Energy Trust of Oregon

2009 Lighting + Existing Buildings Proposed Incentive Changes

December 3, 2008

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Incentive Changes

- Effective February 1, 2009
- Changes based on:
  - review of installs
  - conversations with lighting trade allies
- Incentive changes are designed:
  - to install more efficient, more appropriate equipment
  - to acquire persistent kWh and therm savings
  - gain more market knowledge

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Prescriptive Lighting Changes

- Existing Buildings, New Buildings, Multifamily, Production Efficiency
- Increase incentives:
  - 2 lamp, 8’ T12 to 2 or 4 lamp, 4’ T8 (retrofit kit) from $20 to $30
  - 2 lamp, 8’ T12 to 8’ T8 from $8 to $15 (requires 24,000 hours rated life @ 3 hr start)

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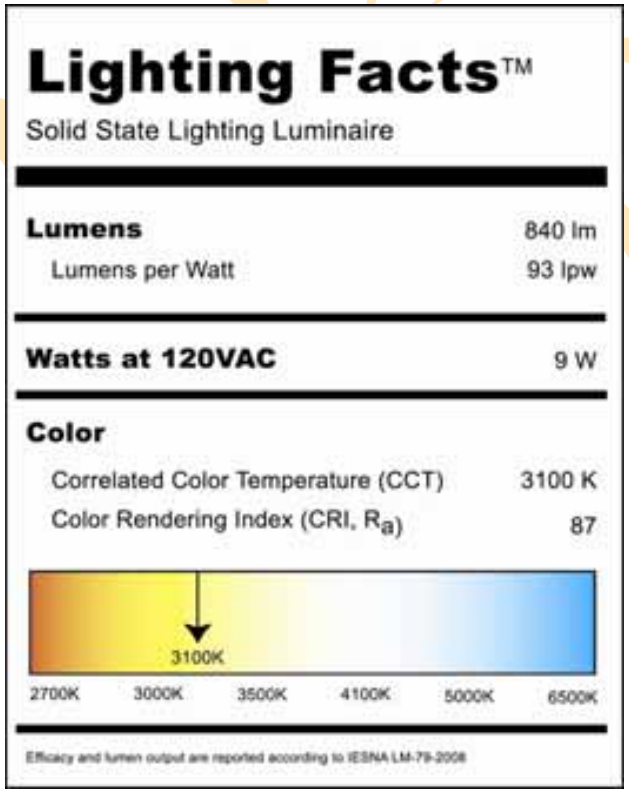
Prescriptive Lighting Changes Cont'

- New incentive:
  - Solid State Lighting
    - incandescent down light to LED LLF - TBD
  - SSL Spec
    - Must use Lighting Facts
    - LM80
      - 50 lm/w 2009
      - 60 lm/w 2010
      - 70 lm/w 2011
- Pilot incentives:
  - high bay fixtures, over 5,000 hrs/year, 45% to 50% of installed cost
  - high bay test fixtures – industrial applications - TBD



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Custom Lighting Changes

- Existing Buildings, Multifamily, Production Efficiency
- Increase:
  - custom incentive from 30% of installed cost to 35% of installed cost
    - consistent with BETC
  - custom incentive cap from $0.15/kWh to $0.17/kWh

Prescriptive Mechanical Incentive Changes – Existing Buildings

- Potential incentive changes:
  - condensing boilers - from $4 to $6, reviewing operating hrs of installs
  - insulation - change spec to address low insulation levels and not just address zero insulation
    - $0.10 per sq ft for partial insulation (current is $0.20 per sq ft)
  - radiant heating – reviewing installs, adjust incentives and equipment spec
  - package RTU < 5 tons – require economizer, reviewing code requirements

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Custom Incentive Changes – Existing Buildings

- Current - $0.20/kWh and $1/therm, up to 35% of incremental cost
- Proposed Short Term Kicker
  - $0.25/kWh and $1/therm, up to 50% of incremental cost
  - available – January 1st – June 30th
  - projects must be completed by end of 2009

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Existing Buildings – 2009 Changes

- Seamless integration with Solar Electric and Solar Thermal
- Datacenters/IT/Computers – Q2
- Operations + Maintenance – Q2
- GreenStreet Lending – preferred rate lending from Umpqua Bank

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Discussion + Questions?

- Finalize prescriptive equipment specs and incentive changes
- Share lighting changes during January statewide road shows
- Share mechanical changes through communications and meetings with trade allies and ATACs