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## MEMORANDUM

**TO:** Power Committee

**FROM:** John Fazio, Senior System Analyst

**SUBJECT:** Progress report on data reporting standard for adequacy assessment

An accurate and complete set of resource and load data is required to assess whether the region's power supply is adequate. To accomplish the task of collecting this data without duplicating efforts, the Forum suggested that the current PNUCC data request process be used. That process is being reviewed to assure consistency with agreed upon definitions and other reporting standards. The PNUCC sends out data requests in the fall of each year and prepares its Northwest Regional Forecast of Loads and Resources (NRF) in the late spring.

The NRF calculates the region's load/resource balance by aggregating data received from utilities and resource owners. In the past, the NRF load/resource balance has varied from the Council's estimates due to differences in load and resource assumptions. The Council develops its own regional load forecast, which often does not match the sum of all the individual utility load forecasts. On the resource side, there have been outstanding questions regarding what resources to count and how to count them. It is hoped that many of the resource issues can be resolved by developing a data reporting standard.

Some of the remaining issues include:

- How should wind resources be counted, both for energy and capacity assessments?
- What conservation should be included in the load forecast?
- What conservation should be included in the resources?
- How should planned resources or those under construction be counted?
- What hydro peaking capacity should resource owners report?
- How should uncontracted resources be counted?
- How should non-firm resources or out of region resources be counted?
- Should resources be counted for a calendar year or an operating year?

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**Data Reporting  
Standards for NW  
Resources and Loads**



# Outline

- What data are we talking about?
- Who collects this data now?
- What are we proposing?
- What are the remaining issues?



# What data?

- Electricity Demand
- Resources
  - Generating
  - Conservation
- Contracts with out-of-region parties

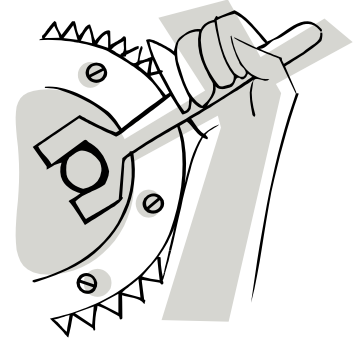
# Who collects data now?

- BPA – White Book
- PNUCC – NRF
- NWPP – Weekly reports
- Council – Power Plan



# What are we proposing?

- Use PNUCC data collection process
- Modify PNUCC process as needed for consistency
- Align PNUCC resource data with Council's database
- NRF aggregates loads & resources
- Council uses its own regional load forecast to compute L/R balance



# Remaining issues



- Wind
- Conservation
- Planned resources
- Resources under construction
- Hydro peaking capacity
- Uncontracted resources (e.g. IPP)
- Out-of-region spot market
- Operating vs. calendar year