

228011

DCEO 3-YEAR EEPS BUDGET - FY09, 10, 11

TOTAL FUNDING AND KWH SAVINGS

	YEAR 1 (FY09)		YEAR 2 (FY10)		YEAR 3 (FY11)	
	Statewide	Ameren	Statewide	Ameren	Statewide	Ameren
	ComEd	ComEd	ComEd	ComEd	ComEd	ComEd
TOTAL BUDGET	\$ 5,320,488.70	\$ 414,128.61	\$ 2,448,000.00	\$ 871,462.22	\$ 3,801,000.00	\$ 1,344,901.10
utility ratio	74.1%	25.9%	73.7%	26.3%	73.9%	26.1%
Measurement and Evaluation	\$ 1,182,000.00	\$ 414,128.61	\$ 2,448,000.00	\$ 871,462.22	\$ 3,801,000.00	\$ 1,344,901.10
DCEO BUDGET	\$ 12,805,038.60	\$ 97,500,000.00	\$ 11,064,874.05	\$ 10,291,802.20	\$ 17,153,003.67	\$ 10,291,802.20
INCENTIVE	\$ 5,320,488.70	\$ 414,128.61	\$ 2,448,000.00	\$ 871,462.22	\$ 3,801,000.00	\$ 1,344,901.10
Public Sector (10%)	\$ 532,048.87	\$ 41,412.86	\$ 244,800.00	\$ 87,146.22	\$ 380,100.00	\$ 134,490.11
Public Sector Prescriptive	\$ 1,182,000.00	\$ 414,128.61	\$ 2,448,000.00	\$ 871,462.22	\$ 3,801,000.00	\$ 1,344,901.10
Public Sector Custom	\$ 500,000.00	\$ 150,000.00	\$ 500,000.00	\$ 150,000.00	\$ 500,000.00	\$ 150,000.00
Public Sector New Construction	\$ 140,000.00	\$ 40,000.00	\$ 140,000.00	\$ 40,000.00	\$ 140,000.00	\$ 40,000.00
Lights for Learning	\$ 200,000.00	\$ 60,000.00	\$ 200,000.00	\$ 60,000.00	\$ 200,000.00	\$ 60,000.00
Public Retrocommissioning	\$ 80,000.00	\$ 20,000.00	\$ 80,000.00	\$ 20,000.00	\$ 80,000.00	\$ 20,000.00
Admin	\$ 3,192,237.22	\$ 254,128.61	\$ 6,638,924.43	\$ 6,031,802.20	\$ 10,291,802.20	\$ 6,031,802.20
Low Income (6%)	\$ 319,223.72	\$ 25,412.86	\$ 663,892.44	\$ 603,180.22	\$ 1,029,180.22	\$ 603,180.22
Out Rehab and New AH	\$ 200,000.00	\$ 15,000.00	\$ 200,000.00	\$ 15,000.00	\$ 200,000.00	\$ 15,000.00
Moderate Rehab AH	\$ 80,000.00	\$ 6,000.00	\$ 80,000.00	\$ 6,000.00	\$ 80,000.00	\$ 6,000.00
Remodel single family	\$ 100,000.00	\$ 7,000.00	\$ 100,000.00	\$ 7,000.00	\$ 100,000.00	\$ 7,000.00
Direct Instan	\$ 100,000.00	\$ 7,000.00	\$ 100,000.00	\$ 7,000.00	\$ 100,000.00	\$ 7,000.00
Admin	\$ 100,000.00	\$ 7,000.00	\$ 100,000.00	\$ 7,000.00	\$ 100,000.00	\$ 7,000.00
MARKET TRANSFORMATION	\$ 900,000.00	\$ 23,312.35	\$ 400,000.00	\$ 1,18,850.13	\$ 2,000,000.00	\$ 22,707.77
Audits/Assistance	\$ 900,000.00	\$ 23,312.35	\$ 400,000.00	\$ 1,18,850.13	\$ 2,000,000.00	\$ 22,707.77
SEDAC	\$ 100,000.00	\$ 2,331.23	\$ 200,000.00	\$ 5,942.58	\$ 500,000.00	\$ 10,351.19
MEEP	\$ 443,175.00	\$ 11,981.12	\$ 835,800.00	\$ 23,867.55	\$ 1,542,500.00	\$ 44,357.50
Efficiency Training	\$ 356,825.00	\$ 9,300.00	\$ 374,200.00	\$ 10,000.00	\$ 957,500.00	\$ 27,356.19
Admin	\$ 200,000.00	\$ 5,280.00	\$ 200,000.00	\$ 5,942.58	\$ 500,000.00	\$ 10,351.19
TOTAL EXPENDITURES	\$ 18,125,527.30	\$ 1,411,769.59	\$ 17,513,748.48	\$ 16,164,664.64	\$ 24,956,804.67	\$ 16,164,664.64
REMAINING BALANCES	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ (0.00)
% budget for Public	62%		65%		66%	
% budget for Low Income	25%		25%		25%	
Administrative cost breakout:						
1	FTE \$ 200,000.00	consultant expenses \$ 50,000.00	FTE \$ 300,000.00	consultant expenses \$ 50,000.00	FTE \$ 400,000.00	consultant expenses \$ 50,000.00
5	FTE \$ 100,000.00	consultant expenses \$ 56,000.00	FTE \$ 100,000.00	consultant expenses \$ 84,000.00	FTE \$ 100,000.00	consultant expenses \$ 84,000.00

