

# Program Planning Template

## 2014 – 2017 Programs

### GY 4 – 6; EY 7 - 9

Program Applicable for: Ameren \_\_\_\_\_ ComEd \_\_\_\_\_ DCEO X \_\_\_\_\_  
 Nicor \_\_\_\_\_ People's Gas/North Shore Gas \_\_\_\_\_

<b>Program Name</b>	<b>Building Operator Certification</b>
<b>Objective</b>	To reduce energy usage and increase comfort and air quality in commercial, industrial, and public facilities by providing training to operations and maintenance staff working in Illinois buildings.
<b>Target Market</b>	Targeted market includes building operators, building engineers, maintenance staff, and facilities managers responsible for operations and maintenance of facilities.
<b>Program Duration</b>	06/01/2014 through 05/31/2017
<b>Program Description</b>	<p>The Building Operator Certification® (BOC) program is a nationally recognized, competency-based training and education program. The training program provides building operators with the tips and tools to maximize efficiency, reduce energy usage, and improve comfort through no-to-low cost operations and maintenance strategies. The program is delivered in a traditional classroom format and includes eight full-day courses taught by industry experts. Course topics include HVAC systems &amp; controls, facility electrical systems, efficient lighting fundamentals, energy conservation techniques, and indoor air quality. In addition, the curriculum includes five in-facility projects to help students apply the concepts learned in class to their own facilities.</p> <p>Level II training is designed for those individuals who have received Level I certification or who have three or more years of experience working in operations and maintenance of a commercial or institutional facility.</p>
<b>Eligible Customers</b>	Building operators, energy managers, HVAC technicians, and others in the facility operations and maintenance (O&M) field with two or more years of O&M and/or energy management experience, or alternatively one year of experience and one year of related technical college level education. To be eligible for rebates students must be customers of Ameren IL, ComEd, Nicor, Peoples Gas or North Shore Gas.
<b>Eligible Measures</b>	BOC is an education and training program designed to engage building operators in energy efficiency, with a focus on O&M. A third party evaluation will estimate energy savings achieved by the building operators.
<b>Implementation Strategy</b>	MEEA will organize and coordinate workshops and training, with contractor assistance, to educate building operators in the most up to date strategies for energy efficient facilities throughout the state of Illinois.
<b>Marketing Strategy</b>	Publicize workshops through trade publications, associations and industry groups (ASHRAE, ISPE, AIA, State Board of Education, Community College Board, Higher Ed, IML, APEC, etc.). Work with utility companies to identify commercial and industrial customers with appropriately sized facilities and promote training. Work with DCEO partners to cross-promote energy efficiency programs. Collaborate with building owners and sustainability managers to offer BOC to their O&M teams.

<b>Program Name</b>	<b>Building Operator Certification</b>										
<b>Incentive Levels</b>	<p>DCEO will use EEPS funds to provide rebates to employers of BOC graduates to reduce the cost of training and incentivize attendance.</p> <p>Each student that successfully earns the Building Operator Certification is eligible for a rebate upon completion. To earn the rebate the student must pass all tests, complete all projects, attend 5 out of 7 classes and complete the certification application.</p> <p>Level II certification requires participants to attend four core courses and two supplemental courses (61 hours of training, 6.1 CEUs) and complete class exams and projects.</p> <p>The proposed rebate amount for 2014-17 is \$500 per graduate.</p> <p>BOC Renewal Scholarships – DCEO will provide up to 100 BOC Illinois graduates with a \$55 incentive to renew their BOC Certification.</p>										
<b>Milestones</b>	<ul style="list-style-type: none"> <li>• <b>February 2014:</b> Commission approval</li> <li>• <b>March-May:</b> Final program design and protocol development</li> <li>• <b>June 2014:</b> Public Sector New Construction Program launch (for 2014 through 2017)</li> </ul>										
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<b>Other Program Metrics</b>	<p>MEEA will coordinate seven Level I BOC trainings in Y1, seven in Y2, and seven in Y3. Each series consists of eight full days of training. The number of series will remain at seven per training year to maintain statewide coverage but can be increased if demand and DCEO incentive funding grows. The goal is to train 120 operators in Y1, 125 in Y2 and 130 in Y3.</p> <p>Level II series will be offered intermittently depending on the number of Level I series conducted in a geographic area and/or on number of Level I graduates in that area.</p>																																																																																																	