APPENDIX A

Scenario Analysis

Cost-of-Service Production vs. Questar Gas Demand

SCENARIO ANALYSIS

The Utah Commission, in its Report and Order issued October 22, 2013 concerning Questar Gas' 2013 IRP, required the Company to provide a scenario analysis for future IRPs that includes varying percentages of cost-of-service gas with varying levels of Questar Gas demand (e.g., low, normal, and high).[76]

The tables below illustrate different scenarios that may occur with differing levels of cost-of-service gas and demand. The first table shows the estimated annual volume of cost-of-service gas that would be shut in under different scenarios. The second table shows the anticipated overall annual costs under different scenarios. The cost differences are, in part, a result of estimated shut-in costs when cost-of-service gas exceeds demand as well as the cost of having to replace cost-of-service gas (with purchased gas) when demand exceeds the amount of cost-of-service gas available.

Annual Shut-in Decatherms
Thousands of Decatherms

		Demand		
		Low 10%	Normal	High 10%
Cost-of-service gas	Low 10%	47.0	0.5	0.0
	Forecast	1,120.3	507.9	110.1
	High 10%	2,986.7	2,002.1	1,418.2

Production Annual Costs
Millions of Dollars

		Demand		
		Low 10%	Normal	High 10%
Cost-of-service gas	Low 10%	$650.2	$684.5	$718.6
	Forecast	$634.2	$673.3	$708.5
	High 10%	$636.4	$670.3	$702.5

[76] In the Matter of Questar Gas Company's Integrated Resource Plan for Plan Year: June 1, 2013 to May 31, 2014, The Public Service Commission of Utah, Report and Order, Docket No. 13-057-04, Issued: October 22, 2013.