BONNEVILLE POWER ADMINISTRATION

Transmission Business Line (TBL)

Proposed ATC Methodology

QUESTIONS AND REQUESTS FOR INFORMATION FROM PUBLIC POWER REPRESENTATIVES, REVISION

1 August, 2003

Some more questions on transmission demand limits:

1. Are NT loads forecasted on a basis coincident with the PODs of each NT customer, or coincident with the TBL Network system peak (or something else)?
2. What is the impact on ATC of using one-in-twenty or some other load forecasting standard, rather than one-in-two? Why did TBL pick one-in-two? Is this standard used for other TBL load forecasting purposes?
3. Are demand limits for federal and non-federal resources substitutes for one another?
4. Assuming that historical or "normal" generation and load patterns are used for <u>non-federal</u> resources and <u>non-NT</u> loads in the "hybrid" methodology (i.e., the combined contract/powerflow approach), how will those be updated over time, to maintain consistency with regular updates to NT load forecasts and changes in federal resource operations? Will TBL share its assumptions about non-federal resources and non-NT loads with individual customers? What is "normal": average water, critical water, some set of recent historical water conditions; recent loads, one-in-two loads?
5. Does the netting of generation assumed in the modeling create an obligation to net? If so, on whom does this obligation fall?
6. What is assumed about DSI transmission contracts?
7. Will the Willamette Valley generation be allocated to individual NT customers in the Eugene area? If so, how? Which specific NT customers are affected by this step in the analysis?
8. Has TBL updated its list of federal resources to include those added since 1996? If not, when will that take place?
9. What are the motivations for the October 1 deadline for responding to requests in the long-term queue?
10. How much netting of non-NT loads takes place in the contract accounting methodology? How much does this affect the resulting ATC?
11. The WECC methodology appears to general prohibit netting (June 2001 document @ 5). If so, then why does TBL propose to apply netting?
12. What is TBL's TRM methodology and what specific TRM values result from the TBL methodology?

13. What is the difference between TRM and CBM? For federal resources, who is responsible for reserving CBM: PBL, the NT contract holder, or someone else? What is the difference between those two concepts and "nonfirm ATC" (WECC methodology @ 12)?
14. Does PBL reserve firm transmission for "energy transactions" (WECC methodology @ 12)?
15. Can a flowchart be prepared (even very rough) that shows the way the hybrid methodology works: inputs, types of calculations, and outputs?
16. Could you walk completely through a specific calculation of the ATC results shown in the presentations of July 15, 2003 (e.g., "ATC Results Using Contract Accounting Methodology and H/K Generation Patterns", July 03 Paul to Allston)?