

Energy Facility Siting in Oregon

Solar Work Group Meeting

Fort Smith State Park

Friday October 15, 2010

Siting Overview

- Large energy facilities in Oregon are under the jurisdiction of the Oregon Energy Facility Siting Council (Council).
- The Oregon Legislature determined which types of energy facility require Council review.
- The decision process is based on a series of standard.

Energy Facility Siting Council

- The energy facility siting council or EFSC is comprised of seven Oregon citizen volunteers appointed by the governor.
- Each member serves on four year term, and can be appointed to a second term.
- The council is geographically diverse with members coming from across the state; Pendleton, Hermiston, Milton Freewater, Bend, Portland (3*) and Corvallis*

Key Standards

- Organizational Expertise
- Structural Standard
- Soil Protection
- Land Use
- Protected Areas
- Retirement and Financial Assurance
- Fish and Wildlife Habitat
- Threatened and Endangered Species
- Scenic and Aesthetic Values
- Historic, Cultural and Archaeological Resources
- Recreation
- Public Services
- Waste Minimization Carbon Dioxide Emissions
- Need Standard for Nongenerating Facilities
- General Review Standards

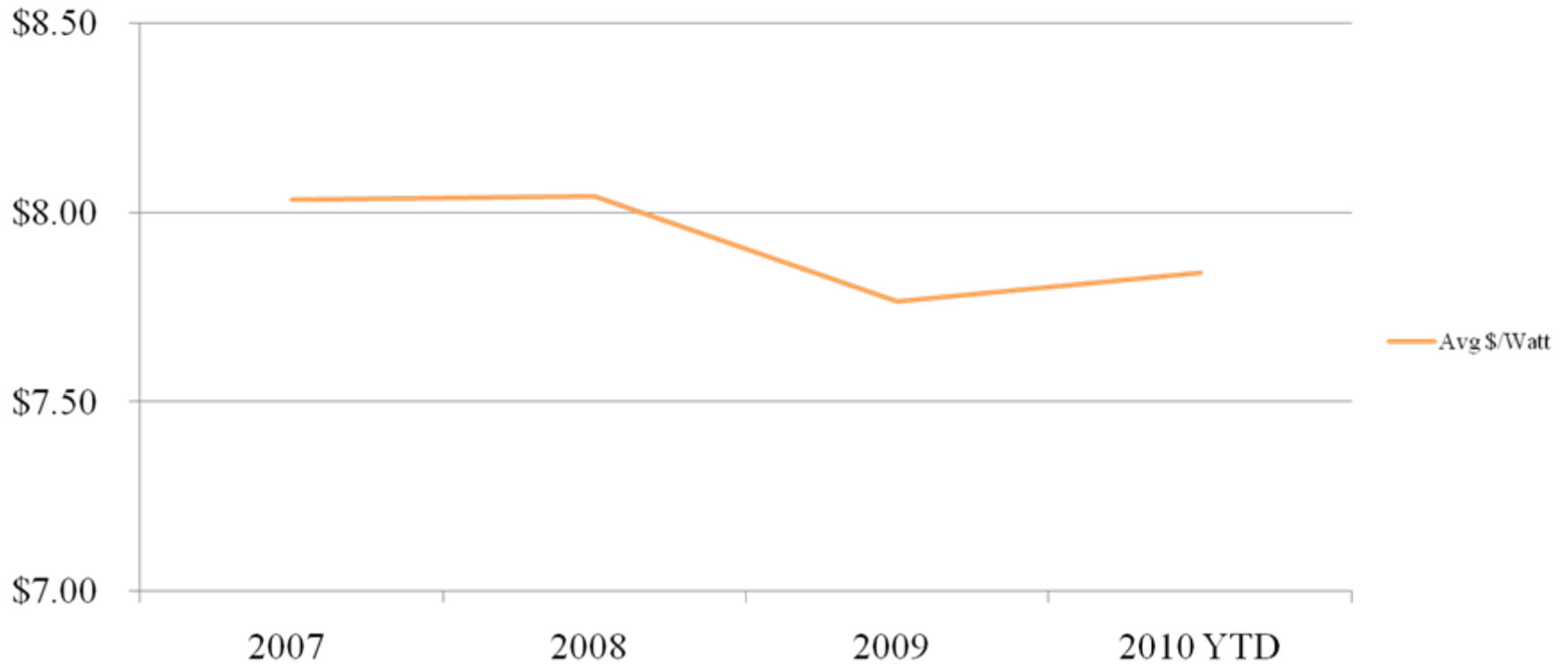
For more information

- Rules and Regulations
 - Primarily ORS 469.300 etseq
- Standards are listed at;
 - OAR 345 Division 22
 - OAR 345 Division 24
- Siting Website -
<http://www.oregon.gov/ENERGY/SITING/standards.shtml>

