

**Action Items for the  
Pacific NW Resource Adequacy Technical Committee  
December 6, 2005**

**High Priority Actions (lead person in parentheses)**

1. Develop a recommendation for the capacity metric (and target) and describe the methodology to be used. (Mary Johannis, BPA, Clint Kalich, Avista)
2. Assess the amount of surplus out-of-region capacity (all months) to be used in the LOLP calculations. Also, propose a process by which this data can be updated annually. (Mary Johannis, BPA)
3. Develop a methodology to benchmark the GENESYS model (i.e. verify that it produces accurate results) and use the benchmark to assess current analysis. (John Fazio, NWPCC)
4. Explore other options for calculating LOLP and recommend appropriate targets for each option (John Fazio, NWPCC)
5. Investigate whether LOLP methodologies in other Reliability Councils can help with this effort, e.g. understand which parameters are used in the probabilistic analysis and whether a threshold is used before curtailments are counted. (Mary Johannis, BPA)
6. Review the “cost” and impacts to risk of changing the LOLP target. (John Fazio, NWPCC)
7. Explain in more detail how the LOLP metric and target is translated into a load/resource balance metric and target. (John Fazio, NWPCC)

**Medium Priority Actions**

1. Develop data requirements and a data collection process (which will also address potential confidentiality issues) to allow assessment of resource adequacy to be done. (Wally Gibson, NWPCC; Mary Johannis, BPA)
2. Clearly define how resources are to be counted for both the energy and capacity metrics, including contracts. (Wally Gibson, NWPCC)
3. Define a planning horizon. (Wally Gibson, NWPCC)
4. Review the events of February 1989 and actions taken by the power system to avert a problem. (Mary Johannis and other staff, BPA)

**Low Priority Actions**

1. Examine how other regions enforce their standards. (Mary Johannis, BPA)
2. What is the hydro component in the resource mix in other parts of the country? (Mary Johannis, BPA)
3. Examine how resource supply adequacy is related to bulk transmission and distribution reliability. (Steve Weiss)
4. For what level of “protection” should the target be set for? (Steve Weiss)