

**DPU Response to Public Service Commission (Commission) Data Request Issued  
December 17, 2009**

To all Parties in this docket, the Commission requests that each party that is proposing a Net Power Cost Adjustment provide sufficient details in electronic format and the associated working files for their final GRID run(s) in this docket to the Commission at their earliest possible opportunity. The intent of this request is for the Commission to have sufficient detail to replicate each proposed adjustment in the GRID power cost model. Specifically please provide at least the following for each adjustment:

1. GRID Scenario
2. Net Power Cost report
3. Net Power Cost report of the revised scenario
4. Net Power Cost Study Spreadsheet showing the impacts of the revised scenario
5. An explanation of the calculations involved in the adjustment with sufficient supporting work papers that Commission staff could duplicate the adjustment
6. A list of which specific fields and/or files within the GRID model were changed, and the specific manner in which they were changed (for example any and all input files)
7. All standard or related export files
8. Relevant work papers and supporting documents with all formulas intact for the adjustment.
9. A summary exhibit which lists each proposed adjustment (using the parties joint numerical exhibit numbering system), the net effect on Net Power Costs, and a reference to the output tables referenced above

**DPU Response to Commission Data Request issued December 14, 2009 for the New QF Contract and High Plains and McFadden Ridge Wind Project NPC Adjustments**

A. For DPU's proposed \$474,456 (\$1.16 million, system-wide) Net Power Cost (NPC) increase for New QF Contracts (see adjustment #30 on the Joint Issues List), DPU provides the following response to the Commission's request:

1. GRID Scenario

**DPU Response:** Please refer to PSC Confidential attachment 1 QF Adjustment GRID Scenario and Project for Import.zip

2. Net Power Cost report

**DPU Response:** Please refer to PSC Confidential attachment 1 QF Adjustment GRID Scenario and Project for Import.zip

3. Net Power Cost report of the revised scenario

**DPU Response:** Please refer to PSC Confidential attachment 1 QF Adjustment GRID Scenario and Project for Import.zip

4. Net Power Cost Study Spreadsheet showing the impacts of the revised scenario

**DPU Response:** Please refer to PSC Attachment 2 QF GRID Study Spreadsheet.zip

5. An explanation of the calculations involved in the adjustment with sufficient supporting work papers that Commission staff could duplicate the adjustment.

**DPU Response:** The calculations made in this adjustment relate to revisions in the GRID Energy Charge file (see PSC Confidential attachment 3 QF Revised Energy Charge File.zip). For the Kennecott and U.S. Magnesium QF estimates, the Division entered the proposed energy prices and associated line loss factors for the period January 2010 through June 2010, as contained in each proposed QF, into the GRID model. This information is proprietary, and may be found in the associated filings under Docket Nos. 09-035-20 (U.S. Magnesium QF) and 09-035-62 (Kennecott QF). The Tesoro estimate was developed using the monthly avoided energy prices (January – June 2010) listed in Appendix B of the second quarter 2009 avoided cost input changes developed in the Company’s Quarterly Compliance Filing for Schedule 38 under Docket No. 03-035-14. These monthly prices were multiplied by a line loss factor that is comparable to the proposed factor included in the Kennecott QF, an approach that has been used in the previous two Tesoro QF applications. Please refer to PSC Confidential Attachment 3a, Revised Energy Charge Worksheet.xlsx for the development of these calculations.

6. A list of which specific fields and/or files within the GRID model were changed, and the specific manner in which they were changed (for example any and all input files)

**DPU Response:** Three main fields in GRID were altered to make this adjustment. First, the Duration field from the Demand File for the Tesoro QF contract from the Company’s base NPC GRID study (Utah GRC June 2010 Gold) project was extended to account for a contract date through 12/31/2010. Second, the Energy Charge files were modified to match the proposed/estimated energy prices for the Kennecott, Tesoro, and U.S. Magnesium QF contracts (see response to item #5 above, and see also PSC Confidential attachment 3 QF Revised Energy Charge File.zip). Finally, the contract dates in the GRID Resource/Contracts file for the three QFs were extended to expire on 1/1/2011. Please refer to PSC Attachment 4, Comparison of Base GRID Study with QF Adjustment Scenario.txt, which highlights the modified GRID inputs.

7. All standard or related export files

**DPU Response:** Please refer to PSC Confidential attachment 1 QF Adjustment GRID Scenario and Project for Import.zip

8. Relevant work papers and supporting documents with all formulas intact for the adjustment.

**DPU Response:** Please refer to the Division's response to item #5 above.

9. A summary exhibit which lists each proposed adjustment (using the parties joint numerical exhibit numbering system), the net effect on Net Power Costs, and a reference to the output tables referenced above

**DPU Response:** Please see Net Power Cost Adjustment #30 "Update for New QF Contracts" on the UT GRC Joint Issues List. Also note that the Company accepted the Division's recommendations for this adjustment.

- B. For DPU's proposed \$191,109 (\$466,119, system-wide) reduction to NPC related to the High Plains and McFadden Ridge Wind Start Date adjustment (see adjustment #28 on the Joint Issues List), DPU provides the following response to the Commission's request:

1. GRID Scenario

**DPU Response:** Please refer to PSC Confidential Attachment 5 Wind GRID Project and Scenario for Import.zip

2. Net Power Cost report

**DPU Response:** Please refer PSC Confidential Attachment 5 Wind GRID Project and Scenario for Import.zip

3. Net Power Cost report of the revised scenario

**DPU Response:** Please refer to PSC Confidential Attachment 5 Wind GRID Project and Scenario for Import.zip

4. Net Power Cost Study Spreadsheet showing the impacts of the revised scenario

**DPU Response:** Please refer to PSC Attachment 6 Wind GRID Study Spreadsheet.zip

5. An explanation of the calculations involved in the adjustment with sufficient supporting work papers that Commission staff could duplicate the adjustment.

**DPU Response:** No calculations were made for this adjustment.

6. A list of which specific fields and/or files within the GRID model were changed, and the specific manner in which they were changed (for example any and all input files)

**DPU Response:** Please refer to PSC Attachment 7, Compare Wind Start Dates.txt which details the changes to the contract start dates in the GRID Resource/Contracts file for the High Plains and McFadden Ridge wind projects.

7. All standard or related export files

**DPU Response:** Please refer to PSC Confidential Attachment 5 Wind GRID Project and Scenario for Import.zip

8. Relevant work papers and supporting documents with all formulas intact for the adjustment.

**DPU Response:** Please refer to the Division's response to item #5 above.

9. A summary exhibit which lists each proposed adjustment (using the parties joint numerical exhibit numbering system), the net effect on Net Power Costs, and a reference to the output tables referenced above

**DPU Response:** Please see Net Power Cost Adjustment #28 "High Plains and McFadden Ridge Wind Start Dates" on the UT GRC Joint Issues List. Also note that the Company accepted the Division's recommendations for this adjustment.