

### Clarification Questions re. OATI OASIS Data Collection Proposal

1. We would like a list of the Transmission Providers that you will be able to access for their OASIS and tagging/scheduling information. Are there any large TPs for which you will not be able to access this data? We are specifically interested in OATI's ability to obtain the requested data from BPA, CAISO and PacifiCorp. After OATI informs us of the Paths for which data can be provided and the time frames for which the data is available, we will let OATI know our specific path/time frame needs so OATI can make a final firm price offer. We may be interested in obtaining data for all WECC defined paths, for which OATI can access the data. This may increase the number above 20.

**Answer:** All data is being accessed off an OASIS. There is no data coming from tagging. FERC requires that all schedules must be posted on OASIS after the fact, therefore all schedule data can be accessed off OASIS.

CAISO does not have standard OASIS and we have no ability to access their data. BPA and PacifiCorp **should** be available, I am assuming that these nodes are standard and can provide all the data in electronic format as defined by the OASIS templates.

2. We need to make sure we understand how OATI defines a "path" in the proposal (20 "paths"). It is our understanding that it is the WECC defined paths that may contain multiple owners and multiple POR/POD pairs? For example, is East of River (Path 49) considered a single path? Is data available on internal control area paths/cut planes, such as North of John Day? What information do you need from us to sum the ATC and scheduling data on a path? (For example, do you need POR and POD for each provider on the path?)

**Answer:** I was defining the paths as the OASIS posted paths. However it should be no problem to combine more than one OASIS path into one report. If you need additional paths to be accessed, let us discuss it.

3. The OATI proposal is to provide data for a 1-year period. At a minimum, we would like to do the analysis for the most recent three or four WECC seasons. This would be from June 2004 thru May 2005, to cover Summer 2004, Winter 2004-05 and Spring 2005. It would be helpful if we could also obtain data for Summer 2005 (June 2005 thru October 2005). Is the OASIS and scheduling information available for the above time periods?

**Answer:** As I mentioned earlier that some nodes have shut down and the data may not be available in electronic form and we will not be able to access that data for this report. Otherwise I see no problem with the time periods.

4. After a contract is signed with OATI, how long will it take for OATI to provide us the data? We are on a tight time schedule to do this analysis for the U.S. DOE as part of their western congestion study.

**Answer:** We are looking at this to be 12 weeks contract.

5. For Item 4. in the proposal (scheduling data), can “hour total of all tagged schedules” be provided in both directions on the path? (for example, totaled for both North to South and South to North direction) Can the schedule data also be separated into “firm” and “non-firm”, totaled for each direction?

**Answer :** Yes. We are only accessing this data off an OASIS and we should be able to separate between Firm and Non-Firm reservation that is used for the schedules. Again we are not accessing any tagging data. It is possible that number of transmission providers post their tags as schedules on OASIS.

6. In our analysis, we want to compare hourly actual MW flows for each hour of the year analyzed, with the TTC, ATC and schedule values (yearly, monthly and hourly) that were posted on the OASIS or available in the tagging database, for that same hour. It appears from the proposal that we will receive this data for each hour of the year. Is this correct? Can a sample template be provided by OATI so we know for sure the data elements and dat format that will be provided by OATI?

**Answer:** We can provide a template but it may take time. All scheduling data will be in hourly format. However ATC data can be provided in the format that you desire, as all ATC data is not in hourly format, but can be converted to hourly format.

7. Regarding the tabulation of “DENIED” requests, it is our understanding that this is DENIED reservation requests. Will this be a tabulation of the number of DENIED requests for each hour? Can the magnitude of MWs DENIED be included? How is the term “DENIED” defined by OATI (Refused, Declined, Withdrawn, Superseded, Invalid, Retracted, etc.)?

**Answer:** Term denied is based on as defined in OASIS 889A standard. These are reservations that were REFUSED by the transmission provider. The total magnitudes and frequency can be provided.

8. Will there be any data confidentiality issues that need to be resolved before we can use the data? (We are not interested in individual schedules, only aggregated data by path).

**Answer:** There is no issue of confidentiality as the data is from OASIS which has all public data, however we would prefer that all providers should be informed of the study and goals of the study.

9. We would like to obtain CBM and TRM values for each hour. Can this be provided?

**Answer:** Yes, as long as the TP has an audit log that keeps track of this data.

10. Regarding TTC and CU data, how would TTC values be calculated? How are the CU values determined?

Answer: OATI has no knowledge of how the data is calculated; we are only providing data but no calculation formulas. There is generally no posting of CU on the OASIS.

11. How will the ATC value be calculated? Is the posted hourly firm ATC value for the path the same as the path TTC value minus firm reservations on the path?

Answer: OATI has no knowledge of how the data is calculated; we are only providing data but no calculation formulas.