
Window SHGC	Any Value	0.5	0.38	0.39
Infiltration Air Change Rate per Hour	Any Value	NA	NA	NA
Systems Information	**Options**			
System Type	1 - Commercial Chiller and Boiler 2 - Packaged AC with Gas Furnace 3 - Packaged AC with Boiler 4 - Packaged Heatpump 5 - Split AC with Furnace 6 - Split Heatpump 7 - PTAC with Boiler 8 - PTAC with Gas Furnace 9 - PTAC with Electric	Chiller and Boiler	Chiller and Boiler	Chiller and Boiler
Cooling Capacity in Tons	Any Value	Auto Sized	Auto Sized	Auto Sized
Cooling Efficiency (kW/ton or EER)	Any Value	0.75	0.47	0.75
Fuel Heating Efficiency (AFUE or COP)	Any Value	0.8	0.93	0.8
Elec Heating Efficiency (COP)	Any Value	NA	NA	NA
Fan Type	1 - Constant Volume 2 - Variable Volume	Constant Volume	Constant Volume	Constant Volume
Ventilation Rate (% OA)	1 - CFM Per Person 2 - CFM Per Sq Ft of Floor Space	15	15	15
Duct Loss	Any Value	5%	5%	5%
Energy Management System	1 - Manual 2 - Programmable	Energy Management System	Energy Management System	Energy Management System
Lighting Density, W Per Sq Ft	Any Value	1.25	1	1.1
Misc. Equipment Loads, W Per Sq Ft	Any Value	0.8	0.8	0.8
Sensible Occupant Loads, Btu Per Hr	Any Value	250	250	250
Latent Occupant Loads, Btu Per Hr	Any Value	155	155	155
Domestic Hot Water	**Options**			
DHW Fuel Type	1 - Oil 2 - Gas 3 - Electric	Gas	Gas	Gas
DHW Capacity in Gallons	Any Value	243	243	243
AFUE / Energy Factor	Any Value	0.8	0.8	0.8

Appendix C: Measure Bundling

Appendix C shows how measures were bundled into programs. Below is a table showing two columns, the first is the program name, and the second shows which measures are included in that program. The table shows only the measures that passed the total resource cost test with a cost benefit ratio greater than one.

Program	Efficient Technology
Appliance Recycling Program	Freezer Recycling Refrigerator Recycling Window AC - efficient
C&I Custom	Custom Lighting
C&I New Construction	New Construction Upgrades from ASHRAE 90.1-1999 New Construction Upgrades from ASHRAE 90.1-2004
C&I Prescriptive	50W Metal Halide T8 32W Dimming El Ballast 100W Metal Halide 13 Watt Integral CFL 13 Watt Modular CFL 14 Watt Integral CFL 14 Watt Modular CFL 15 Watt Integral CFL 15 Watt Modular CFL 16 Watt Integral CFL 16 Watt Modular CFL 18 Watt Integral CFL 18 Watt Modular CFL 19 Watt Integral CFL 19 Watt Modular CFL 20 Watt Integral CFL 20 Watt Modular CFL 23 Watt Integral CFL 23 Watt Modular CFL 25 Watt Integral CFL 25 Watt Modular CFL 26 Watt Integral CFL 26 Watt Modular CFL 28 Watt Integral CFL 28 Watt Modular CFL 30 Watt Integral CFL 30 Watt Modular CFL 36 Watt Integral CFL 40 Watt Integral CFL 40 Watt Modular CFL 55 Watt Modular CFL 65 Watt Modular CFL Addition of a LT subcooler to an air-cooled multiplex Air-cooled multiplex system w/extensive refrigeration equipment maintenance Ambient following SCT setpoint, 70°F minimum Ambient following SCT setpoint, 70°F minimum, variable-spd condenser fan Ceiling Mounted Motion Sensor Computer Power Management Connectionless Steamer Cycle fan off with thermostat; duty cycle occasionally when off De-lamp from 4', 4 lamp/fixture De-lamp from 8', 4 lamp/fixture Efficient Air-Cooled 1001-1500 lbs/day Efficient Air-Cooled 201-300 lbs/day Efficient Air-Cooled 301-400 lbs/day Efficient chiller Efficient packaged AC Electroluminescent Exit Sign (New) Electroluminescent Exit Sign Retrofit Kit Eliminate anti-sweat heaters from doors

Program	Efficient Technology
C&I Prescriptive	Floating SCT controlled to 70°F Floating SST control on LT and MT suction groups High Bay T5 (4L4' F28T5/HO) High Pressure Sodium 200 W Hot Food Holding Cabinet Install automatic door closer on walk-in freezer doors LED Exit Sign (New) LED Exit Sign Retrofit Kit LED Pedestrian Signal LED Traffic Signal Low Pressure Sodium 180 W Metal Halide 175 W PS Metal Halide 250 W PS Occ-Sensor - Wall box Premium Efficiency Motor - 10 HP Premium Efficiency Motor - 100 HP Premium Efficiency Motor - 15 HP Premium Efficiency Motor - 150 HP Premium Efficiency Motor - 20 HP Premium Efficiency Motor - 200 HP Premium Efficiency Motor - 25 HP Premium Efficiency Motor - 5 HP Premium Efficiency Motor - 50 HP Premium T8 El Ballast Reduce design SCT by ~5°F and improve efficiency Replace multiplex air-cooled condenser with evaporative condenser Substitute high efficiency motors for standard efficiency Turn off fixture lights when store closed Upgrade from 53 Btu/Watt @ 10°F TD to 85 Btu/Watt Variable speed drive for chilled water loop Variable speed drive for hot water loop VAV box retrofit on constant volume system Vending Machine Controller Wetbulb following SCT setpoint, 70°F minimum Wetbulb following SCT setpoint, 70°F minimum, variable-spd condenser fan 2 4' T8 32 watt lamps with EB 2 4' Super T8 28 watt lamps with EB 1 4' T8 32 watt lamps with EB and reflector 2 4' T8 32 watt lamps with EB with dimming system 2 4' T8 32 watt lamps with EB with occupancy sensors 2 8' T8 59 watt lamps with EB 2 8' Super T8 59 watt lamps with EB 1 8' T8 59 watt lamps with EB and reflector 2 8' T8 59 watt lamps with EB with dimming system 2 8' T8 59 watt lamps with EB with occupancy sensors 2 1-lamp F32T8 with EB and CFL Task Light 2 1-lamp Super T8s with high-power EB
C&I Retrocommissioning	Chilled Water Loop temperature control Dirty Air-cooled condenser coils are cleaned Hot Water Loop temperature control time clocks control packaged system operation
DCEO Lights for Learning	13W capsule 15W CFL 15W CFL daylight 16W CFL reflector 20W CFL 20W CFL daylight 25W CFL
	Lights for Learning CFL
DCEO Low Income Direct Install	12 CFLs at 3 hours per day WindowAir Conditioner - ENERGY STAR

