

10-035-89/Rocky Mountain Power  
September 7, 2010  
OCS Data Request 2.5

**OCS Data Request 2.5**

Does the Company expect that the Populus to Ben Lomond link will reduce losses? If so, please quantify the amount of annual energy loss savings expected. Please provide supporting details.

**Response to OCS Data Request 2.5**

Yes. New transmission capacity will reduce system losses as it also reduces path impedance. Losses are calculated on an annual system basis using averages for loads, generation, and system wheeling values. A new system loss study will be completed later this year. At this time definitive information as requested is not available.

11-035-200/Rocky Mountain Power  
March 29, 2012  
DPU Data Request 5.22

**DPU Data Request 5.22**

Has the Company included the reduction in losses due to the addition of the Ben Lomond to Populus transmission line? If so, please indicate the level of reduction. If not, please explain.

**Response to DPU Data Request 5.22**

For purposes of determining system load and allocation factors, the Company uses a five-year average of system losses. In this case, the Company used the five-year period ending December 31, 2010 as noted in the testimony of Peter C. Eelkema. Since the Ben Lomond to Populus transmission line was energized on November 19, 2010, the effect it has on system losses is partially included in the historic line losses used in this case. The level of reduction in actual system losses that may result solely from the addition of the Ben Lomond to Populus transmission line cannot be measured and would likely be offset by increases in system loads.

Historically, the Company has been required to periodically perform a system loss study by both its retail and wholesale jurisdictions. The Company last performed such a comprehensive system losses study in 2011 using 2009 data. The Ben Lomond to Populus transmission line was completed after 2009. Accordingly, the Company's current loss studies do not reflect any impact in losses due to the addition of the Ben Lomond to Populus transmission line.