

Appendix C: Program Concepts

| ID | Program Concept | Description | Program Screens | | Final Disposition and Element Name |
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| | | | First | Second | |
| 1 | Midstream Incentives | Provide dealer incentives for qualifying lighting, HVAC units, vending machines, computer power supplies. | Passed | Passed | In final portfolio as "Midstream Incentives" with focus on lighting applications (e.g., CFLs). Packaged HVAC generally not cost-effective due to EPACT 2005 impacts; Will look to expand to include specified linear fluorescent lamps and some fixtures pending further channel research. |
| 2 | Compressed Air Audits | Provide audit services and/or incentives to customers to improve compressed air system efficiency. | Passed | Passed | In final portfolio as "Compressed Air". |
| 3 | EE RFP | Develop an RFP/Bid program for large users with complex projects that may fall outside size or scope of mainstream programs. | Passed | Passed | In final portfolio as "EE RFP". |
| 4 | Energy Manager for Hire | Provide on-site energy expertise to customer or group of customers as part of continuous energy management process. | Failed | N/A | Failed first screen due to inability to attribute verifiable savings to this concept. |
| 5 | CACES for Business | Provide services similar to residential CACES, but targeted at small business. | Passed | Passed | In final portfolio as "C/I CACES". |
| 6 | Equipment Turn-in | Provide bounty for early retirement of inefficient, working equipment such as motors, commercial kitchen equipment, industrial equipment. | Failed | N/A | Failed first screen - unable to verify energy savings or remaining useful life for this concept. |
| 7 | Direct Install | Provide direct install of energy-saving equipment/technologies on customer site. | Passed | Passed | In final portfolio as "Small Business Direct Install". |
| 8 | Technical Assistance | Provide assistance to customers for energy efficiency projects (Plans, Audits, Industrial Process). | Merged | N/A | Merged into existing prescriptive/custom program elements. |
| 9 | Lighting Redesign | Provide assistance for technical study for lighting system redesign. | Failed | N/A | Failed first screen due to inability to attribute savings to studies. |
| 10 | Premium HVAC Services | Similar to CACES, service provides quality install and RCA on commercial units. Also includes economizer testing/repair and damper/controls servicing. | Passed | Merged | Merged into CACES for Business. |
| 11 | DOE Commercial Lighting Solutions | Advanced lighting program designed to extract further energy savings per facility by use of on-line design calculators, advanced technologies, etc. | Failed | N/A | Failed first screen due to inability to attribute savings to studies. |
| 12 | Commercial Real Estate Program | Targets hard-to-reach CRE sector with customized offerings to CRE office and retail buildings greater than predefined threshold (e.g., 50,000 sq.ft). | Passed | Passed | In final portfolio as "Commercial Real Estate". |
| 13 | Data Center Efficiency | Designed to help customers address energy efficiency in existing and new data centers. | Passed | Passed | In final portfolio as "Data Center Efficiency". |
| 14 | Process Efficiency | Targets large industrial customers (typically >MW). Program delivered in 3 phases as defined in a MOU with customer: Identification, Scoping, Implementation. Uses "Achiever" or "One 2 Five" product as determined by program design. Program could be cooperatively funded with gas utility. | Failed | N/A | Eliminated due to potential cannibalization of EE RFP and Custom program elements. |
| 15 | Recommissioning | Provides recommissioning services to facilities that have previously been commissioned or retrocommissioned. | Failed | N/A | Eliminated as redundant to retrocommissioning program. |
| 16 | ENERGY STAR Home | Provides homebuilders with incentives (free inspection services, rebates) to construct homes to ENERGY STAR standards. Program would be cooperatively funded with gas utility. | Passed | Passed | Residential New Construction program element will be jointly delivered with gas utilities - ENERGY STAR qualification will be dependent on gas utility program designs. In final Portfolio as "New Construction (Residential)". |