DCEO 3-YEAR EEPS BUDGET - FY09, 10, 11

TOTAL FUNDING AND KWH SAVINGS

	\$/kWh incen	Realiz. rate	Net-to-gross	Net Incentive	YEAR 1		YEAR 2		YEAR 3		
					TOTAL kWh saved	Ameren	TOTAL kWh saved	Ameren	TOTAL kWh saved	Ameren	
\$	0.124	0.95	0.80	\$	41,069,097.33	10,653,119.30	46,016,849.95	21,326,729.07	52,332,422	33,667,433.85	
\$	0.114	0.95	0.80	\$	6,000,000.00	1,556,749.03	7,556,749.03	2,000,000.00	2,000,000.00	2,000,000.00	
\$	0.771	0.95	0.80	\$	0.00	0.00	0.00	0.00	0.00	0.00	
\$	0.050	0.95	0.80	\$	3,598,285.52	333,038.20	3,931,323.72	1,717,776.73	3,931,323.72	1,717,776.73	
\$	0.059	0.95	0.80	\$	3,050,000.00	156,752.81	3,206,752.81	1,500,000.00	3,206,752.81	1,500,000.00	
\$	1.041	0.95	0.80	\$	0.00	0.00	0.00	0.00	0.00	0.00	
\$	1.088	0.95	0.80	\$	0.00	0.00	0.00	0.00	0.00	0.00	
\$	1.620	0.95	0.80	\$	0.00	0.00	0.00	0.00	0.00	0.00	
\$	0.867	0.95	0.80	\$	876,119.59	227,318.36	1,103,437.95	531,819.25	1,103,437.95	531,819.25	
DCEO 3-YEAR EEPS BUDGET - FY09, 10, 11											
total kWh load					132,446,626,000	94,363,626,000	38,083,000,000	134,309,027,000	95,922,777,000	38,386,250,000	135,981,619,000
total kWh EEPS goal					264,895,000	188,729,000	76,166,000	547,236,000	393,691,000	153,545,000	815,890,000
25% of total kWh goal					66,223,750	47,182,250	19,041,500	136,809,000	98,422,750	38,386,250	203,972,500
DCEO % of kWh goal					82.4%	85.7%	74.4%	80.9%	83.0%	75.7%	83.3%
DCEO % of 25% of total											85.9%
											76.6%