Program	Efficient Technology
DCEO Low Income EE Moderate Rehab (MF)	90% AFUE furnace w/ efficient air handler New Home 6 indoor + 2 outdoor CFLs WindowAir Conditioner - ENERGY STAR
DCEO Low Income New Const. Gut Rehab	Air Conditioner - SEER 14 + Programmable Thermostat New Home 6 indoor + 2 outdoor CFLs
DCEO Public Retrocommissioning	Chilled Water Loop temperature control Dirty Air-cooled condenser coils are cleaned Hot Water Loop temperature control time clocks control packaged system operation
DCEO Public Sector Customized Program	Public Sector Custom - Efficient Technologies
DCEO Public Sector Prescriptive	50W Metal Halide 13 Watt Integral CFL 13 Watt Modular CFL 14 Watt Integral CFL 14 Watt Modular CFL 15 Watt Integral CFL 15 Watt Modular CFL 16 Watt Integral CFL 16 Watt Modular CFL 18 Watt Integral CFL 18 Watt Modular CFL 19 Watt Integral CFL 19 Watt Modular CFL 20 Watt Integral CFL 20 Watt Modular CFL 23 Watt Integral CFL 23 Watt Modular CFL 25 Watt Integral CFL 25 Watt Modular CFL 26 Watt Integral CFL 26 Watt Modular CFL 28 Watt Integral CFL 28 Watt Modular CFL 30 Watt Integral CFL 30 Watt Modular CFL 36 Watt Integral CFL 40 Watt Integral CFL 40 Watt Modular CFL 55 Watt Modular CFL 65 Watt Modular CFL De-lamp from 4', 4 lamp/fixture De-lamp from 8', 4 lamp/fixture Electroluminescent Exit Sign (New) Electroluminescent Exit Sign Retrofit Kit LED Exit Sign (New) LED Exit Sign Retrofit Kit Occ-Sensor - Wall box Premium T8 EI Ballast Variable speed drive for chilled water loop Variable speed drive for hot water loop VAV box retrofit on constant volume system 2 4' Super T8 28 watt lamps with EB 1 4' T8 32 watt lamps with EB and reflector 2 8' Super T8 59 watt lamps with EB
DCEO Single Family Rehab	90% AFUE furnace w/ efficient air handler Air Conditioner - SEER 16 + Programmable Thermostat WindowAir Conditioner - ENERGY STAR
Nature First Expansion	Load control switch
Residential AC Tuneup	Refigeration Charge Reg. (100% SEER value - 10.16 SEER)
Residential Advanced Lighting	New Home Advanced Lighting Package

Program	Efficient Technology
Residential Appliances	Efficient Single Speed Pool Pump Efficient Two Speed Pool Pump Energy Star Clothes Washer - 2.65 cf Energy Star Clothes Washer - 3.5 cf Refrigerator: Bottom Mount Freezer Refrigerator: Top Mount Freezer
Residential Lighting	13 Watt Integral CFL 14 Watt Integral CFL 15 Watt Integral CFL 16 Watt Integral CFL 18 Watt Integral CFL 19 Watt Integral CFL 20 Watt Integral CFL 20W CFL Table Lamp 23 Watt Integral CFL 25 Watt Integral CFL 25W CFL Table Lamp 26 Watt Integral CFL 28 Watt Integral CFL 30 Watt Integral CFL 30W CFL Table Lamp 36 Watt Integral CFL 40 Watt Integral CFL 55 Watt Modular CFL 55W CFL Table Lamp 55W CFL Torchiere 70W CFL Torchiere (two LAMPs) Christmas Lights LED C7 - 25 count Christmas Lights LED C9 - 25 count
Residential Multifamily "All Electric" Sweep	18 Watt Integral CFL DHW wrap R-4 Electroluminescent Exit Sign (New) Electroluminescent Exit Sign Retrofit Kit Faucet aerators LED Exit Sign (New) LED Exit Sign Retrofit Kit Low Flow Shower Heads Occ-Sensor - Wall box 2 4' T8 32 watt lamps with EB 2 4' Super T8 28 watt lamps with EB 1 4' T8 32 watt lamps with EB and reflector 2 4' T8 32 watt lamps with EB with occupancy sensors 2 8' Super T8 59 watt lamps with EB 1 8' T8 59 watt lamps with EB and reflector
Residential New HVAC	14 SEER (11.99 EER) Split-System Air Conditioner Refigeration Charge Reg. (100% SEER value - 10.16 SEER) Sizing (115%)
Single Family Home Performance	DHW wrap R-4 Hot Water Pipe Insulation Low Flow Shower Heads
Small C&I CFL Intro Kit	13 Watt Integral CFL 19 Watt Integral CFL 25 Watt Integral CFL
DCEO Public Sector New Constr	1 LEED Point (11% above code) 2 LEED Points (14% above code) 4 LEED Points (21% above code) 5 LEED Points (25% above code) 7 LEED Points (32% above code) 0 LEED Points (10% above code) 1 LEED Point (15% above code) 2 LEED Points (20% above code) 3 LEED Points (25% above code) 4 LEED Point (30% above code)

Appendix D: Program Documentation

Appendix D contains a listing of each program, including the participation, the costs broken down by incentive, administration, marketing, and implementation, and two verification variables, the realization rate and net-to-gross ratio. The program's total resource cost result is also shown. Sources and a brief explanation of program design and assumptions are included as well.

Single Family Home Performance						
	2008	2009	2010	Total		Source
Participation (Homes)	0	2,000	3,500	5,500		
Participation % of Baseline	0.0%	2.3%	4.1%			**Baseline data: ComEd**
Incentive Costs	$0	$250,000	$430,000	$680,000		
Admin Costs	$0	$74,000	$130,000	$200,000	30%	**LIPA Program Data**
Marketing Costs	$0	$74,000	$130,000	$200,000	30%	
Implementation Costs	$0	$170,000	$300,000	$470,000	70%	
Total Non-Incentive Costs	$0	$320,000	$560,000	$880,000		
Total Program Costs	$0	$570,000	$990,000	$1,560,000		
Realization Rate	0.95					**ICF Assumption**
Net-to-Gross Ratio	0.8					**CA Energy Efficiency Policy Manual**
Program TRC Result	1.04					

Notes: The baseline for this program is the number of single family attached and detached homes in the ComEd territory, as provided by ComEd. Participation is based on best practice program data and ComEd program goals (number of homes upgraded). Costs for administration, marketing, and implementation are based on a percentage of the incentive costs, and are based on program data from Long Island Power Authority, as well as ICF and ComEd discussion. Realization rate of 95% accounts for installations that do not produce expected energy savings, such as improperly applied hot water tank wraps or pipe wraps. The net to gross ratio of 80% is drawn from the California Energy Efficiency Policy Manual version 2 (2003).

Residential AC Tuneup						
	2008	2009	2010	Total		Source
Participation (Homes)	0	6,500	16,000	23,000		
Participation % of Baseline	0.0%	4.3%	10.6%			**Baseline data: ComEd**
Incentive Costs	$0	$790,000	$1,970,000	$2,750,000		
Admin Costs	$33,000	$160,000	$390,000	$580,000	20%	**Arizona Public Service, E.ON Energy, ICF**
Marketing Costs	$33,000	$160,000	$390,000	$580,000	20%	
Implementation Costs	$33,000	$160,000	$390,000	$580,000	20%	
Total Non-Incentive Costs	$100,000	$470,000	$1,180,000	$1,750,000		
Total Program Costs	$100,000	$1,260,000	$3,150,000	$4,510,000		
Realization Rate	0.95					**ICF Assumption**
Net-to-Gross Ratio	0.8					**CA Energy Efficiency Policy Manual**
Program TRC Result	1.17					

Notes: The baseline for this program is the number of homes in the ComEd territory, as provided by ComEd. Participation is based on best practice program data and ComEd program goals (number of improved ACs). Costs for administration, marketing, and implementation are based on a percentage of the incentive costs, and are based on program data from Arizona Public Service, E.ON Energy, as well as ICF and ComEd discussion. Realization rate of 95% accounts for installations that do not produce expected energy savings, such as units that are not correctly tuned up. The net to gross ratio of 80% is drawn from the California Energy Efficiency Policy Manual, version 2 (2003).