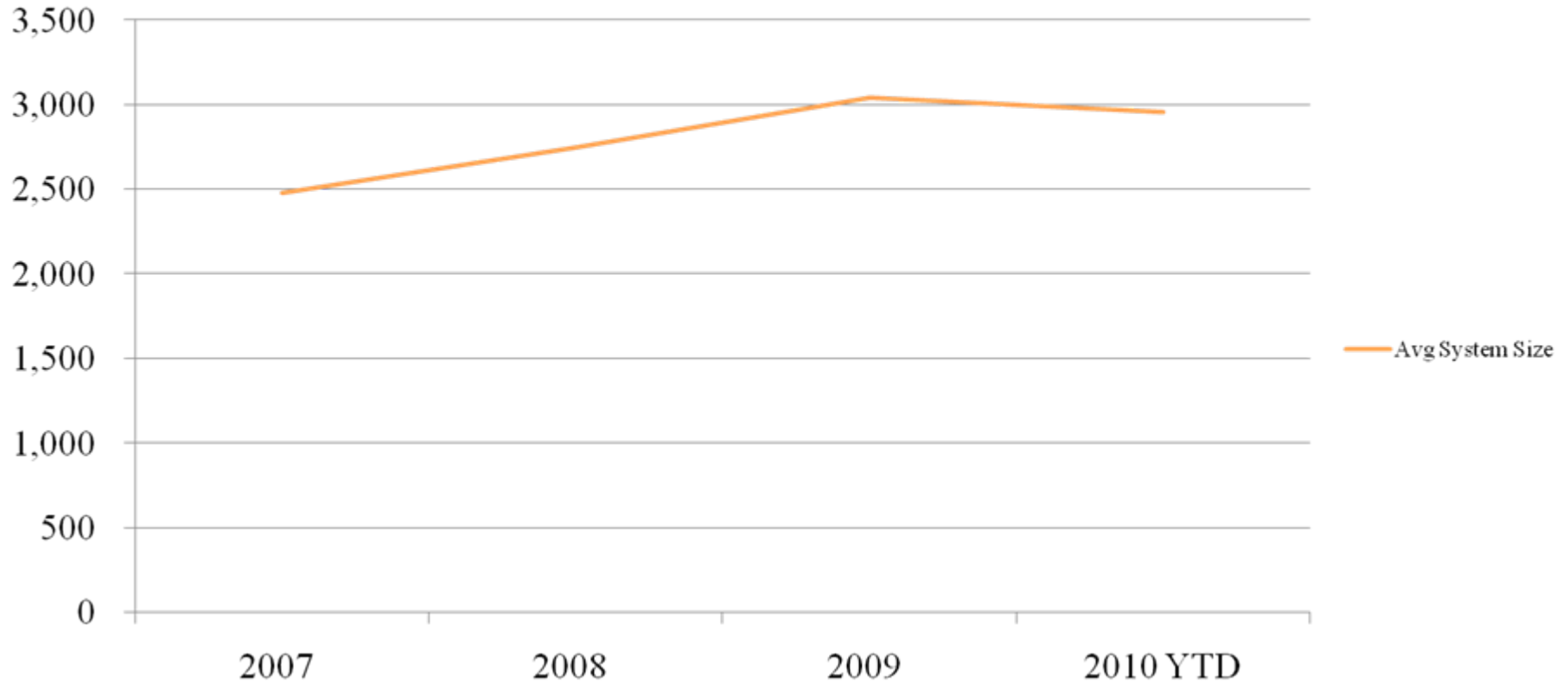
Solar Energy Primer

- For EFSC a solar project becomes jurisdictional at;
 - 100 Acres
 - 35 Average Generating Megawatts or 105 installed MW