PROGRAM NAME	Public Sector Prescriptive Program
Objective	Encourage public sector electric customers to purchase high efficiency equipment through a menu of incentives for the installation of electric energy efficiency measures.
Target Market	Units of local Government, K-12 school districts, Community Colleges, Public Universities, State buildings
Program Duration	Beginning June 1, 2008 and continuing throughout three-year period of the EEPS plan.
Program Description	<p>Simple menus of incentives will be offered for the installation of energy efficiency measures to motivate the public sector to purchase high efficiency equipment to reduce electricity consumption at public facilities. This program is the core DCEO program in terms of anticipated kWh reductions in the public sector and has a significant budget as appropriate to that role. A streamlined incentive application and quality control process will be employed to facilitate ease of participation and produce a rapid payment cycle.</p> <p>Specifically, funds will be made available on a first-come, first-served basis beginning on a date to be specified in program guidelines. Payments of less than \$10,000 for individual measures or bundles of measures will be made as rebates. At the discretion of DCEO, electric customers implementing measures eligible for payments of more than \$10,000 shall receive payment either as multiple rebates for separate packages of measures or as one bundled grant. DCEO reserves the right to establish maximum payments per electric customer and to establish other procedures to manage the flow of funds in an orderly fashion (to help manage applicant expectations) throughout the program year.</p>
Eligible Measures	<p>Eligible measures will include energy efficient equipment which has a broad application in the public sector. Lighting system measures include Super T-8, T-5, hardwired compact fluorescent lamps (CFLs), hi-bay CFLs, metal halides, high pressure sodium, reflectors, controls, LED exit signs, LED traffic signals, and street lighting. Other measures that generate electric savings such as water pumps, HVAC cooling equipment, and some equipment with targeted market applications will also be eligible.</p> <p>DCEO reserves the right to revise the list of eligible measures as needed in accordance with current market development, technology development, EM&V results and program implementation experience.</p>

Implementation Strategy

The program will be administered by DCEO with contractor assistance if necessary. Efficiency measure implementation and installation will be the responsibility of the customer. Key elements of the Prescriptive Program implementation strategy include:

- **Public sector participant recruitment:** Participants will be recruited by Program marketing and outreach activities and through energy service companies and energy vendor allies.
- **Trade ally recruitment and training:** Trade allies will be recruited to participate in training sessions to inform them about program incentives, participation processes, and requirements. Trade allies actively participating in the Prescriptive Program and other program offerings will receive regular communications about program activities and changes to ensure they are informed.
- **Technical assistance:** Technical assistance will be provided as needed with the assistance of the Smart Energy Design Assistance Center and through the DCEO Performance Contracting and LEAP programs. (See separate program templates for SEDAC and LEAP.) It is expected that energy service contractors and equipment vendors will provide such assistance as well.
- **Application submittal:** Program participants will submit incentive applications and required documentation after installation of qualifying energy efficiency measures has been completed. For larger projects, DCEO may require grant applications in advance of installation.
- **QA/QC review:** Incentive applications will be subject to a quality assurance/quality control (QA/QC) review to ensure all required forms and documentation have been submitted, and that calculation of incentive totals are correct.
- **Project verification:** DCEO reserves the right to site-verify installations prior to or after approval and incentive payment.

Marketing Strategy

The program will be marketed through the statewide K-12, higher education, and local government associations as well as the building industry (ASHRAE, ISPE, AIA, APEC, energy service companies, and vendors, etc.). Meetings and workshops will be held to inform potential applicants and other interested parties involved in building construction.

Incentive Strategy

DCEO reserves the right to modify the incentive levels as needed in accordance with current market development, technology development, EM&V results and program implementation experience.

Measure	Incentive Levels Per Unit
Building Lighting Upgrades	Varies
Traffic Signals, Street Lighting	
Water Pumps, HVAC/Cooling, DR Controls, etc.	

Milestones

- **February 2008:** Commission approval
- **February-May 2008:** Final program design and protocol development
- **June 2008:** Program launch

EM&V Requirements

Deemed savings values will be used for most measures, such as lighting, lighting controls, and motors. After implementation of the efficiency measures, projects will be subject to post inspection to confirm proper installation and conformance with the measure specification. A statistically-selected number of implemented projects will be evaluated to confirm savings.

DCEO supports the proposed collaborative process to review the evaluation, measurement, and verification process and other aspects of the EEPS programs. Additional EM&V requirements will be added to the Program if recommended through the collaborative process or by the EM&V contractor.

Administrative Requirements

Program manager responsibilities include final program design, marketing materials development, program marketing and outreach activities, project management and QA/QC activities, tracking and reporting, and program goal achievement.

Estimated Participation

DCEO expects broad participation in the program from the entire public sector. The following estimates have been used for planning purposes. Actual participation will vary.