Appliance Recycling Program						
	2008	2009	2010	Total		Source
Participation (Units)	14,000	31,000	41,000	86,000		
Participation % of Baseline	2.0%	4.5%	6.0%			**Baseline data: ComEd**
Incentive Costs	$660,000	$1,490,000	$1,980,000	$4,130,000		
Admin Costs	$330,000	$740,000	$990,000	$2,060,000	50%	**E-Source report (2007) and JACO Industry Data**
Marketing Costs	$330,000	$740,000	$990,000	$2,060,000	50%	
Implementation Costs	$790,000	$1,780,000	$2,380,000	$4,950,000	120%	
Total Non-Incentive Costs	$1,450,000	$3,270,000	$4,360,000	$9,080,000		
Total Program Costs	$2,110,000	$4,750,000	$6,340,000	$13,200,000		
Realization Rate	0.95					**ICF Assumption**
Net-to-Gross Ratio	0.35 fridges; 0.54 freezers and window A/C units					**CA Energy Efficiency Policy Manual & ICF Assumption**
Program TRC Result	1.35					

Notes: The baseline for this program is the number of homes in the ComEd territory that are estimated to have secondary refrigerators, freezers, or air conditioning units. Baseline data, the number of single family detached homes, was provided by ComEd, and Midwest Energy Efficiency Alliance provided number of homes with secondary units in Illinois. Participation was based on best practice program data and ComEd program goals (number of units). Costs for administration, marketing, and implementation were based on a percentage of the incentive costs, and were determined an E-Source report (Kolwey, Neil; EDRP-F5, April 2006) conversations with JACO, as well as ICF and ComEd discussion. Realization rate of 95% accounts for removals that do not produce expected energy savings. The net to gross ratios of 35% for second fridges and 54% for second freezers was drawn from the California Energy Efficiency Policy Manual, version 2 (2003). The 54% ratio was also applied to window A/C units, by ICF Assumption.

Residential Lighting						
	2008	2009	2010	Total		Source
Participation (CFLs)	2,520,000	4,190,000	4,950,000	11,650,000		
Participation % of Baseline	3.3%	5.5%	6.5%			**Baseline data: ComEd**
Incentive Costs	$4,860,000	$8,090,000	$9,560,000	$22,510,000		
Admin Costs	$240,000	$400,000	$480,000	$1,130,000	5%	**Connecticut Power & Light Program Data**
Marketing Costs	$1,120,000	$1,860,000	$2,200,000	$5,180,000	23%	
Implementation Costs	$970,000	$1,620,000	$1,910,000	$4,500,000	20%	
Total Non-Incentive Costs	$2,330,000	$3,880,000	$4,590,000	$10,810,000		
Total Program Costs	$7,190,000	$11,980,000	$14,150,000	$33,320,000		
Realization Rate	0.95					**ICF Assumption**
Net-to-Gross Ratio	0.8					**CA Energy Efficiency Policy Manual**
Program TRC Result	2.90					

Notes: The baseline for this program is the number of homes in the ComEd territory, as provided by ComEd. Participation is based on best practice program data and ComEd program goals (number of CFLs distributed). Costs for administration, marketing, and implementation are based on a percentage of the incentive costs, and are based on program data from Connecticut Power & Light. Realization rate of 95% accounts for installations that do not produce expected energy savings, such as using CFLs to replace burned out CFLs. The net to gross ratio of 80% is drawn from the California Energy Efficiency Policy Manual, version 2 (2003).

Residential Multifamily "All Electric" Sweep						
	2008	2009	2010	Total		Source
Participation (Homes)	3,300	3,300	3,300	9,900		
Participation % of Baseline	3.0%	3.0%	3.0%			**Baseline data: ComEd**
Incentive Costs	$350,000	$350,000	$350,000	$1,040,000		
Admin Costs	$140,000	$140,000	$140,000	$410,000	40%	**ICF, ComEd**
Marketing Costs	$140,000	$140,000	$140,000	$410,000	40%	
Implementation Costs	$140,000	$140,000	$140,000	$410,000	40%	
Total Non-Incentive Costs	$410,000	$410,000	$410,000	$1,240,000		
Total Program Costs	$760,000	$760,000	$760,000	$2,280,000		
Realization Rate	0.95					**ICF Assumption**
Net-to-Gross Ratio	0.8					**CA Energy Efficiency Policy Manual**
Program TRC Result	1.33					

Notes: The baseline for this program is the number of all electric multifamily units in the ComEd territory, as provided by ComEd. Participation is based on best practice program data and ComEd program goals (number of homes). Costs for administration, marketing, and implementation are based on a percentage of the incentive costs are based on ICF and ComEd discussion. Realization rate of 95% accounts for installations that do not produce expected energy savings, such as improperly applied hot water tank wraps or pipe wraps. The net to gross ratio of 80% is drawn from the California Energy Efficiency Policy Manual, version 2 (2003).

Residential New HVAC						
	2008	2009	2010	Total		Source
Participation (Units)	0	17,000	44,000	61,000		
Participation % of Baseline	0.0%	11.0%	27.5%			**Baseline data: ComEd**
Incentive Costs	$0	$2,640,000	$6,580,000	$9,220,000		
Admin Costs	$0	$530,000	$1,320,000	$1,840,000	20%	**LIPA Program Data**
Marketing Costs	$0	$530,000	$1,320,000	$1,840,000	20%	
Implementation Costs	$0	$790,000	$1,970,000	$2,770,000	30%	
Total Non-Incentive Costs	$0	$1,850,000	$4,610,000	$6,450,000		
Total Program Costs	$0	$4,480,000	$11,190,000	$15,670,000		
Realization Rate	0.95					**ICF Assumption**
Net-to-Gross Ratio	0.8					**CA Energy Efficiency Policy Manual**
Program TRC Result	1.11					

Notes: The baseline for this program is the number of new air conditioners purchased annually in the ComEd territory, estimated from data provided by ComEd and the American Housing Survey. Participation is based on best practice program data and ComEd program goals (number of units installed). Costs for administration, marketing, and implementation are based on a percentage of the incentive costs, and are based on program data from Long Island Power Authority , as well as ICF and ComEd discussion. Realization rate of 95% accounts for installations that do not produce expected energy savings, such as units that are not correctly charged or installed. The net to gross ratio of 80% is drawn from the California Energy Efficiency Policy Manual, version 2 (2003).

Residential Advanced Lighting						
	2008	2009	2010	Total		Source
Participation (Homes)	0	60	130	190		
Participation % of Baseline	0.0%	2.0%	4.0%			**Baseline data: ComEd, ICF/EnergyStar**
Incentive Costs	$0	$8,300	$17,000	$25,000		
Admin Costs	$0	$6,200	$12,000	$19,000	75%	**Xcel Energy and WE Energies Program Data**
Marketing Costs	$0	$6,200	$12,000	$19,000	75%	
Implementation Costs	$0	$8,300	$17,000	$25,000	100%	
Total Non-Incentive Costs	$0	$21,000	$41,000	$62,000		
Total Program Costs	$0	$29,000	$58,000	$87,000		
Realization Rate	0.95					**ICF Assumption**
Net-to-Gross Ratio	0.8					**CA Energy Efficiency Policy Manual**
Program TRC Result	1.11					

Notes: The baseline for this program is the number of new homes in the ComEd territory, provided by ComEd and information from ICF and the Energy Star New Homes Program that new home construction is 0.14% of the number of existing homes. Participation is based on best practice program data and ComEd program goals (number of homes). Costs for administration, marketing, and implementation are based on a percentage of the incentive costs, and are based on program data from Xcel Energy and WE Energy. Realization rate of 95% accounts for installations that do not produce the expected energy savings, for instance where CFLs might be replaced with traditional bulb. The net to gross ratio of 80% is drawn from the California Energy Efficiency Policy Manual, version 2 (2003).