- To date, large commercial solar arrays have not been proposed, however -

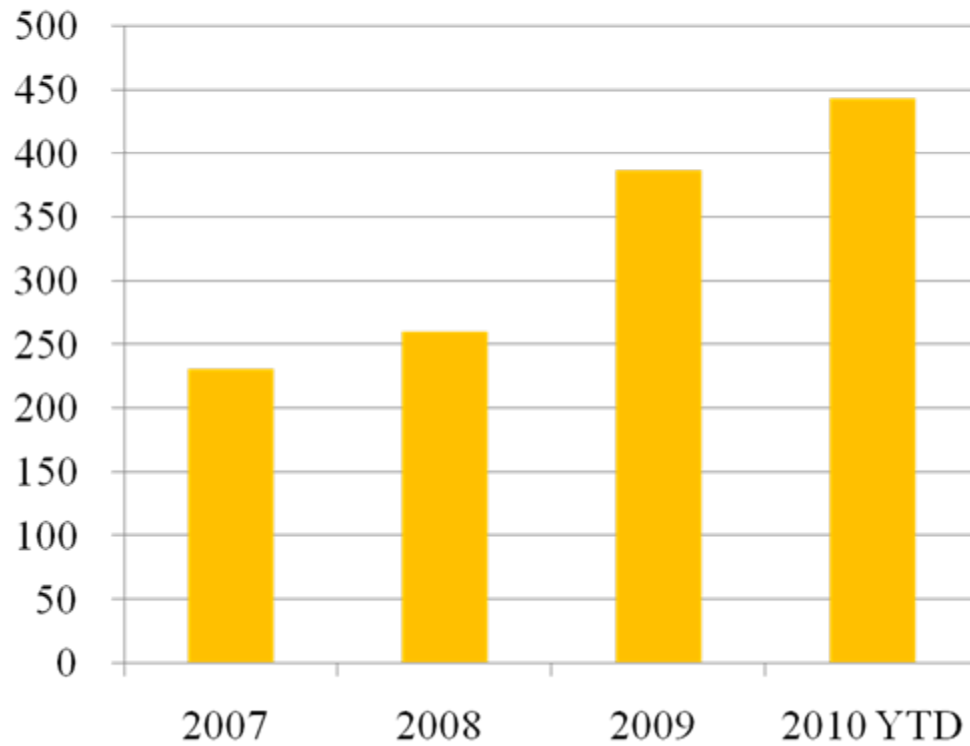
Average Cost (\$/Watt) for Residential PV Systems in Oregon