Public Sector Category	Percent of Measures
Community Colleges	2%
K-12 Schools	27%
Local Governments	50%
Public Universities	9%
State Buildings	5%
Street Lighting & Traffic Signals	7%

Estimated Budget

Estimated Budget				
Budget Category	2008	2009	2010	Total
Incentives	\$6,158,865	\$13,427,520	\$19,323,109	\$38,909,493
Admin & Implementation	\$200,000	\$450,000	\$550,000	\$1,200,000
Marketing	\$0	\$0	\$0	\$0
Total	\$6,358,865	\$13,877,520	\$19,873,109	\$40,109,493

Estimated Budget ComEd				
Budget Category	2008	2009	2010	Total
Incentives	\$4,560,897	\$9,902,377	\$14,272,940	\$28,736,214
Admin & Implementation	\$148,108	\$331,861	\$406,255	\$886,225
Marketing	\$0	\$0	\$0	\$0
Total	\$4,709,005	\$10,234,238	\$14,679,195	\$29,622,439

Estimated Budget Ameren				
Budget Category	2008	2009	2010	Total
Incentives	\$1,597,968	\$3,525,142	\$5,050,169	\$10,173,279
Admin & Implementation	\$51,892	\$118,139	\$143,745	\$313,775
Marketing	\$0	\$0	\$0	\$0
Total	\$1,649,859	\$3,643,281	\$5,193,914	\$10,487,054

Savings Targets

Estimated Savings				
Year	2008	2009	2010	Total
MWH	41,059	89,517	128,821	259,397
MW	11.7	25.5	36.7	74.0

Estimated Savings - ComEd				
Year	2008	2009	2010	Total
MWH	30,009	65,810	94,954	190,773
MW	8.6	18.8	27.1	54.4

Estimated Savings - Ameren				
Year	2008	2009	2010	Total
MWH	11,050	23,707	33,867	68,624
MW	3.2	6.8	9.7	19.6

Other Program Metrics

The principal program metrics are the annual energy and demand savings targets, and delivery at or below budgeted cost. Other metrics DCEO may track include number of buildings by sector and total number of projects by individual measures.

PROGRAM NAME	Public Sector Custom Program
Objective	Provide local governments, K-12 schools, community colleges, higher education and state buildings with financial incentives for electric energy efficiency improvements based upon a technical engineering analysis. The purpose of the program is to encourage implementation of complex efficiency measures not well covered by the prescriptive program. This program will offer customized incentives based on calculated savings for specific customer projects.
Target Market	Units of local governments, K-12 school districts, community colleges, public universities, or State buildings seeking to improve the efficiency of existing facilities through the implementation of energy efficiency measures not covered by other incentive programs. All targeted customers taking delivery service from ComEd or Ameren are eligible for this program regardless of their choice of supplier. Key markets among public sector customers for the Custom program will likely include large scale projects and facilities such as public hospitals, municipal water pumping and waste water facilities, university campus systems, housing authorities, electric railroads, and other large public customers.
Program Duration	Beginning June 1, 2008 and continuing throughout the three-year EEPS plan period.
Program Description	<p>The Public Sector Custom Program will provide financial incentives for kWh reductions available at the time of new equipment purchases, facility modernization, or large process improvements. Such improvements may be identified through design assistance (SEDAC), by energy performance contracting providers, through the Large-customer Energy Analysis Program (LEAP), or other technical engineering analyses. The Program will be designed to be complementary to the Public Sector Prescriptive Program in order to cover efficiency improvements not explicitly covered by that program.</p> <p>DCEO's program manager or implementation contractor will conduct an internal review of all custom incentive applications to verify savings calculations and DCEO reserves the right to site-verify data prior to or after approval and incentive payment.</p>
Eligible Measures	Any public sector cost-effective electrical energy efficiency measure that is not covered by Public Sector Prescriptive Program incentives or incentives provided through other programs in the energy efficiency portfolio.
Implementation Strategy	<p>The program will be administered by DCEO or an implementation contractor selected through an RFP process. Participation will primarily be driven by SEDAC, the DCEO performance contracting program, the LEAP program, and direct outreach from the DCEO program manager or implementation contractor. Energy efficiency measure implementation and installation will be the responsibility of the applicant.</p> <p>Key elements in the development of the Public Sector Custom Program are:</p> <ol style="list-style-type: none"> 1. Development of program guidelines, application process, and application materials 2. Development of both print and electronic program information materials 3. Implementation of marketing strategy
Marketing Strategy	Program information will be available through both print and electronic media and disseminated through press releases and targeted outreach activities including workshops, presentations, and newsletter articles. Because of the limited number of truly large public customers, senior DCEO representatives will also conduct direct outreach to senior representatives at public universities, hospitals, electric railroads, housing authorities, and water/waste water districts.