Nature First Expansion						
	2008	2009	2010	Total		Source
Participation (Homes)	8,100	7,700	6,900	23,000		
Participation % of Baseline	0.4%	0.4%	0.3%			**Baseline data: ComEd**
Incentive Costs						
Admin Costs						**ComEd**
Marketing Costs						
Implementation Costs						
Total Non-Incentive Costs						
Total Program Costs	$790,000	$990,000	$1,180,000	$2,960,000		
Realization Rate	1					**ComEd**
Net-to-Gross Ratio	1					**ComEd**
Program TRC Result	1.05					

Notes: All program info is provided directly by Comed.

C&I Prescriptive						
	2008	2009	2010	Total		Source
Participation (Units)	120,000	240,000	390,000	740,000		
Participation % of Baseline	2.0%	4.0%	7.8%			**Baseline data: KEMA**
Incentive Costs	$4,650,000	$9,300,000	$18,020,000	$31,970,000		
Admin Costs	$460,000	$930,000	$1,800,000	$3,200,000	10%	**California Statewide, Nevada Power, and WE Energies Program Data**
Marketing Costs	$460,000	$930,000	$1,800,000	$3,200,000	10%	
Implementation Costs	$1,390,000	$2,790,000	$5,410,000	$9,590,000	30%	
Total Non-Incentive Costs	$2,320,000	$4,650,000	$9,010,000	$15,980,000		
Total Program Costs	$6,970,000	$13,950,000	$27,030,000	$47,950,000		
Realization Rate	0.95					**ICF Assumption**
Net-to-Gross Ratio	0.8					**CA Energy Efficiency Policy Manual**
Program TRC Result	1.25					

Notes: The baseline for this program is the number of base efficiency technology installations (such as number of T-12 fixtures, number of inefficient motors, etc.) in the ComEd territory, as estimated from a study by KEMA Colorado, with data weighted by EIA building data for the East North Central region. Participation is based on best practice program data and ComEd program goals (number of units). Incentive costs are set in two ways. For linear flourescent lighting, CFLs, and motors, incentive level was set to specific values based on program data (PG&E, Nevada Power, and WE Energies) and ComEd program design goals. For all other measures, incentive level was calculated to reduce measure payback to 2 years. Costs for administration, marketing, and implementation are based on a percentage of the incentive costs, and are based on program data from a California Statewide report, Nevada Power, and WE Energies, as well as ICF and ComEd discussion. Realization rate of 95% accounts for installations that do not produce expected energy savings. The net to gross ratio of 80% is drawn from the California Energy Efficiency Policy Manual, version 2 (2003).

C&I Retrocommissioning						
	2008	2009	2010	Total		Source
Participation (Projects)	50	270	450	760		
Participation % of Baseline	0.4%	2.3%	3.8%			**Baseline data: KEMA**
Incentive Costs	$220,000	$1,270,000	$2,150,000	$3,640,000		
Admin Costs	$65,000	$380,000	$650,000	$1,090,000	30%	**Connecticut Light & Power, ICF**
Marketing Costs	$65,000	$380,000	$650,000	$1,090,000	30%	
Implementation Costs	$65,000	$380,000	$650,000	$1,090,000	30%	
Total Non-Incentive Costs	$190,000	$1,150,000	$1,940,000	$3,280,000		
Total Program Costs	$410,000	$2,420,000	$4,090,000	$6,920,000		
Realization Rate	0.95					**ICF Assumption**
Net-to-Gross Ratio	0.8					**CA Energy Efficiency Policy Manual**
Program TRC Result	1.11					

Notes: The baseline for this program is the number of base efficiency technology installations (such as number of air handlers) in the ComEd territory, as estimated from a study by KEMA Colorado, with data weighted by EIA building data for the East North Central region. Participation is based on best practice program data and ComEd program goals (number of units). Costs for administration, marketing, and implementation are based on a percentage of the incentive costs, and are based on Connecticut Light & Power program data, as well as ICF and ComEd discussion. Realization rate of 95% accounts for installations that do not produce the expected energy savings. The net to gross ratio of 80% is drawn from the California Energy Efficiency Policy Manual, version 2 (2003).

Small C&I CFL Intro Kit						
	2008	2009	2010	Total		Source
Participation (CFLs)	100,000	0	0	100,000		
Participation % of Baseline	2.6%	0.0%	0.0%			**Baseline data: KEMA**
Incentive Costs	$400,000	$0	$0	$400,000		
Admin Costs	$120,000	$0	$0	$120,000	30%	**ICF Assumption**
Marketing Costs	$120,000	$0	$0	$120,000	30%	
Implementation Costs	$120,000	$0	$0	$120,000	30%	
Total Non-Incentive Costs	$360,000	$0	$0	$360,000		
Total Program Costs	$760,000	$0	$0	$760,000		
Realization Rate	0.95					**ICF Assumption**
Net-to-Gross Ratio	0.8					**CA Energy Efficiency Policy Manual**
Program TRC Result	2.07					

Notes: The baseline for this program is the number of CFL installation opportunities in Small C&I buildings in the ComEd territory, as estimated from a study by KEMA Colorado, with data weighted by EIA building data for the East North Central region. Participation is set to reach 100,000 introductory kits delivered. Costs for administration, marketing, and implementation are based on a percentage of the incentive costs, and are based on ICF assumption. Realization rate of 95% accounts for installations that do not produce the expected energy savings. The net to gross ratio of 80% is drawn from the California Energy Efficiency Policy Manual, version 2 (2003).

C&I Custom						
	2008	2009	2010	Total		Source
Participation (Projects)	110	410	530	1,000		
Participation % of Baseline	0.7%	2.9%	3.7%			**Baseline data: ComEd**
Incentive Costs	$1,630,000	$6,740,000	$8,660,000	$17,030,000		
Admin Costs	$410,000	$1,690,000	$2,160,000	$4,260,000	25%	**WE Energies Program Data**
Marketing Costs	$81,000	$340,000	$430,000	$850,000	5%	
Implementation Costs	$410,000	$1,690,000	$2,160,000	$4,260,000	25%	
Total Non-Incentive Costs	$900,000	$3,710,000	$4,760,000	$9,370,000		
Total Program Costs	$2,520,000	$10,450,000	$13,420,000	$26,400,000		
Realization Rate	0.95					**ICF Assumption**
Net-to-Gross Ratio	0.8					**CA Energy Efficiency Policy Manual**
Program TRC Result	2.10					

Notes: The baseline for this program is the energy (kWh) consumed in ComEd's territory in 2006, provided by ComEd, and weighted among industrial users using EIA data. Participation is based on best practice program data and ComEd program goals (number of kWh saved). Incentive costs are set to $0.07/kWh, based on program data from Southern California Edison. Costs for administration, marketing, and implementation are based on a percentage of the incentive costs, and are estimated using WE Energies program data, as well as ICF and ComEd discussion. Realization rate of 95% accounts for installations that do not produce the expected energy savings. The net to gross ratio of 80% is drawn from the California Energy Efficiency Policy Manual, version 2 (2003).

C&I New Construction						
	2008	2009	2010	Total		Source
Participation (Buildings)	0	7	24	31		
Participation % of Baseline	0.0%	2.5%	8.0%			**Baseline data: KEMA**
Incentive Costs	$0	$330,000	$1,070,000	$1,410,000		
Admin Costs	$33,000	$50,000	$160,000	$240,000	20%	**ICF Assumption**
Marketing Costs	$33,000	$50,000	$160,000	$240,000	20%	
Implementation Costs	$33,000	$50,000	$160,000	$240,000	20%	
Total Non-Incentive Costs	$100,000	$150,000	$480,000	$730,000		
Total Program Costs	$100,000	$480,000	$1,550,000	$2,130,000		
Realization Rate	1.0					**ICF Assumption**
Net-to-Gross Ratio	0.8					**CA Energy Efficiency Policy Manual**
Program TRC Result	1.06					

Notes: The baseline for this program is the number of new large commercial buildings in the ComEd territory. Participation is based on best practice program data and ComEd program goals (number of buildings). Costs for administration, marketing, and implementation are based on a percentage of the incentive costs, and are based on ICF and ComEd discussion. Realization rate is 100% because the program is designed to work with buildings through an application and inspection process. The net to gross ratio of 80% is drawn from the California Energy Efficiency Policy Manual, version 2 (2003).

