

OCS Data Request 1.12

General (Repower)

Please provide a narrative explanation and supporting work papers for how the Company modeled EIM and market depth / market transactions for this docket in SO / PaR.

Response to OCS Data Request 1.12

The market depth and market transactions in this docket are modeled in the same manner as those used in PacifiCorp's 2017 Integrated Resource Plan (IRP). The market depth and market transactions are affected by firm transmission in the models. For front office transactions (FOTs), please refer to the discussion in the 2017 IRP; specifically Volume 1, Chapter 6 (Resource Options), pages 141 and 142, and Table 6.16 (Maximum Available Front Office Transactions Quantity by Market Hub). The Company's 2017 IRP can be accessed by using the following website link:

<http://www.pacificorp.com/es/irp.html>

Please refer to the Direct Testimony of Company witness, Rick T. Link, lines 374-389, for an explanation of how the Company modeled California Independent System Operator Corporation energy imbalance market (EIM) benefits in its wind repowering analysis.

Please refer to Confidential Attachment OCS 1.12, which shows how the assumed transfer capability associated with the EIM was applied to the topology used in the System Optimizer model (SO Model) and Planning and Risk (PaR) model.

Confidential information is provided subject to Public Service Commission of Utah (UPSC) Rules 746-1-602 and 603.