From: Avistia Corp

Sent: Thursday, August 14, 2003 7:12 AM

Subject: RE: Contract Lock Questions

John-

Here is a list of questions that we have on the Contract Lock discussions.

I understand that you have not had a chance to think about these in much detail, but at some point we would like to see them on the agenda.

Thanks!

Scott

From: Clark, Warren

Do we want to ask anything about how they determine flowability when the path is dynamically limited for the N-1 condition instead of only thermally limited? How do you determine flowability under N-1 conditions to maintain reliability?

From: Waples, Scott

Gentlepersons:

Following the last BPA Contract Lock meeting, I put together the beginnings of a list of questions that I think we should ask BPA. If anyone would like to add to the list, please advise- otherwise I will send these off to John Anasis early next week. Does anyone know who we should send these questions to at Grant and Chelan?

Thanks-

Scott

- It would appear that the proposed methodology relies upon loop flow (either within the Northwest or external to the Northwest) in order to work. If this is not the case, please advise how the extra capacity is created. If the methodology does rely on loop flow to add capacity at the flowgates, does BPA intend to address this additional loop flow through the NWPP or WECC Operations Committees?
- When will the "full case vs cut case" methodology question (which has a large impact on how loopflow impacts are shown) be decided?
- Non-Scheduled paths with multiple ownerships seem to present difficulties on several levels- and during the last Contract Lock meeting, two differing methodologies were proposed. Please clearly elucidate how this situation will be dealt with.
- As a follow-on question to the above, will BPA honor non-firm transactions on parallel systems?
- If, due to increased flows, additional generation dropping becomes required for internal outages on parallel systems, how will this be compensated?
- If a new generator located outside of the NW changes the flows on the flowgates and cuts are required, how will those cuts be allocated?
- Will generation on parallel systems be operated at their maximum in the cases so as to protect the parallel system transfer capability? If not, why not?

- If new generation is added which utilizes previously unused capacity on a parallel system and cuts then become necessary, how will those cuts be allocated?
- As above, will the loads on parallel systems be adjusted so as to maximize utilization on the parallel system so as to protect that system's capability? If not, why not?
- What is the modeling of the generation and load on parallel systems in the present cases? 90% of historical; whatever was in the case, or some other value set by the BPA Planning folks?
- If all paths are fully utilized and capacity on one of the paths is reduced due to an outage, how are the cuts allocated?
- If a particular generator is "best of class" to clear congestion, how will that generator be compensated?