Appendix E: Uncertainty Analysis Inputs

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This Appendix documents ICF's methodology for setting the uncertainty distributions used in the risk analysis. The overall approach to the risk analysis is a subject covered in Appendix A. The uncertainties documented in this Appendix are the ones that were used to run the third and final Monte Carlo simulation, the results of which were used in the final analysis of portfolio risk. Ideally, these uncertainty distributions would be based on observations of many actual values. Unfortunately, consistent data sets do not exist that would enable us to base the distributions on observed variation of values for identical programs. Therefore, these distributions were based on subjective evaluation of the relative uncertainty associated with the source of the initial values.

E.1 Overview

As discussed in Appendix A, there were four uncertainties used in the risk analysis of the portfolio: unit energy savings estimates (annual energy use of the efficient technology minus the annual energy use of the baseline technology), projected measure installation counts, program net-to-gross ratios and program engineering verification factors. Uncertainty distributions were estimated using a process that analyzed the key factors contributing to each uncertainty at the program or measure level. Then based on the analysis of these factors, ICF set probability distributions around each uncertainty for every measure in the portfolio. To review, the table below outlines what factors ICF used to analyze each key uncertainty.

Table E-1: Factors used to analyze key portfolio uncertainties

Uncertainty	Factors used to analyze uncertainty
Unit savings	Source of the unit savings estimate (i.e. DEER) and the measure's weather sensitivity.
Projected installations	Program's ability to get measures directly installed (an education program would have a much lower ability to do this than a C&I Custom program, for example), the program participation rate, the source of the baseline measure usage rate (i.e. MEEA, KEMA), and the applicability of the baseline usage rate to the Company's portfolio.
Net-to-gross ratios	Source of the NTGR estimate, the applicability of the NTGR to the Company's program, and the uncertainty around an evaluator's ability to conduct robust impact studies on the program given the evaluation budget.

The engineering verification factor was not considered a key uncertainty because most of the evaluation risk was captured in NTGR uncertainty. ICF used its knowledge of program installation rates to estimate uncertainty around the verification factors used in the Energy Efficiency Potential Model (EEPM).

Whether the uncertainties were set at the program level, then applied to each measure in each program, as was the case with measure installations, NTGR and engineering verification factor uncertainties, or applied directly at the measure level, as was the case with unit energy savings uncertainty, ICF assigned every measure in the portfolio four uncertainties that impacted portfolio kWh savings. The total number of uncertainties used in the risk analysis was 4,792.

E.2 Quantifying portfolio uncertainties

The first step the ICF team took in setting uncertainties was quantifying their confidence in each of the factors inherent to the EEPM that contributed to key uncertainties at the measure or program level. For example, for each program net-to-gross ratio (NTGR) used in the EEPM, ICF asked the following questions:

- How confident are we that the source we used for the NTGR is reliable and accurate?
- How confident are we about the applicability of this NTGR to ComEd's program?
- Given the evaluation budget and the program's structure, how confident are we that an evaluator will be able to conduct robust impact studies?

Confidence in each factor was quantified using a discrete scale, shown in the table below, where 0.1 indicated ICF had no confidence in a factor and a 1 indicated that they had no reason to be uncertain about the factor. Confidence levels were set for lower and upper bounds around each factor.

Table E-2: Uncertainty factor confidence scale

Confidence Value	Description
0.1	not confident
0.5	neither confident, nor "not confident" (best guess)
0.75	confident
0.9	very confident
1	no reason to be uncertain

Once confidence was quantified for each factor contributing to an uncertainty, ICF weighed each factor based on their assessment of each factor's importance in its contribution to the uncertainty. Finally, ICF calculated the uncertainty as one minus the weighted average of their confidence in each factor contributing to the uncertainty. For example, ICF quantified their uncertainty in projected measure installations for the Residential New HVAC Program as shown in the table below.

Table E-3: Example calculation of weighted installation uncertainty

Uncertainty Factor	Lower Bound Confidence	Upper Bound Confidence	Factor Weight
Baseline participation source confidence	0.9	0.9	4
Applicability of baseline source to ComEd's portfolio confidence	0.9	0.9	3
Program ability to install confidence	0.75	0.75	1
Hardwired participation rate confidence	0.9	1	5
Weighted Confidence	**0.89**	**0.93**	
Weighted Uncertainty	**0.11**	**0.07**	

ICF and ComEd estimated, using the EEPM, that the Residential New HVAC program will properly charge with refrigerant 19,753 new residential AC units in detached single family homes over three years. According to ICF's uncertainty analysis, the program may actually charge somewhere between 17,580 and 21,956 (inclusive) new residential AC units over three years.

The factor weights for baseline participation source, applicability of the baseline source and the hardwired participation rate were established based on ICF's professional judgment. These weights did not vary across measures in the portfolio. The weight on the program's ability to install measures was based on the program's projected contribution to overall portfolio energy savings over three years (these weights, by program, are the same weights shown below in

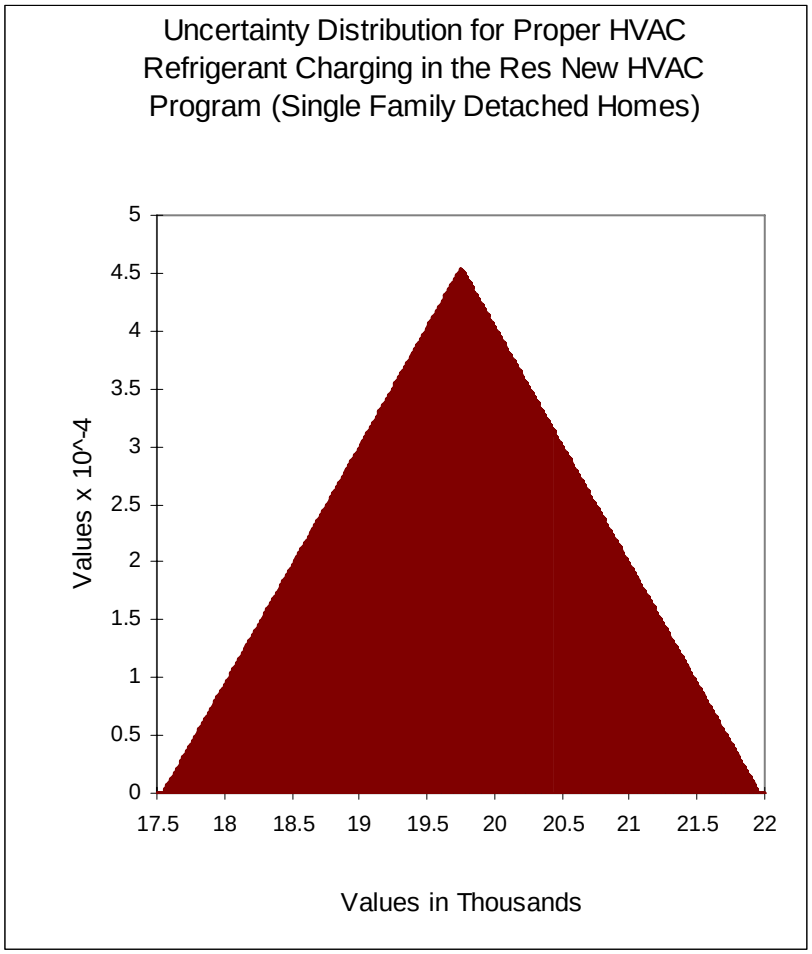
Table 9--"Evaluation Confidence Weight"). In the case of the Residential HVAC Program, this weight is low because the program is projected to contribute a small amount to overall portfolio savings.