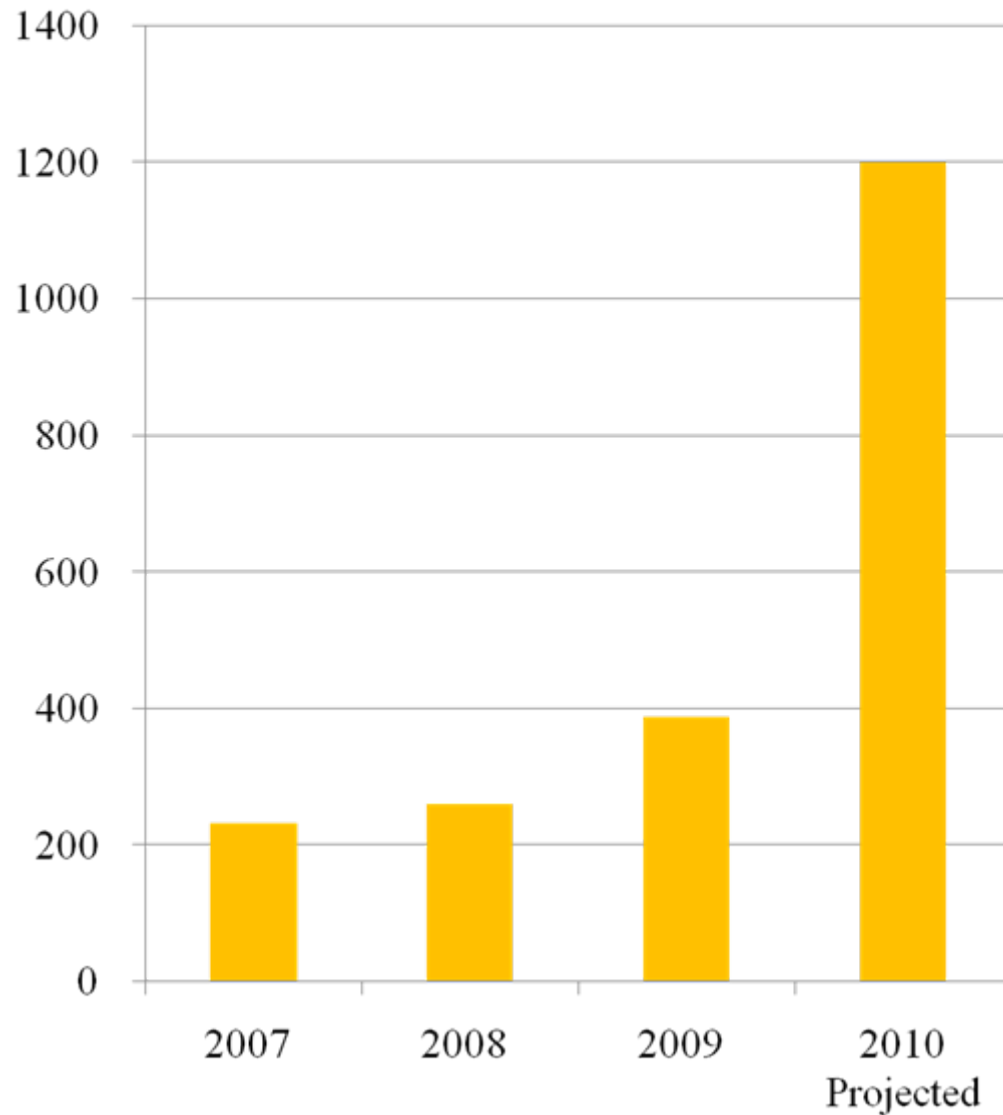
Average Size (Watts) of Residential PV Systems in Oregon



Residential PV Installations by Year



Residential PV Installations by Year



Commercial Solar Installations 2010 Policy Update

1. HB 3680
2. Changes to the BETC
3. Changes to the RETC

HB 3680

- 300 million biennial cap on program
- Eliminates “multiple” projects
- Eliminates 10% cost overrun
- Provides performance standards and “claw backs”
- Reduces maximum “big” wind credits from \$10mil to \$3.5mil

Business Energy Tax Credit

- Program divided into 3 tiers
 - Tier 1: Project cost < \$500K
 - Tier 2: \$500K < Project Cost < \$6mil
 - Tier 3: Project Cost > \$6mil

Business Energy Tax Credit

- Program divided into 3 tiers
 - Tier 1: Ongoing, non competitive
 - Tier 2: Competitive ~3 rounds per year
 - Tier 3: Very Competitive, 1 or 2 rounds

Questions

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