

**SCHEDULE 83  
BUILDING EFFICIENCY  
PROGRAM**

AVAILABILITY

Service under this schedule is available throughout the Company's service area within the State of Oregon to commercial building owners or developers who construct or remodel commercial buildings that will take service under the Company's Schedule 7, Schedule 9, or Schedule 19 upon completion. (C)

APPLICABILITY

This schedule is applicable to commercial buildings scheduled to undergo new construction, expansion or major renovations. Applicable major renovations must include professional design services, substantial replacement of major building components, and be subject to review by code authorities. (C)

PROGRAM DESCRIPTION

Building Efficiency is an incentive-based program designed to help cover a portion of the costs of designing and building energy efficiency features into commercial construction projects. Building Efficiency uses a prescriptive approach to provide incentives for specific lighting and cooling efficiency options. (C)

INCENTIVE STRUCTURE

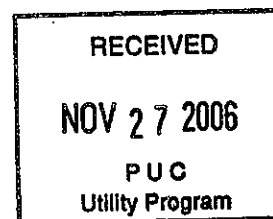
To be eligible for an incentive, installation of the qualifying equipment cannot have started prior to January 1, 2006. Incentives will not be paid for measures required by Oregon code, mandated by federal standards, or otherwise required. Incentive payments will not exceed 100% of the installed cost for any specified measure. Eligible projects are subject to a maximum incentive cap of \$100,000 per project. (C)

<u>Applicable Measures</u>		
<u>Measure Type</u>	<u>Incentive</u>	<u>Eligibility Requirements</u>
Premium performance windows	\$1 per square foot	Premium performance windows must be certified according to the test procedures established by the National Fenestration Rating Council (NFRC) and meet the Commercial Window Initiative (CWI) minimum specifications. (C)
High performance windows	\$0.50 per square foot	High performance windows must be certified according to the test procedures established by the National Fenestration Rating Council (NFRC) and must have a U-Factor rating of 0.42 or below and a Solar Heat Gain Coefficient of 0.40 or below. (N)
Reflective roof treatment	\$0.05 per square foot of roof treatment	Reflective roof treatments must meet total initial solar reflectivity of 0.70 and an emissivity of 0.75 consistent with California's Title 24 standards for flat or minimally pitched roofs. (C)

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By John R. Gale, Vice President, Regulatory Affairs  
1221 West Idaho Street, Boise, Idaho

OREGON  
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rendered on and after  
January 10, 2007

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PROGRAM  
(Continued)**



**INCENTIVE STRUCTURE (Continued)**

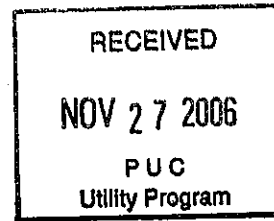
<u>Applicable Measures (Continued)</u>		
<u>Measure Type</u>	<u>Incentive</u>	<u>Eligibility Requirements</u>
Air side economizer	\$75 per ton of air conditioning economized	Applicable economizers must allow outdoor air capacity to meet at least 85% of an air conditioning unit's airflow rate coupled with a programmable thermostat capable of two-stage cooling controls. Limited to applications where economizers are not already required by code.
Premium efficiency air conditioning and heat pump systems	\$75 per ton of air conditioning	Systems with single-phase units of 5 tons of cooling capacity or less must meet Consortium for Energy Efficiency (CEE) minimum specifications as set forth in Tier II of the High-Efficiency Commercial Air Conditioning and Heat Pumps Initiative (HECAC). All other systems must meet the CEE minimum specifications set forth in Tier I of the HECAC initiative.
Additional air conditioning unit efficiency bonus	\$2.50 per ton of air conditioning for each 1/10 unit of (S)EER above the standard	Air conditioning units that exceed the HECAC Tier II standard are eligible for an additional incentive paid on the basis of the unit's cooling capacity (in tons) multiplied by each 1/10 of a point that the Seasonal Energy Efficiency Ratio (SEER) or Energy Efficiency Rating (EER) exceeds the HECAC Tier II specified minimum.
High performance complex cooling system	\$250 per ton of air conditioning for each unit of COP above the standard	Complex systems without SEER or EER ratings are eligible for an incentive paid on the basis of the unit's cooling capacity (in tons) multiplied by the amount that the Coefficient of Performance (COP) exceeds the minimums specified in Table 13-O of the 2004 Oregon Structural Specialty Code.
Variable speed drives	\$60 per horsepower	Variable speed controls for fans, pumps and other variably-loaded electric motors between 5 and 100 horsepower operating a minimum of 2,000 hours annually are eligible for an incentive when installed in accordance with Institute of Electrical and Electronics Engineers (IEEE) Standard 519.
Energy management control system	\$0.30 per square foot of controlled space	Systems must provide automatic control of lighting, heating, cooling or other energy using systems and operate under a control schedule that results in energy savings over standard operation subject to verification by the Company.
Demand Controlled Ventilation (DCV)	\$0.50 per CFM of HVAC unit airflow	DCV systems must automatically adjust ventilation rates based on occupancy levels using carbon dioxide sensors. HVAC systems must include outside ventilation capacities of at least 1,500 cubic feet per minute (CFM) and serve areas with variable occupant loading.
Reduced power density lighting system	\$0.05 per square foot covered by the lighting	Lighting systems designed with a lighting power density (LPD) that is at least 10 % below the 2004 Oregon Structural Specialty Code as detailed in Table 13-G will be eligible for this incentive.

(D)  
(C)  
(C)  
(N)  
  
  
  
  
  
  
  
  
  
  
  
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(C)

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INCENTIVE STRUCTURE (Continued)

<u>Applicable Measures (Continued)</u>		
<u>Measure Type</u>	<u>Incentive</u>	<u>Eligibility Requirements</u>
Daylighting photo controls	\$0.25 per square foot of daylit space	Daylighting photo controls dim or turn off electric lights in response to levels of natural daylight. To qualify for an incentive, the design must include a consultation with the Integrated Design Lab or other qualified daylighting professional.
Occupancy sensor controls	\$25 per sensor installed	Occupancy sensors are automatic switching devices that sense human occupancy and control the lighting system accordingly. Either wall- or ceiling-mounted sensors are eligible where not already required by code.
High efficiency exit signs	\$7.50 per installed sign	Any code compliant exit sign that draws less than 4 watts per sign face including, but not limited to, light emitting diode (LED), cold cathode, electroluminescent, or self-luminous exit signs are eligible for an incentive.

(D)  
(C)  
(R)  
(D)

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