Incentive Strategy	<p>Incentives will be based on per-kWh value, subject to certain caps as described below. The incentive amount is subject to modification as needed to balance the program's financial requirements and savings targets.</p> <p>Caps that would reduce the total incentive amount include:</p> <ul style="list-style-type: none"> • The incentive for each measure may not exceed 50% of the incremental cost for retrofits and 100% of the incremental cost for replacement. • Total incentive may be reduced if the project's energy savings provide the applicant with a simple payback below one year. • Total incentive may be reduced if it exceeds a maximum per-project incentive cap that DCEO may establish during the final program design process. <p>All incentives are contingent on DCEO review and acceptance of savings estimates, and are subject to pre-installation and post-installation verification. DCEO also reserves the right to modify the incentive levels as needed in accordance with current market development, technology development, EM&V results and program implementation experience.</p>
Milestones	<ul style="list-style-type: none"> • February 2008: Commission approval • February-May 2008: Final program design and protocol development • June 2008: Program launch
EM&V Requirements	<p>To minimize program costs, anticipated energy savings will be estimated and agreed on for all appropriate projects. It is expected that applicants will use information from their energy services contractor or SEDAC evaluation to estimate electricity savings. After implementation of the efficiency measures, projects will be subject to post inspection to confirm proper installation and conformance with the measure specification. A statistically selected sample of implemented projects will be evaluated to confirm savings persistence. For those measures where reliable estimates of savings can not be made prior to implementation, pre and post monitoring may be used to determine savings.</p> <p>DCEO supports the proposed collaborative process to review the evaluation, measurement, and verification process and other aspects of the EEPS programs. Additional EM&V requirements will be added to the Program if recommended through the collaborative process or by the EM&V contractor.</p>
Administrative Requirements	<p>Program manager responsibilities include final program design, marketing materials development, program marketing and outreach activities, project management and quality assurance/quality control activities, tracking and reporting, and program goal achievement.</p>
Estimated Participation	<p>Based on adding implementation financial incentive to the existing DCEO Performance Contracting and SEDAC programs, DCEO expects more than adequate demand for the Public Sector Custom Program. Actual participation levels will vary based on the size of the projects funded and the negotiated incentive levels.</p>

Estimated Budget

Estimated Budget				
Budget Category	2008	2009	2010	Total
Incentives	\$900,000	\$1,500,000	\$3,000,000	\$5,400,000
Admin & Implementation	\$100,000	\$266,000	\$294,000	\$660,000
Marketing	\$0	\$0	\$0	\$0
Total	\$1,000,000	\$1,766,000	\$3,294,000	\$6,060,000

Estimated Budget - ComEd				
Budget Category	2008	2009	2010	Total
Incentives	\$666,488	\$1,106,203	\$2,215,938	\$3,988,629
Admin & Implementation	\$74,054	\$196,167	\$217,162	\$487,383
Marketing	\$0	\$0	\$0	\$0
Total	\$740,542	\$1,302,370	\$2,433,100	\$4,476,012

Estimated Budget - Ameren				
Budget Category	2008	2009	2010	Total
Incentives	\$233,512	\$393,797	\$784,062	\$1,411,371
Admin & Implementation	\$25,946	\$69,833	\$76,838	\$172,617
Marketing	\$0	\$0	\$0	\$0
Total	\$259,458	\$463,630	\$860,900	\$1,583,988

Savings Targets

Estimated Savings				
Year	2008	2009	2010	Total
MWH	6,000	10,000	20,000	36,000
MW	0.8	1.3	2.6	4.7

Estimated Savings - ComEd				
Year	2008	2009	2010	Total
MWH	4,385	7,352	14,742	26,479
MW	0.6	1.0	1.9	3.5

Estimated Savings - Ameren				
Year	2008	2009	2010	Total
MWH	1,615	2,648	5,258	9,521
MW	0.2	0.3	0.7	1.3

Other Program Metrics

The principal program metrics are the annual energy and demand savings targets, and delivery at or below budgeted cost. Secondary metrics include number of public sector energy performance contracts and SEDAC evaluations for purposes of customized projects. Other metrics DCEO may track include number of buildings/projects by sector and total number of projects by individual measures.

