Eastern Interconnection Planning Collaborative

# Approach to Locating Generation in Phase 2

TOTF Meeting

January 10-11, 2012

# Data Gathering

- Starting point power flow generation data, including capabilities, bus, area
- Match power flow data to NEEM regions
- NEEM generation by region to include:
  - Individual unit deactivations
  - Aggregate MW deactivations
  - Aggregate MW additions by type

# Quantify and Locate Deactivations

Guidance from Coal Unit Dispatch document:

- For large units, go unit by unit
- For smaller units, scale aggregate reductions
- Quantify MW deactivations by bus

# Non-renewable Unit Additions

- Nuclear locations determined by Planning Authorities based on Regional Practice and best available planning information
- Non-renewable additions
  - Locate at deactivation sites up to the deactivated capability at the location
  - Capability in excess of deactivation locations determined according to Regional Practice

# Excess non-renewable and renewables

- Each Planning Authority locates in its region based on available regional information including the following:
  - Current generation queue data
  - Transmission availability
  - Renewable resource potential assessments
  - Generation expansion siting studies
  - Energy zone assessments
  - Other public information

# Questions