

## CEE Member Programs: Commercial Programs

### A. Organizational Details

1. What organization sponsors the program(s)? Puget Sound Energy (WA)
2. Which of the following best describes the program sponsor? (*Check one.*)
  - Utility
  - Nonprofit “efficiency utility”
  - State Government
  - Regional Program Administrator
  - Public Service Commission
  - Other:
3. Please list the State(s) where the program is offered. (*If programs differ across state lines, please fill out one questionnaire form for each state.*)
4. What is the geographic scope of the program(s)?
  - Smaller than statewide
  - Statewide
  - Service territory in more than 1 state (*describe*)
5. How large is the customer base served by your commercial programs? 90,000 customers
6. Do you differentiate your programs according to specific commercial target markets?
  - No
  - Yes → Please mark all that apply:
    - Commercial Real Estate (separate owner/tenant)
    - Hospitality
    - Restaurant/Food Service
    - Corporate Real Estate (owner-occupied)
    - Retail
    - Schools
    - Health Care
    - Other (*please specify*):

Also target commercial customers by portfolios of facilities (usually >million sqft) and local governments.

### B. Whole Building Program Approaches

7. Please mark all of the following whole-building elements that you include in your program? *Please see the attachment for general descriptions of whole-building program elements and examples.*
  - Obtain upper management commitment to program
  - Measure whole-building energy performance (benchmark)
  - Identify and screen building candidates and project opportunities (e.g., scoping studies, screening audits, RCx)
  - Re-assess building performance
  - Coordinate recognition
  - None
  - Other (*specify*)
8. Do you incorporate ENERGY STAR®’s Portfolio Manager benchmarking tool in your commercial programs?  Yes  No
9. Please briefly describe your whole-building program approach and how you are measuring improvement in whole-building energy performance.

**Resource Conservation Manager** program incorporates some whole-building elements. The RCM program is available to any school district, public–sector government agency, and commercial or industrial

customers, with the focus on larger customers with multiple facilities. The RCM program takes an all resource approach. PSE will provide incentives (typically 25% of the first year salary) to help an organization fund a "Resource Conservation Manager". This person would have assigned responsibilities that include increasing efficiency and reducing costs of electricity, natural gas, water and sewer (among other utilities). Typical program participants have at least one million square feet of conditioned space and an annual utility/resource budget of over two million dollars to support a full time RCM (smaller organizations can also benefit by using a part time position or incorporating RCM tasks into an existing position).

PSE's RCM program is comprised of a "menu" of service features which can be negotiated to meet the specific needs of the customer. Typical services include: Assist customer in designing and implementing an RCM program; Assist customer in hiring or contracting a Resource Conservation Manager; Provide assistance in developing baselines, resource policy and facility plans; Assist in analyzing and reporting savings relative to established baseline; Provide training for Resource Manager and other facility personnel such as custodians and maintenance staff; Provide educational materials for classroom or building occupant use; Provide PSE billing data in electronic format for import into resource accounting software; Provide cash incentive programs for specific actions by occupants and staff in individual facilities that reduce energy consumption; Provide metering solutions for web viewing of facility gas and electric meter data.

RCM also helps identify and champion projects which qualify for additional PSE incentives such as: Lighting System Improvements; HVAC Systems and Controls; Building Thermal Improvements; Water Heating System Improvements; and Retro Commissioning. In addition, PSE will provide a salary guarantee that the customers' total resource bill savings achieved by RCM activities relating to occupant and behavioral practices and improvements in operational and maintenance (O&M) practices, exceed the salary of the RCM. PSE will assist in selection, purchase, and set-up a Resource Accounting System software and support maintenance fees.

**New construction.** In new construction, PSE supports a whole-building, integrated design for large buildings. Customer must utilize energy simulation tools to compare the energy performance of the proposed building to an energy code baseline model. Incentives are tiered (\$0.40/sq.ft. for 10% above code baseline; \$1.20/sq.ft. for 30% or greater above code baseline. Commissioning assistance is also available.