Factor weights varied between 0 and 5 in the analysis.

Distribution shapes

ICF used triangular probability distributions for the uncertainties in the risk analysis. The main reason ICF used this distribution shape is that data was not available to support the used of fitted uncertainty distributions, nor did ICF have any evidence that the uncertainties were normally distributed. Triangular distributions are set in @RISK using minimum (lower bound), most likely and maximum (upper bound) values. The probability distribution for proper AC refrigerant charging conducted through the New Residential HVAC program in detached single family homes is illustrated in the picture below. The x-axis shows the range of possible number of charges, where 19,753 is the most likely number of charges, 17,549 is the lower bound and 21,956 is the upper bound. The y-axis is the relative probability that each value on the x-axis will occur.

Figure E-1: Example uncertainty distribution



E.3 Uncertainty documentation

Below, ICF documents the uncertainty factor confidence levels and weights used in calculating weighted uncertainties prior to the final Monte Carlo simulation. As stated in Appendix A, the ICF team went through three rounds of quantifying confidence levels and setting uncertainty distributions.

Unit energy savings

The factors considered in calculating unit energy savings uncertainty were the source of the savings estimate and measure weather sensitivity.

ICF's confidence in the sources of unit energy savings used in the EEPM are shown in the table below.

Table E-4: Unit energy savings source confidence levels

Unit Energy Savings Source	Upper Bound Confidence	Lower Bound Confidence
Database of Energy Efficiency Resources (DEER)	0.9	0.9
Information provided by ComEd team	0.75	0.75
Data and assumptions from ICF	0.75	0.75
ICF's Energy Efficiency Potential Model	0.75	0.75
Environmental Protection Agency and ICF work together on ESTAR Advanced Lighting Package program	0.75	0.75
Fisher Nickel and Food Technology Service Center	0.9	0.9
Department of Commerce and Economic Opportunity of the State of Illinois	0.75	0.75
American Consortium for an Energy Efficiency Economy; white papers	0.75	0.75
Arkansas Dept. of Economic Development, Little Rock, AR LED traffic light case study	0.75	0.75
DEER & Pacific Gas & Electric data on energy efficiency motor operation	.9	.9
MEEA Illinois Residential Market Analysis, Final Report. May 12, 2003	0.75	0.75

If a measure was not weather sensitive, ICF was confident it would not contribute to energy savings uncertainty, and gave a confidence level of one to this savings uncertainty factor. Weather sensitive measures were ascribed confidence levels of 0.75 to their energy savings estimates.

The table below shows how ICF calculated weighted energy savings uncertainty for proper AC refrigerant charging (continuing with the above example).

Table E-5: Example calculation of weighted unit energy savings uncertainty

Uncertainty Factor	Lower Bound Confidence	Upper Bound Confidence	Factor Weight
Energy savings source (Data and assumptions from ICF)	0.75	0.75	5
Weather sensitivity (weather sensitive)	0.75	0.75	3

Weighted Confidence	**0.75**	**0.75**	
Weighted Uncertainty	**0.25**	**0.25**	

ICF's DOE-2 modelers estimated that the annual energy savings for this measure is 395 kWh. According to ICF's uncertainty analysis, the actual annual kWh savings may be between 296 and 494 kWh, inclusive. The factor weights shown in the table above do not vary for weather sensitive measures across the portfolio. Non-weather sensitive measures were given a weather sensitivity factor weight of one.

Projected measure Installations

The factors used in analyzing projected measure installation counts included the program's ability to get measures directly installed, the program's participation rate, the source of the baseline measure usage rate and the applicability of the baseline usage rate to the Company's portfolio.

The table below[1] documents ICF's confidence in each program's ability to get measures directly installed, and in the hard-wired participation rates used in the EEPM.

Table E-6: Program installations uncertainty factor confidence levels, part 1

PROGRAM TYPE	Program ability to install confidence (Lower Bound)	Program ability to install confidence (Upper Bound)	Hardwired participation rate confidence (Lower Bound)	Hardwired participation rate confidence (Upper Bound)
Appliance Recycling Program	0.75	0.75	0.9	1
C&I Custom	0.75	0.75	0.75	0.9
C&I New Construction	0.9	0.9	0.9	1
C&I Prescriptive	0.9	0.9	0.75	0.9
C&I Retrocommissioning	0.75	0.75	0.75	0.9
DCEO Building Industry Training & Education	0.5	0.5	0.75	0.9
DCEO Lights for Learning	0.75	0.75	0.75	0.9
DCEO Low Income Direct Install	0.5	0.5	0.75	0.9
DCEO Low Income EE Moderate Rehab (MF)	0.75	0.75	0.75	0.9
DCEO Low Income New Const. Gut Rehab	0.75	0.75	0.75	0.9
DCEO Manufacturing Energy Efficiency Program	0.75	0.75	0.75	0.9
DCEO Public Retrocommissioning	0.75	0.75	0.75	0.9
DCEO Public Sector Customized Program	0.75	0.75	0.75	0.9
DCEO Public Sector New Construction	0.9	0.9	0.75	0.9
DCEO Public Sector Prescriptive	0.9	0.9	0.75	0.9
DCEO Single Family Rehab	0.75	0.75	0.75	0.9
DCEO Smart Energy Design Assistance Program	0.75	0.75	0.75	0.9
ENERGY STAR Homes Program	0.75	0.75	0.75	0.9
Residential AC Tuneup	0.9	0.9	0.9	1
Residential Advanced Lighting	0.75	0.75	0.9	1
Residential Appliances	0.9	0.9	0.9	1
Residential Lighting	0.75	0.75	0.9	1
Residential Multifamily "All Electric" Sweep	0.5	0.5	0.75	0.9
Residential New HVAC	0.75	0.75	0.9	1
Single Family Home Performance	0.75	0.75	0.9	1
Small C&I CFL Intro Kit	0.75	0.75	0.9	1

[1] Note, this table does not include the Nature First Expansion Program because that element was added to the portfolio after the risk analysis was performed. In the final portfolio this program element contributed to less than one percent of portfolio energy savings. Therefore, its exclusion from the risk analysis does not invalidate the results of the analysis in any way, shape or form.

The table below document's ICF's confidence in the sources it used for baseline measure usage rates, and the applicability of those sources to ComEd's portfolio.

Table E-7: Program installations uncertainty factor confidence levels, part 2

Sector	Baseline Measure Usage Source	Baseline Source Confidence (Lower Bound)	Baseline Source Confidence (Lower Bound)	Baseline Source Applicability (Lower Bound)	Baseline Source Applicability (Upper Bound)
DCEO	DCEO	0.75	0.75	0.9	0.75
Non-Residential	KEMA, Inc., "Colorado DSM Market Potential Assessment," 2006	0.75	0.75	0.75	0.75
Residential	MEEA, "Ilinois Residential Market Analysis," 2003	0.9	0.9	0.9	0.9

An example of how weighted installation uncertainties were calculated is shown above in Table 3.

Net-to-gross ratios

Three factors were considered in the analysis of net-to-gross ratio (NTGR) uncertainty: the source of the NTGR estimate, the applicability of the NTGR to the Company's program and the uncertainty around an evaluator's ability to conduct robust impact studies.

Continuing with the Residential New HVAC Program example above, the table below demonstrates how ICF calculated the NTGR uncertainty for measures in this program.

