

The following is submitted pursuant to the instructions for submitting data to PSCO regarding the Energy Resource Zone process. If you would like copies of the referenced reports, please advise and I can send them along. Each report is about 30 pages in length and is 1 MEG in size.

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**Subject:** Wyoming Wind Data

The following is a summary of wind quality projections along the path of the Wyoming-Colorado Intertie Project (TOT 3) that we are developing in partnership with the Wyoming Infrastructure Authority and WAPA. The information is based on reports by Air Science (IML) commissioned by the Wyoming Business Council from met towers erected by them at two sites along the path: Baker-Chugwater, located 7 miles east of Chugwater and Scott-Douglas, located 5 miles north of Douglas. Also included are NREL's projections of wind quality for a generic site along the path (based on NREL's hourly projections that I sent to you earlier). The WBC/Air Science projections are for a 50 meter hub height, while the NREL projections are for an 80 meter hub height. WIA has arranged to have Air Science make projections for an 80 meter hub height, which will be sent along to you when available, which are expected to be more in line with the NREL projections. The WBC/Air Science reports will be separately forwarded to you via e-mail.

|      | Baker-Chugwater (50 meter)* |                 | Scott-Douglas (50 meter)* |      | Douglas-LRS (80 meter)** |
|------|-----------------------------|-----------------|---------------------------|------|--------------------------|
|      | Year                        | Capacity Factor | Wind Speed (MPH)          | Year | Capacity Factor          |
| Q1   | 2006                        | 42%             | 23.4                      |      | 59%                      |
| Q2   | 2006                        | 29%             | 17.3                      | 2005 | 39%                      |
| Q3   | 2006                        | 26%             | 14.8                      | 2005 | 28%                      |
| Q4   | 2005                        | 46%             | 20.3                      | 2005 | 51%                      |
| Ave. |                             | 36%             |                           |      | 39%                      |
|      |                             |                 |                           |      | 48%                      |

\* 50 Meter Hub Height; source: Wyoming Business Council/Air Science

\*\* 80 Meter Hub Height; source: NREL projections

Such information is being provided to to you in support of the development of the Wyoming-Colorado Intertie Project. In the case of PSCO, we would appreciate your consideration of this information in the preparation of PSCO's Least Cost Plan and Energy Resource Zone submissions before the Colorado PUC. In the case of the Interwest Energy Alliance, we'd

appreciate your inclusion of this information as you work to aggregate information from wind developers along our project's path for ultimate submission to PSCO. Thank you for your consideration.

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