## C. Overview of Program Offerings

10. In the following table, please list, by name, all programs that impact commercial buildings. *Navigate through the table with the tab key.*

- Please categorize the **Program Type** by letter in the second column, using the scheme below (*List all that apply*):  
 A. Prescriptive      B. Custom      C. Standard Performance Contract      D. Loan or financing      E. Other (*specify*): whole building
- Please categorize the **Technology Type** by number in the third column, using the scheme below (*List all that apply*):  
 1. Lighting              2. Commercial Kitchens              3. Data Centers              4. HVAC  
 5. Retrocommissioning              6. Building Envelope              7. Other (*specify*) Industrial process, energy recovery; occupancy sensors(4)

Program Name & Website	Program Type (A - D)	Tech. Type (1-6)	New construction (NC) or Existing Bldg. (E)	Eligibility E.g. Sq. ft or kW limit (provide)	Training? (Y/N)	Audits? (Y/N)	Focus: Upstream (U) and/or Downstream (D)	Contact Person/email	Year Begun & Length of Budget Cycle*	Current Program Budget
<b>1. CI Retrofit</b> <a href="http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx">http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx</a>	B	1,2,3,4,6,7	E		N	Y	D	Bill Younger bill.younger@pse.com	2 years	\$10 million
<b>2. Resource Conservation Manager</b> <a href="http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx">http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx</a>	B	1,2,4,5,6	E	sq.ft	Y	Y	U,D	Lori Moen lori.moen@pse.com	2002?? 3 years	\$1.5 million
<b>3. New Construction</b> <a href="http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx">http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx</a>	A,B,E	1,2,3,4,5,6	NC		N	N	U,D	Holly Townes Holly.Townes@pse.com	2 year	\$2 million
<b>4. Small Business Lighting</b> <a href="http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx">http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx</a>	A	1	E	50 kW or less	N	(contractor audits)	U	Lee James Lee.james@pse.com	2 year	\$2 million
<b>5. Commissioning</b> <a href="http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx">http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx</a>	A	5	E, NC		N	Y	D	Holly Townes Holly.Townes@pse.com	2 year	\$1 million

Program Name & Website	Program Type (A - D)	Tech. Type (1-6)	New Construction (NC) or Existing Bldg. (E)	Eligibility E.g. Sq. ft or kW limit (provide)	Training ? (Y/N)	Audits? (Y/N)	Focus: Upstream (U) and/or Downstream (D)	Contact Person/email	Year Begun & Length of Budget Cycle*	Current Program Budget
<b>6. C&amp;I Rebates</b> <a href="http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx">http://www.pse.com/solutions/ForBusiness_EfficiencyPrograms.aspx</a>	A	2,4	E, NC		N	N	D	Doug Dickson	2002, 2 year cycle	\$2 million
* The length of your budget cycle in years									Total:	\$18.5 million

11. Do your commercial programs reference one or more energy efficiency specifications?  
 Yes → *Please list:* CEE Tier II on HVAC, Energy Star appliances  
 No
12. Do your commercial programs co-sponsor marketing campaigns with ENERGY STAR?  
 Yes → *Please list:* Commercial Appliances, Commercial Washers, Transformers  
 No

#### **D. Program Evaluation and Performance**

13. What specific indicators or metrics are used to evaluate and assess the impacts of program activity? For example, kW or kWh saved, trainings attended, rebates provided, etc.  
kW and therms saved, trainings attended, rebates provided, third party program evaluation (TRC, \$/kwh \$/therm saved)

14. For programs incorporating training, building benchmarking, or behavior improvements, are you receiving credit for savings from regulators?  No  Yes

If Yes, how is program credited?

Portfolio tracked and benchmarked, claim credit for approximately 5% annual savings that are trued up at the end. Measure incremental savings through three years.

15. Please briefly describe the most unique feature(s) of your program.

Focus on energy information and education where they teach people to do their own audits. Not individual programs, but more comprehensive to capture any energy savings that can be proven by customer.

16. Are past program evaluations available to the public?

Yes → Please tell us how these can be obtained. Call program manager.

No → Check one:

Past evaluations are confidential

Program has not been evaluated



**Thank you for taking the time to complete this summary! Please return to [sloucks@ceel.org](mailto:sloucks@ceel.org) or fax to Susan at 617-589-3948**