Table E-8: Example of weighted NTGR uncertainty calculation

Uncertainty Factor	Lower Bound Confidence	Upper Bound Confidence	Factor Weight
NTGR source confidence	0.75	0.9	5
Applicability of source to ComEd program confidence	0.75	0.75	3
Evaluator's ability to conduct robust impact studies	0.75	0.75	1
Weighted Confidence	**0.73**	**0.88**	
Weighted Uncertainty	**0.27**	**0.12**	

The source of the NTGR used in the EEPM for the Residential New HVAC program was the California Energy Efficiency Policy Manual, which recommends a NTGR of 0.8 for all proposed programs. According to ICF's uncertainty analysis, the actual NTG for the program could range between 0.58 and 0.9, inclusive, though 0.8 was set as the most likely value in the uncertainty distribution.

Factor weights for NTGR source confidence and applicability of source to ComEd's program confidence were set based on ICF's professional judgment. The evaluator's ability to conduct robust impact studies was weighted proportional to each program's contribution to portfolio energy savings. The Residential HVAC Program is small, therefore it was ascribed a small weight for this factor (there is further discussion of this issue in Appendix A).

The table below[2] documents ICF's confidence in NTGR sources, the applicability of the NTGR sources used in ComEd's portfolio, and ability of an evaluator to conduct robust impact

[2] Note, following the final risk analysis, the NTGR for the C&I New Construction Program was changed to 0.8, based on the California Energy Efficiency Policy Manual.

estimates on the program. It also shows the weights used for the evaluation confidence in the calculation of the final weighted uncertainty for program NTGRs.

Table E-9: NTGR uncertainty factor confidence levels

Program	NTGR Source	Source Confidence (Lower Bound)	Source Confidence (Upper Bound)	Applicability of Source Confidence (Lower Bound)	Applicability of Source Confidence (Upper Bound)	Evaluation Confidence (Lower Bound)	Evaluation Confidence (Upper Bound)	Evaluation Confidence Weight
Appliance Recycling F	"2004-05 Database for Energy Efficient Resources (DEER)", Version 2.01 October 26, 2005	0.9	1	0.9	0.9	0.75	0.75	2
C&I Custom	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	3
C&I New	ICF/ComEd	0.9	1	0.9	0.9	0.75	0.75	1
C&I Prescriptive	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	5
C&I Retrocommissioning	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	1
DCEO Building Industry Training &	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	0
DCEO Lights for Learning	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	0
DCEO Low Income Direct Install	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	0
DCEO Low Income EE Moderate Rehab	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	1
DCEO Low Income New Const. Gut	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	1
DCEO Manufacturing Energy Efficiency	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	0
DCEO Public Retrocommissioning	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	1
DCEO Public Sector Customized Program	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	1
DCEO Public Sector New Construction	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	1
DCEO Public Sector Prescriptive	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	4
DCEO Single Family Rehab	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	0
DCEO Smart Energy Design Assistance	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	0
ENERGY STAR Homes Program	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	0
Residential AC Tuneup	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	0
Residential Advanced Lighting	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	0
Residential Appliances	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	0
Residential Lighting	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	5
Residential Multifamily "All	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	1
Residential New HVAC	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	1
Single Family Home Performance	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	1
Small C&I CFL Intro Kit	"Energy Efficiency Policy Manual v2", Prepared by the California Public Utilities Commission, Energy Division, August, 2003	0.75	0.9	0.75	0.75	0.75	0.75	1

Residential CFL NTGRs

Recent evaluation results were used in place of ICF's uncertainty estimates of NTGR for residential CFLs. This is because sensitivity analyses performed on the results the first Monte Carlo simulations revealed that portfolio energy savings is highly sensitive to CFL NTGRs. As documented in the table below, the evaluated NTGR were used as the lower bound estimates; upper bound estimates were set based on ICF's professional judgment. 0.8 was used as the most likely NTGR value in the uncertainty distributions for these measures.

Table E-10: Residential CFL NTGRs used in the uncertainty analysis

Sector	Measures	NTG		Source (Lower Bound)
		Lower Bound	Upper Bound	
Residential	Low wattage CFLs (<30 watts)	0.62	0.85	"2004/2005 Statewide Residential Retrofit Single-Family Energy Efficiency Rebate Evaluation Final Report," Itron, 2007.
Residential	Specialty CFLs (>=30 watts), torchieres, etc.	0.72	0.85	"2004/2005 Statewide Residential Retrofit Single-Family Energy Efficiency Rebate Evaluation Final Report," Itron, 2007.
Residential	CF fixtures	0.36	0.8	"2004/2005 Statewide Residential Retrofit Single-Family Energy Efficiency Rebate Evaluation Final Report," Itron, 2007.
Residential	Multifamily CFLs	0.76	0.85	"Evaluation of the 2004-2005 Statewide Multifamily Rebate Program," KEMA, 2007.

Engineering Verification Factors

As stated above, the engineering verification factor was not a key uncertainty in the risk analysis. Therefore, ICF did not use the same weighting process to create uncertainty distributions around engineering verification factors for programs. Instead, ICF exercised professional judgment based on its experience with energy efficiency programs to estimate uncertainty distributions for program engineering verification factors. Triangular probability distributions were used for setting these uncertainties. For most programs, the lower bound of the distribution was set at 0.95 and the most likely and upper bound values were both set at 1.

Table E-11: Program Engineering Verification Factor confidence levels

Program	Engineering Verification Factor	
	Lower Bound	Upper Bound
Appliance Recycling Program	1	1
C&I Custom	0.95	1
C&I New Construction	1	1
C&I Prescriptive	0.95	1
C&I Retrocommissioning	0.95	1
DCEO Building Industry Training & Education	0.95	1
DCEO Lights for Learning	0.95	1
DCEO Low Income Direct Install	0.95	1
DCEO Low Income EE Moderate Rehab (MF)	0.95	1
DCEO Low Income New Const. Gut Rehab	0.95	1
DCEO Manufacturing Energy Efficiency Program	0.95	1
DCEO Public Retrocommissioning	0.95	1
DCEO Public Sector Customized Program	0.95	1
DCEO Public Sector New Construction	0.95	1
DCEO Public Sector Prescriptive	0.95	1
DCEO Single Family Rehab	0.95	1
DCEO Smart Energy Design Assistance Program	0.95	1
ENERGY STAR Homes Program	0.95	1
Residential AC Tuneup	0.95	1
Residential Advanced Lighting	0.95	1
Residential Appliances	0.95	1
Residential Lighting	0.95	1
Residential Multifamily "All Electric" Sweep	0.95	1
Residential New HVAC	0.95	1
Single Family Home Performance	0.95	1
Small C&I CFL Intro Kit	0.95	1

Appendix F: Cost Recovery Rider

RIDER EDA
ENERGY EFFICIENCY AND DEMAND RESPONSE ADJUSTMENT

Applicable to All Rates Except Rate RESS7 and Rate MSPS7

OVERVIEW.
Pursuant to the provisions of Section 12-103 of the Public Utilities Act (Act), 220 ILCS 5/12-103, that became effective on August 28, 2007, authorizing the assessment of charges for approved energy efficiency and demand response measures on retail customers' monthly bills for electric service, an Energy Efficiency and Demand Response Adjustment (EDA) is computed by the Company each year to recover all Incremental Costs incurred by the Company in association with Energy Efficiency and Demand Response Measures. Such EDA is applied to each kilowatt-hour (kWh) delivered to retail customers for electric service in accordance with the provisions of this rider.

DEFINITIONS.
The following definitions are for use in this rider.