PROGRAM NAME Public Sector New Construction

Objective Support greater energy efficiency in the new construction and gut rehab market of public buildings through adoption of measures beyond current commercial energy efficiency building code

Seek highly cost-effective and long term efficiency opportunities available only in new construction

Target Market Units of Local Government, K-12 school districts, Community Colleges, Public Universities, State buildings

Program Duration Beginning June 1, 2009 and continuing throughout the three-year EEPS plan period.

Program Description The program will provide grants for new (or gut rehab) public sector facilities that exceed either the current Illinois Energy Conservation Code for Commercial Buildings, or the Capital Development Board's new "green schools" code (per Public Act 95-0416) when rules for such are placed into effect, as applicable to the specific project. The grants will be awarded on a dollars per square foot basis as determined by the percentage level beyond the relevant code that the project achieves (10%, 20%, etc.). (Note that because of the lag time associated with the new green schools code taking effect, most or all new schools beginning construction over the next several years will not be subject to the green schools code and will therefore receive incentives based upon achievement beyond the regular commercial code).

Eligible Measures

Government, Community College, and Higher Education Buildings

Measure	kWh/unit	kWh/unit
10% beyond code	1.40/sq. ft	0.0007
15% beyond code	2.10/sq. ft	0.0011
20% beyond code	2.80/sq. ft.	0.0014
25% beyond code	3.50/sq. ft	0.0018
30% beyond code	4.20/sq. ft	0.0021

K-12 schools

Measure	kWh/unit	kWh/unit
10% beyond code	0.85/sq. ft	0.0004
15% beyond code	1.13/sq. ft	0.0006
20% beyond code	1.69/sq. ft.	0.0008
25% beyond code	1.97/sq. ft.	0.0010
30% beyond code	2.54/sq. ft.	0.0013

The savings above are based on information from: Don Fournier, Smart Energy Design Assistance Center; GSA LEED Cost Study, prepared by Steven Winter Associates, Inc., for US General Services Administration, Oct. 2004; and USGBC, *Greening America's Schools: Costs and Benefits*.

Implementation Strategy	DCEO will work closely with K-12, higher education, and local government associations to seek participants in the Public Sector New Construction Program. K-12 associations include: Illinois State Board of Education, Illinois Association of School Boards, Illinois Principals Association, and Illinois Association of School Administrators. Higher education associations include: Illinois Community College Board, Illinois Institute of Colleges and Universities, and Illinois Board of Higher Education among others. Local government associations include: Illinois Municipal League, Illinois Association of County Board Members and Commissioners, Township Officials of Illinois, and the Metropolitan-Mayors Caucus. DCEO will also work with the Capital Development Board to identify state building projects that could participate in the program.
Marketing Strategy	The program will be marketed through the statewide K-12, higher education, and local government associations as well as the building industry (ASHRAE, ISPE, AIA, APEC, energy service companies, and vendors, etc.). Meetings and workshops will be held to inform potential applicants and other interested parties involved in building construction.
Incentive Strategy	<p>The incentives will be set at increasing levels based on how far beyond the Illinois Energy Conservation Code for Commercial Buildings, or how far beyond the relevant green schools code, the facilities are to be constructed or rehabbed. This is to encourage participants to design the facilities to achieve the greatest level of energy efficiency. DCEO reserves the right to negotiate different incentive levels as appropriate, and will encourage consultation with municipalities or institutions contemplating adoption of beyond-code standards regarding the potential impact of such standards on new construction incentives available per this program.</p> <p>DCEO also reserves the right to modify the incentive levels as needed in accordance with current market development, technology development, EM&V results and program implementation experience.</p>
Milestones	<ul style="list-style-type: none"> • February 2008: Commission approval • July-September 2008: Implementation contractor RFP and selection if needed • October-December 2008: Final program design and protocol development • January-May 2009: Trade ally recruitment and training • June 2009: Program launch
EM&V Requirements	<p>Grant recipients will be required to use LEED Scoresheets as well as Comcheck or DOE modeling to verify the extent beyond code and estimated electricity reductions.</p> <p>DCEO supports the proposed collaborative process to review the evaluation, measurement, and verification process and other aspects of the EEPs programs. Additional EM&V requirements will be added to the program if recommended through the collaborative process or by the EM&V contractor.</p>
Administrative Requirements	Program guidelines will be developed, based in part on a pilot Green Building Program administered by DCEO last fiscal year.

