

# BPA and Public Utility Energy Efficiency Programs and Services

Presentation to ACWA Workshop  
Salem, OR  
June 4, 2009



# Programs and Services

- BPA provides energy efficiency programs and support services through our public utility partners in the Pacific Northwest
- Programs, incentives and technical assistance are available in all sectors
- Water and wastewater projects that save electrical power are eligible
  - Typical measures include pumps, blowers, fans, compressors, disinfection, HVAC
  - Other possibilities are SCADA, H2O conservation, effluent reuse, energy recovery device



## Programs and Services

- Water and wastewater projects are generally custom projects
- Deemed incentives also offered
  - Lighting, green motor rewinds
- Custom projects require submission of custom project proposal through local utility
  - Must include a Measurement and Verification (M&V) plan
- Custom project proposal must be approved by BPA before equipment is purchased



# Programs and Services

- Custom project proposals include:
  - Baseline & proposed measure descriptions
  - Estimated energy savings (kWh)
    - Baseline usage – Proposed usage
  - Estimated project cost (\$)
  - Estimated O&M savings (\$)
  - Non-energy benefits (\$)
  - Facility energy rates (\$/kWh, \$/KW)
  - M&V plan



## Programs and Services

- Incentives available:
  - *Existing facilities*: \$0.17/kWh-\$0.20/kWh (up to 70% of incremental project cost)
  - *New facilities*: \$0.27/kWh (up to 70% of incremental project cost)
- Incentives may vary by utility
- Incentives paid based on verified savings



# Programs and Services

- Technical assistance
  - Professional engineering services available to identify energy efficiency opportunities
  - Service agreement negotiated for each engagement
  - Measurement & Verification assistance
  - Metering assistance



# Programs and Services

- Custom project process:
  - Contact local utility conservation department
    - Communication early in design process is recommended for the most efficient design and maximum potential incentive
  - Custom project proposal prepared by design team
  - Custom project proposal submitted by the local utility
  - Upon approval, confirmation sent by BPA



## Programs and Services

- Custom project process (continued):
  - Project implemented
  - Measurement & Verification completed
  - Completion report submitted by local utility
  - Incentives paid upon approval of completion report



# Programs and Services

- Questions?
  - Contact your local public utility
  - Mark Ralston 503-230-3175  
[mdralston@bpa.gov](mailto:mdralston@bpa.gov)
  - Erik Boyer 509-625-1392  
[ebboyer@bpa.gov](mailto:ebboyer@bpa.gov)