Energy Efficiency and Demand Response Measures
Energy Efficiency and Demand Response Measures (Measures) mean activities and programs that are developed, implemented, or administered by or for the Company, or the Department of Commerce and Economic Opportunity (DCEO), that are related to energy efficiency and demand response plans approved by the Illinois Commerce Commission (ICC).

Incremental Costs
Incremental Costs mean costs incurred by the Company or recovered on behalf of DCEO in association with the Measures and include, but are not limited to (a) fees, charges, billings, or assessments related to the Measures; (b) costs or expenses associated with equipment, devices, or services that are purchased, provided, installed, operated, maintained, or monitored for the Measures; (c) the revenue requirement equivalent of the return of and on a capital investment associated with a Measure, based on the most recent rate of return approved by the ICC; and (d) all legal and consultative costs associated with the Measures that are incurred after August 28, 2007.

Incremental Costs also include incremental expenses for wages, salaries, and benefits of Company employees, including direct and indirect incremental costs associated with such Company employees, who are hired for positions that are specifically related to the Measures and that were created after August 28, 2007.

Incremental Costs may not include any expenses for wages, salaries, and benefits of Company employees, employed either before or after August 28, 2007, that are otherwise recovered under other effective tariffs.

Incremental Costs, such as legal and consultative fees associated with the development of ICC approved energy efficiency and demand response plans, may be amortized over the three (3) year period of such plans.

(Continued on Sheet No. xxx)

RIDER EDA
ENERGY EFFICIENCY AND DEMAND RESPONSE ADJUSTMENT

(Continued from Sheet No. xxx)

EDA COMPUTATION AND APPLICATION.
Beginning with the June 2008 monthly billing period, the EDA is applied, in accordance with the provisions of this rider, to each kWh delivered to retail customers. The total amount billed in accordance with the provisions of this rider is separately stated on each retail customer's monthly bill. The EDA is computed in accordance with the following equation:

$$\text{EDA} = \frac{\text{PC} - \text{RIC} + \text{ARF} + \text{ORF}}{\text{PE}} \times \text{UF} \times \frac{100\ ¢}{\$\,1}$$

Where:

EDA = Energy Efficiency and Demand Response Adjustment, in ¢/kWh rounded to the thousandths of a cent, is applied to each kWh delivered to each retail customer during the twelve (12) monthly billing periods, beginning with the June monthly billing period following the date that such EDA is filed with the ICC for informational purposes, to recover Incremental Costs, or in the case of a revised EDA, beginning with the monthly billing period following the date that such revised EDA is filed with the ICC for informational purposes and extending through the following May monthly billing period.

PC = Projected Costs, in $, are equal to the projected Incremental Costs associated with the applicable twelve (12) month period of an ICC approved energy efficiency and demand response plan, beginning in June following the date that the EDA is filed with the ICC, or in the case of a revised EDA, beginning with the month following the date that such revised EDA is filed with the ICC for informational purposes and extending through the following May,

RIC = Reimbursements of Incremental Costs, in $, are equal to funds from any source other than the application of EDAs that the Company expects to receive that are associated with the applicable twelve (12) month period of an ICC approved energy efficiency and demand response plan, beginning in June following the date that the EDA is filed with the ICC, or in the case of a revised EDA, beginning with the month following the date that such revised EDA is filed with the ICC for informational purposes and extending through the following May, if any, directly related to the implementation of Measures and not otherwise credited through this rider.

ARF = Automatic Reconciliation Factor, in $, is equal to the cumulative over collection or under collection, pursuant to plans approved by the ICC, resulting from the application of then applicable EDAs through the end of the following May monthly billing period. To the extent such ARF is not known through the end of the May monthly billing period due to the fact that the EDA is computed and filed with the ICC during the May monthly billing period, the ARF is the cumulative over collection or under collection the Company expects through the end of the May monthly billing period. In the case of a revised EDA, the ARF is equal to the cumulative over collection or under collection resulting from the application of then applicable EDAs beginning with the monthly billing period following the date that such revised EDA is filed with the ICC for informational purposes and extending through the following May monthly billing period.

(Continued on Sheet No. xxx)

RIDER EDA
ENERGY EFFICIENCY AND DEMAND RESPONSE ADJUSTMENT

(Continued from Sheet No. xxx)

EDA COMPUTATION AND APPLICATION (CONTINUED).

ORF = Ordered Reconciliation Factor, in $, is equal to an amount ordered by the ICC to be refunded to or collected from retail customers.

UF = Uncollectible Factor to adjust for applicable uncollectible costs incurred by the Company and equal to 1.0072. Notwithstanding the previous provisions of this definition, in the event that Rider UF - Uncollectible Factors (Rider UF) is approved by the ICC and becomes effective, the relevant uncollectible factor is as listed in such Rider UF for retail customers taking service under Rate BES-H - Basic Electric Service-Hourly Energy Pricing (Rate BES-H).

PE = Projected Energy, in kWh, is equal to a projection of the electric power and energy expected to be delivered during such twelve (12) monthly billing periods, beginning with the June monthly billing period, or in the case of a revised EDA, beginning with the monthly billing period following the date that such revised EDA is filed with the ICC for informational purposes and extending through the following May monthly billing period.

Each year, on or before May 20, beginning in 2008, the Company must file with the ICC, for informational purposes, the EDA, computed in accordance with the equation in this EDA Computation and Application section, that is to be applied to each kWh delivered to retail customers during the twelve (12) monthly billing periods beginning with the June monthly billing period following such filing.

Notwithstanding the provisions of the previous paragraph, the Company may revise an EDA if the Company determines a revised EDA results in a better match between EDA revenues and Incremental Costs. The Company must file with the ICC, for informational purposes, such revised EDA no later than the fifteenth day of the month immediately preceding the monthly billing period during which such revised EDA becomes effective. The revised EDA is determined in accordance with the equation in this EDA Computation and Application section.

(Continued on Sheet No. xxx)

RIDER EDA
ENERGY EFFICIENCY AND DEMAND RESPONSE ADJUSTMENT

(Continued from Sheet No. xxx)

ANNUAL REPORTING.
Each year, on or before August 31, beginning in 2009, the Company must submit to the ICC an annual report that summarizes the operation of this rider and reconciles the revenues accrued through the application of the EDA with the Incremental Costs incurred in accordance with the provisions of this rider for the previous twelve (12) monthly billing periods ending with the May monthly billing period prior to such filing. Notwithstanding the previous provisions of this Annual Reporting section, the first such annual report is for the period beginning with the June 2008 monthly billing period, and extending through May 2009 monthly billing period.

Such annual report must include (a) a document specifying the ARF; (b) testimony regarding the reasonableness and prudence of the Company's Incremental Costs included in the reconciliation as provided for in Section 12-103(f) of the Act; and (c) the results of an internal audit verified by an officer of the Company. Such internal audit must (i) examine whether the Incremental Costs recovered through the EDA are associated with the Measures and are not recovered through other approved tariffs; (ii) test retail customer bills to determine whether the EDA is being properly applied to such bills; (iii) test that the revenues stemming from the EDA are correctly stated; and (iv) test that funds from any source other than the application of the EDAs are identified and reflected in the computation of the EDA and ARF .

EDAs computed in accordance with the provisions of this rider are subject to adjustment in accordance with lawful orders issued by the ICC. Following the Company's annual report filing, the ICC initiates a hearing to review such annual report pursuant to Section 12-103(e) of the Act. All amounts previously credited or collected under this rider are subject to further adjustment through the ORF, as directed by the ICC following such review.

MISCELLANEOUS GENERAL PROVISIONS.
The Company's Schedule of Rates, of which this rider is a part, includes General Terms and Conditions and other tariffs. Service hereunder is subject to the General Terms and Conditions and such other tariffs, as applicable.