

**PACIFIC GAS AND ELECTRIC COMPANY
Gas Pipeline Safety OIR-OSC
Rulemaking 11-02-019
Data Response**

PG&E Data Request No.:	ED_006-06		
PG&E File Name:	GasPipelineSafetyOIR_DR_ED_006-Q06		
Request Date:	October 8, 2013	Requester DR No.:	10/08/13 E-Mail
Date Sent:	October 16, 2013	Requesting Party:	Energy Division
PG&E Witness:		Requester:	Richard Myers

SUBJECT: LINE 147 RELATED CURTAILMENT INFO

QUESTION 6

If Line 147 were operated but at certain levels of pressure lower than the authorized Maximum Allowable Operating Pressure, please provide the level of curtailments that would occur, under the above scenarios.

ANSWER 6

Distribution System

All of the customer impacts described in the responses to GasPipelineSafetyOIR_DR_ED_006-Q02CONF and GasPipelineSafetyOIR_DR_ED_006-Q03CONF could be eliminated if PG&E could operate Line 147 at 125 psig and remove its isolation from the local transmission system and the 34 psig distribution system. This could be accomplished in two ways:

Option 1 - PG&E could manually throttle a valve on Line 101, 109, or 132 (line not yet determined) to hold 125 psig in Line 147, and open the 4 currently isolated distribution regulator stations. Gas would flow from the 125 psig Line 147 to these 4 distribution regulator stations and provide the needed supply to meet demands in San Carlos and Redwood City.

Option 2 – Instead of manually throttling a valve to hold 125 psig on Line 147, PG&E could install regulation on Line 147 to hold a set pressure of 125 psig. Gas would flow from the 125 psig Line 147 to these 4 distribution regulator stations and provide the needed supply to meet demands in San Carlos and Redwood City.

Transmission System:

The increased pressure that Line 147 would need to operate at in order to mitigate an unforeseen Line 101 outage or perform safety work (see response to GasPipelineSafetyOIR_DR_ED_006-Q05) has not yet been determined.