

# Oregon and Washington Joint EFSC Meeting

October 28, 2010

# Today's Meeting

- First Meeting of the two State's Energy Councils
- Both Councils have decision making authority
  
- Four presentations today:
  - Bonneville Power Administration
  - Columbia Grid
  - Northern Tier Transmission Group
  - Iberdrola Renewables

# Meeting Goals

- To introduce the two Councils
  - Potential for future work
  - Potential for collaborative approach
- To hear and discuss at a high level:
  - Bulk electricity transmission
  - Grid operation and planning concepts
  - Renewable Energy Integration

# Oregon's Siting Council

- Seven Volunteers, appointed by the Governor, confirmed by the Senate
- Provide Policy Direction and Decisions on large energy projects
- Projects include:
  - Generation
  - Transmission
  - Natural Gas distribution and storage
- Process is Standards based

# Washington's Siting Council

- Six Professional Staff from State Agencies, Director is appointed by the Governor
- Provide decision making for large energy facilities
- Has delegated authority from EPA for CWA permitting
- Projects include
  - Generation
  - Transmission
  - Others
- Process is based on State's Environmental Policy Act

# A little context

- We live and operate within the Western Grid
- The Western Grid is fourteen western States, two Canadian Provinces, and portions of Northern Mexico
- Power is generated and moved throughout the grid
- Transmission decisions have grid wide implications
- Reliable operation of the Western Grid is administered through the Western Electric Coordinating Council or WECC

# What is WECC

## KEY FACTS

- Formed in 2002, predecessor, WSCC formed in 1967
- Largest geographic area of the eight Regional Entities
- Non-Governmental
- Industry participants join together to promote system reliability
- Voluntary Membership-driven (209 members divided into 7 membership classes)

# What is WECC

## Responsibilities

- Standards development
- Compliance monitoring and enforcement
- Reliability coordination

## Duties

- Transmission expansion planning and Modeling
  - Management of a comprehensive planning database
  - Coordination of subregional planning processes
  - System modeling to perform studies under a variety of scenarios to set operating policies and limits

# What is WECC

## Market-operations interface

- Ensure that competitive power markets do not negatively impact reliability

## Studies/Special projects:

- Western Interconnection Synchrophasor Program
- Regional Transmission Expansion Planning
- Variable Generation Study

What WECC doesn't do – make cost or siting determinations.

# Any Questions?

- Speakers
  - BPA - Syd Berwager
  - Columbia Grid – Jeff Miller
  - NTTG – Kip Sikes
  - Iberdrola Renewables – Laura Beane