

Rover Pipeline LLC
FERC Docket No. CP15-93-000
Rover Pipeline Project
Response to FERC Data Request issued February 29, 2016
Filed March 4, 2016

1. The Exhibit Gs filed with the application dated February 20, 2015 were originally drafted on October 13, 2014. Please file revised Exhibits which conform and correspond to the supporting digital hydraulic computer models that were filed on February 23, 2015.

Response:

Please see the attached six (6) hydraulic models (and supporting successful model runs displayed in pdf format, all dated 3-4-16) that form the basis of design for the Rover Pipeline. The infrastructure required to be installed was developed from the contractual commitments and optionality negotiated by our customers. As such, no single hydraulic model can stand alone as the design basis for the project.

The Winflow model is inherently conservative so the displayed horsepower required at each compressor station in the pdf showing the model run results is slightly higher than the horsepower stated in Exhibit G. In an effort to be the most efficient with our equipment selection, the Winflow model sets the operating parameters and then unit selection is further refined by taking the Winflow inputs for site specific flow, pressures and temperatures and utilizes them in Caterpillar Engine and Aerial Compressor equipment modeling software to better size and select the filed engine/compressor combinations that will effectively and efficiently meet the volume and pressure requirements for the system balance.

Exhibit G was drafted originally on October 13, 2014, and was filed on February 20, 2015, is indicative of the summation of these six (6) models and representative of the infrastructure we are requesting approval to install. Included in this Data Response is an updated Exhibit G (Rev. D) with minor changes from the previous February 20, 2015 (Rev. B) and June 10, 2015 (Rev C.) submittals with changes described in the table attached below.

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FERC Exhibit G Sheet Changes				
No.	Exhibit G Drawing #	Revision	Title	Comment
1	ML-Exhibit G	D	42" Dual Supply Connector & Mainline Line A & B	Updated Spread pipe lengths to incorporate equation distances. Removed the two KNG Energy side valves. Updated pressures at ANR and PEPL.
2	CL-Exhibit G	D	42" Clarington Lateral	Updated Clarington D Meter Station to be a bi-directional. Renamed OVS RMS to EQT RMS and moved to the Seneca Exhibit G drawing at MP 25.56. Updated pipe length to incorporate equation distances.
3	BN-SN-Exhibit G	D	24" Berne Lateral & 42" Seneca Lateral	Added EQT bi-direction meter station at MP 25.56. Updated pipe lengths to incorporate equation distances. Renamed Hall Meter Station to Madison Meter Station. Updated REX and Gulfport pressures. Added the REX interconnect piping information.
4	MJ-Exhibit G	D	24" Majorsville Lateral	Updated pipe lengths to incorporate equation distances. Revised name of future side tap to SWN and updated to approximate MP 9.7.
5	SW-Exhibit G	D	24" CGT Lateral & 36" Sherwood Lateral	Updated pressure at CGT DMS
6	BG-Exhibit G	D	36" Burgettstown Lateral	Updated pipe lengths to incorporate equation distances.
7	MKT-Exhibit G	D	42" Market Segment	Updated pipe lengths to incorporate equation distances. Updated flow rate and pressure at Vector.
8	CD-Exhibit G	D	30" CADIZ Segment	Updated pipe lengths to incorporate equation distances.
9	CEII-ROVER Exhibit G-II	1	CEII-ROVER Exhibit G-II	Added information on the Rex 20" interconnect piping in Section II an IV.

* Items are clouded in drawings.