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| 17 | Home Performance with ENERGY STAR | Targets existing single-family homes that are in need of multiple energy-efficiency improvements. Based on EPA's Home Performance with ENERGY STAR program. Program would be cooperatively funded with gas utility. | Passed | Merged | Merged into Single-Family Home Performance concept. |
| 18 | Residential Quick Fix Efficiency Services | Provides direct install of low-cost energy-saving measures in homes. Program would be cooperatively funded with gas utility. | Passed | Merged | Merged into Single-Family Home Performance concept. |
| 19 | Instant Incentive Program | Based on Vermont's SmartLight program, provide direct incentives to dealers for qualifying products sold to ComEd customers. http://www.encyvermont.com/pages/Business/HVAC/Lighting/SMARTLIGHT . | Passed | Merged | Merged into Mid-Stream Incentive program. |
| 20 | Appliance Rebates | POS incentives for ENERGY STAR appliances (HVAC/Water Heaters/White Goods), modeled after state ARRA-funded program. | Passed | Passed | In final portfolio as "Appliance Rebate". |
| 21 | Performance-Based HVAC Program | HVAC program to address air distribution system efficiency. | Passed | Merged | Merged into Single-Family Home Performance concept. |
| 22 | Performance-Based Air Sealing | Infiltration reduction program. | Passed | Merged | Merged into Single-Family Home Performance concept. |
| 23 | Centerpoint Energy Direct Install Program | Joint effort between electric and gas utilities. | Failed | N/A | Program duplicates existing efforts with single-family and multi-family concepts. |
| 24 | Appliance Recycling Program | Current ComEd program that recycles 2nd frig/freezers for \$25 customer rebate. | Passed | Passed | In final portfolio as "Appliance Recycling". |
| 25 | CACES | Current ComEd program -- central AC Tune-Up & Upgrade program. | Passed | Passed | In final portfolio as "CACES". |
| 26 | MF All Electric Upgrade | Current ComEd program -- direct installation of CFLs, aerators, showerheads and pipe wrap in all electric MF units. | Passed | Passed | Modified to allow gas-heated multi-family complexes, jointly delivered with gas utilities. In final portfolio as "M-F Home Performance". |
| 27 | Single Family Home Performance | Current ComEd program -- targets all-electric SF homes for direct install of EE measures. | Passed | Passed | In final portfolio as "S-F Home Performance", joint program with gas utilities. |
| 28 | OPOWER | 3 year behavioral pilot program that will send a report to a sample of residential customers and evaluate how this information and awareness of their energy usage will impact their behavior. | Passed | Passed | In final portfolio as "Home Energy Reports". Name change allows competing vendors to offer program. |
| 29 | Residential Lighting Program | Discounts on CFL bulbs and energy efficient fixtures at participating retailers in ComEd's service territory. | Passed | Passed | In final portfolio as Lighting (Residential). |
| 30 | Plug Load/Consumer Electronics Program | Direct mid-stream incentives to retailers and direct-to-consumer manufactures to encourage the stocking, promotion, and sale of energy efficient consumer electronics, including Energy Star certified televisions, monitors, and computers. Additional consumer electronics to which incentives may be applied include cable and satellite set-top boxes and smart power strips. | N/A | Failed | Eliminated in Final program screen due to cost-effectiveness and highly dynamic technology baseline. |
| 31 | Prescriptive & Custom Incentives Program | Provides rebates for purchase and installation of qualifying energy saving technologies and/or system modifications. | Passed | Passed | In final portfolio as two elements - "Prescriptive" and "Custom" Incentives. |
| 32 | Retrocommissioning | Identifies and implements low cost tune-ups and adjustments that improve the efficiency of existing buildings' operating systems by returning them to intended operation or design specifications, with a focus on building controls and HVAC systems. | Passed | Passed | In final portfolio as "Retrocommissioning". |
| 33 | C&I New Construction | Provides new construction design assistance and incentives to building designers, architects and building owners for surpassing the 2006 IECC standard for new construction practice by at least 10%. | Passed | Passed | In final portfolio as "New Construction (C&I)". |

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| 34 | Monitoring Based Commission | Implemented as a one year pilot program to determine the cost effectiveness of monitoring based commissioning through evaluating at least two separate approaches of measure diagnosis and implementation. | Passed | Merged | Merged into Retrocommissioning concept. |
| 35 | Grocery Stores | Review of the Energy Smart Grocer Program. Refrigeration, HVAC, Lighting and system controls are main targeted measures. | Failed | N/A | Eliminated in first program screen. Segment targeting/marketing to be considered under prescriptive/custom elements. |
| 36 | Agriculture | Agricultural program targeted at farmers. | Failed | N/A | Eliminated in first program screen. Segment targeting/marketing to be considered under prescriptive/custom elements. |
| 37 | Commercial Laundry | Rebate program encouraging the purpose of energy efficient commercial washers. | Failed | N/A | Eliminated in first program screen. Segment targeting/marketing to be considered under prescriptive/custom elements. |
| 38 | Standard Performance Contract | Give incentives based on performance not just the installation of energy efficiency measures. | Passed | Merged | Merged into EE RFP concept. |
| 39 | Multi-Family Program | Provides MF building owners with access to EE rebates, EE financing, direct install measures and tax benefits. | Passed | Merged | Merged into All-Electric Multifamily EE program. |
| 40 | CUB Energy Saver | Utilizes customer billing data to provide an energy savings plan based on hundreds of EE actions. Customers who achieve quantifiable savings will be rewarded with points that can be redeemed at various participating retailers. | Failed | N/A | Did not receive program assumptions from CUB to model TRC. |
| 41 | Energy Efficiency Financing for Single Family Homes | Offer low-interest financing to encourage replacement and/or early retirement of older, less efficient equipment and stimulate investment in EE retrofit solutions. | Failed | N/A | Did not receive assumptions from stakeholders to model TRC as separate program. Will explore incorporation of financing methods within existing Single Family Home Performance program. |
| 42 | Efficient R-5 Windows | Provide incentives to consumers to install R-5 windows in place of current IL baseline. | Failed | N/A | Building Simulation models show largely gas savings; insufficient electric savings. Insufficient cost information from vendor to model TRC. |