Estimated Participation

Measure	2008 \$	2009 \$	2010 \$
10% beyond code	0	1,000,000	3,000,000
15% beyond code	0	400,000	1,200,000
20% beyond code	0	300,000	900,000
25% beyond code	0	200,000	600,000
30% beyond code	0	100,000	300,000

These are estimates of program participation based on professional judgment and past program experience. Actual participation and mix of buildings achieving various levels beyond the Commercial Energy Code will vary.

Estimated Budget

Estimated Budget				
Budget Category	2008	2009	2010	Total
Incentives	\$0	\$1,000,000	\$3,000,000	\$4,000,000
Admin & Implementation	\$0	\$0	\$0	\$0
Marketing	\$0	\$0	\$0	\$0
Total	\$0	\$1,000,000	\$3,000,000	\$4,000,000

Estimated Budget - ComEd				
Budget Category	2008	2009	2010	Total
Incentives	\$0	\$737,469	\$2,215,938	\$2,953,407
Admin & Implementation	\$0	\$0	\$0	\$0
Marketing	\$0	\$0	\$0	\$0
Total	\$0	\$737,469	\$2,215,938	\$2,953,407

Estimated Budget - Ameren				
Budget Category	2008	2009	2010	Total
Incentives	\$0	\$262,531	\$784,062	\$1,046,593
Admin & Implementation	\$0	\$0	\$0	\$0
Marketing	\$0	\$0	\$0	\$0
Total	\$0	\$262,531	\$784,062	\$1,046,593

Savings Targets

Estimated Savings				
Year	2008	2009	2010	Total
MWH	0	0	2,807	2,807
MW	0.0	0.0	1.4	1.4

Estimated Savings - ComEd				
Year	2008	2009	2010	Total
MWH	0	0	2,069	2,069
MW	0.0	0.0	1.0	1.0

Estimated Savings - Ameren				
Year	2008	2009	2010	Total
MWH	0	0	738	738
MW	0.0	0.0	0.4	0.4

It is assumed that the electricity savings will occur in the year following the year in which the projects are funded to account for the time it takes developers to complete construction.

Other Program Metrics

Number of government and school buildings assisted.

PROGRAM NAME	Lights for Learning
Objective	Achieve electricity savings by promoting use of ENERGY STAR® qualified lighting Help develop market for advanced lighting such as specialty market CFLs Provide public education on energy savings, environmental and economic benefits of ENERGY STAR® lighting
Target Market	K-12 schools
Program Duration	Ongoing; offered each school year since 2003-04 school year and throughout three-year EEPS plan.
Program Description	The Lights for Learning Program is an educational, fundraising opportunity for K-12 schools and related organizations, promoting the sale of ENERGY STAR® qualified CFLs as a school fundraising program and introducing students, teachers, and their communities to CFLs and specialty lighting applications. The program helps increase awareness of the energy-efficient lighting products available to consumers. Participating schools/organizations receive 50% profit from CFL sales and free educational assemblies/classroom presentations to demonstrate to students, parents and the educational community the environmental and economic benefits, and energy efficiency of CFLs. Program may be expanded to LEDs and other advanced lighting technologies in the future.

Eligible Measures

Measure	kWh/unit	kWh/unit
CFL 15w	66	0.01
CFL 20w	80	0.02
CFL 25w	110	0.02
CFL 15w daylight	66	0.01
CFL 20w daylight	80	0.02
CFL 13w capsule	69	0.01
CFL 16w reflector	64	0.01

The list and calculations are for CFLs sold during the 2006-07 school year based on Lights for Learning partner, Midwest Energy Efficiency Alliance and 4 hours use per day.

The Department of Commerce and Economic Opportunity reserves the right to revise eligible measures as needed in accordance with current market conditions, technology development, EM&V results, and program implementation experience.

