



Consistent with Southern California Gas Company’s (SoCalGas) January 25, 2019 Comments in the California Energy Commission’s Integrated Energy Policy Report Docket # 18-IEPR-03 (<https://efiling.energy.ca.gov/GetDocument.aspx?tn=226384&DocumentContentId=57159>), SoCalGas has attached data related to the work being performed on Lines 235-2, 4000, and 3000. Background information on Lines 235-2 and 3000 is also available in SoCalGas’ letter to the California Public Utilities’ Commission dated June 29, 2018, available at: https://scgenvoy.sempra.com/ebb/attachments/1531328383501_SCGResponse%5ECPUC_June_18Letter.pdf.

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Line 235-2 Work Update (6/4/2019)	
Reason for Work	Rupture of Line 235-2
Capacity Impact	530 MMcfd at TW-Needles/QST-Needles Sub-Zone
Preliminary Overall Schedule	<p>Root Cause Analysis – finalized on 4/27/2018. An overall plan has been developed, integrating the results of the root cause analysis.</p> <p>During another progressive restoration of pressure and the associated leak survey, one non-hazardous leak was detected on 5/31/19 in remote areas of the desert, which requires additional remediation on Line 235-2. The required authorizations have not been received at this time from the Bureau of Land Management and California Department of Fish and Wildlife for the leak repair work sites.</p> <p>The latest preliminary estimated return to service date is July 5, 2019 at a reduced pressure. This date is preliminary, and it may change as more information is obtained. Once Line 235-2 is returned to service, SoCalGas will in-line inspect Line 235-2 again.</p> <p>Schedule Risks: weather delays, restricted maintenance operations, permit requirements/restrictions, additional remediation and safety concerns</p>
Status	Initial construction activities are in progress at leak repair site.

Line 4000 Work Update (6/4/2019)	
Reason for Work	In-line Inspection and resulting mitigation/investigation of anomalies
Capacity Impacts	Results in a capacity of 270 MMcfd at Needles.
Preliminary Overall Schedule	<ul style="list-style-type: none"> • Final report for the axial MFL tool was accepted on 6/7/2018. No immediate safety conditions were found. Report has been reviewed and the validation digs have been selected. • Circumferential alignment report was received 6/11/18 and has been reviewed. Findings have been incorporated into the validation dig plan. • Bell Hole siting reports received on 7/12/18. • Barstow BLM & CDFW permits submitted on 7/17/18. SoCalGas has received the permit from Barstow BLM & CDFW. • SoCal signed notice to proceed submitted to BLM 10/23/2018. Final copy of permit received from BLM 11/5/2018. • 6 validation digs selected for a total of 280 feet.
Status	Validations digs will start after Line 235-2 is back in-service. The estimated return to service date for Line 235-2 is being confirmed, but an estimated date (July 5, 2019) has been provided.

The following table has no changes from the prior ENVOY post:

Line 3000 Work (2/11/2019 Update)	
Reason for Work	In line inspection analysis
Capacity Impacts	140 MMcfd reduction at TW-Topock/EP-Topock
Preliminary Overall Schedule	Additional information will be posted once a plan is developed and estimated timing is established. Plan will incorporate lessons learned from Line 235-2.
Status	Currently operating at a reduced pressure to achieve prudent safety margin for this pipeline.
<p>Line 3000 (largely a 1957 vintage pipeline) returned to service at reduced operating pressure on September 17, 2018, allowing receipts from the Topock area.</p> <p>The full scope of the Line 3000 project to date included more than 10 miles of non-consecutive pipeline replacements, coating remediation, and cathodic protection insulator installations at more than 246 job sites that span approximately 125 miles, traversing challenging terrain and overcoming significant environmental challenges.</p> <p>Although this additional receipt point does improve system flexibility and resiliency, the capacity of the Needles/Topock zone continues to be 270 MMcfd due to losses on Lines 235-2 and 4000. Line 3000 is currently operating at a 140 MMcfd capacity reduction due to a reduction in operating pressure which is necessary to allow for an appropriate margin of safety until the Line 3000 can be re-evaluated with both an additional ILI assessment, and implementation of applicable lessons learned from Line 235-2.</p>	