Implementation Strategy	<p>The Midwest Energy Efficiency Alliance (MEEA) has administered the program for DCEO the past four years. With DCEO funding of \$60,000, an average of 15 schools each year participated. During the latest school year, 6,502 CFLs were sold. DCEO has increased funding to \$120,000 this year with a goal of 30-40 sales groups and 12,000 CFL sales. In addition, ComEd has partnered for the 2007-08 school year contributing funding of \$120,000, which should bring in 30-40 additional sales groups and 12,000 CFL sales. The program will be further expanded under the EEPS program. K-12 schools will continue to be the target audience through recruitment efforts listed below in Marketing Strategy.</p> <p>MEEA negotiated the best price through Energy Federated Inc. for a variety of CFLs, including specialty lamps, allowing schools to sell at a competitive price and receive 50% profit. Applied Proactive Technologies, Inc. (APT) partners with MEEA to provide program implementation. Recruited school groups host a kick-off presentation or assembly tailored to meet the needs of each group. The assemblies include activities such as hands-on lighting demonstrations, energy bike display, Q&A sessions, and home energy audit information. APT supplies marketing material, follow up, sales support, and final program award presentations. Individual sales incentives, such as tee-shirts, are provided.</p>
Marketing Strategy	<p>Marketing strategies include blast faxes and emails to DCEO Illinois Sustainable Energy Project (ISTEP) contacts, IL State Board of Education and various environmental list serves, web announcements, phone calls to past participants and distribution of marketing materials such as order forms, posters, and/or tip cards at appropriate events and workshops.</p>
Incentive Strategy	<p>The incentives range from \$1.50 applied to each traditional CFL to \$3.00 for each specialty CFL purchased for the fundraiser sales. Participating groups will also keep 50% profit as part of their fundraising efforts. Homes installing CFLs will benefit by reduced electricity energy use and energy costs.</p>
Milestones	<ul style="list-style-type: none"> • February 2008: Commission approval • February-May 2008: Begin marketing to expand number of participating schools; select contractor(s) • June 2008: Launch expanded program
EM&V Requirements	<p>The performance of the program administrator will be evaluated through surveys and interviews with administrators at participating schools.</p> <p>DCEO supports the proposed collaborative process to review the evaluation, measurement, and verification process and other aspects of the EEPS programs. Additional EM&V requirements will be added to the Program if recommended through the collaborative process or by the EM&V contractor.</p>
Administrative Requirements	<p>Administrative requirements were based on existing structure where DCEO provides a grant to a non-profit organization to administer the program.</p>

Estimated Participation

Measure	2008 Installations	2009 Installations	2010 Installations
CFL 15w	19,195	29,204	37,430
CFL 20w	9,094	13,836	17,733
CFL 25w	12,758	19,411	24,878
CFL 15w daylight	6,861	10,439	13,380
CFL 20w daylight	7,492	11,399	14,610
CFL 13w capsule	1,559	2,372	3,040
CFL 16w reflector	3,707	5,640	7,228
total bulbs	60,667	92,300	118,300

Projected participation levels are based on the past four years of program participation (CFLs sold) relative to the increased amount invested in the program. The actual number of bulbs available for sale may vary depending on the price negotiated with the vendor.

Estimated Budget

Estimated Budget				
Budget Category	2008	2009	2010	Total
Incentives	\$ 140,000	\$ 213,000	\$ 273,000	\$626,000
Admin & Implementation	\$ 260,000	\$ 387,000	\$ 527,000	\$1,174,000
Marketing	\$0	\$0	\$0	\$0
Total	\$400,000	\$600,000	\$800,000	\$1,800,000

Estimated Budget - ComEd				
Budget Category	2008	2009	2010	Total
Incentives	\$103,676	\$157,081	\$201,650	\$462,407
Admin & Implementation	\$192,541	\$285,400	\$389,267	\$867,208
Marketing	\$0	\$0	\$0	\$0
Total	\$296,217	\$442,481	\$590,917	\$1,329,615

Estimated Budget - Ameren				
Budget Category	2008	2009	2010	Total
Incentives	\$36,324	\$55,919	\$71,350	\$163,593
Admin & Implementation	\$67,459	\$101,600	\$137,733	\$306,792
Marketing	\$0	\$0	\$0	\$0
Total	\$103,783	\$157,519	\$209,083	\$470,385

The split between incentives and administration costs is based on estimates from MEEA and may vary depending on the bulb price that is negotiated with vendors.