

EXECUTIVE SUMMARY

This integrated resource plan (IRP) is filed by Questar Gas Company, dba Dominion Energy Utah in Utah, and dba Dominion Energy Wyoming in Wyoming. For purposes of this document, we refer to Dominion Energy Utah and Dominion Energy Wyoming collectively as “Dominion Energy” or “Company.” Dominion Energy files this IRP with the Utah Public Service Commission (Utah Commission) and the Public Service Commission of Wyoming (Wyoming Commission), for its natural gas distribution operations that are subject to the jurisdictions of these regulatory bodies.

Following the approvals of the Utah Commission, the Wyoming Commission, and all other requisite State and Federal approvals, Dominion Energy, Inc., (formerly Dominion Resources, Inc.) acquired Questar Corporation, the parent company of Questar Gas Company. That merger was finalized on September 16, 2016. On May 10, 2017, Dominion Resources, Inc., by shareholder vote, changed its name to Dominion Energy, Inc. Most of Dominion Energy, Inc.’s subsidiaries, including Questar Gas Company, began using the name “Dominion Energy” as noted above.

The Company continues to experience strong growth in its Utah, Wyoming and Idaho natural gas service territories of over 2% per year. The Company reached the one-million-customer mark in September of 2016.

Since the early 1990s, the Company has engaged in an annual IRP process. This process results in a planning document that is used as a guide in meeting the natural gas requirements of the Company’s customers for the ensuing year. As a fundamental part of the IRP process, the Company conducts an assessment of available resources through the utilization of a cost-minimizing linear-programming computer model. Open dialogue with regulatory agencies and interested stakeholders is an overarching principle of the IRP process.

The IRP process this year has resulted in the following key findings:

1. The Company forecasts Design-Peak Day¹ firm sales demand of approximately 1.330 MMDth² at the city gates for the 2018-2019 heating season.
2. The Company forecasts a 2018-2019 IRP-year cost-of-service gas production level of approximately 70.6 MMDth assuming the completion of new development drilling projects (61% of forecast demand).
3. The Company forecasts a 2018-2019 IRP-year balanced portfolio of gas purchases of approximately 49.7 MMDth.
4. The Company will maintain flexibility in purchase decisions pursuant to the planning guidelines listed herein, because actual weather and load conditions will vary from assumed conditions in the modeling simulation.
5. There is not a current need for any additional price stabilization, but the Company will review this on an annual basis to determine whether such measures are appropriate in the future.
6. The Company will continue to monitor and manage producer imbalances.
7. The Company will continue to promote cost-effective energy-efficiency measures.
8. The Company will enter into contracts to serve peak-hour requirements and to secure needed storage and transportation capacity.
9. The Company will take the necessary steps to obtain required approvals for the design and construction of an on-system liquefied natural gas (LNG) facility to ensure system reliability for customers.

¹ Design-Peak Day is a day with a daily mean temperature of -5 degree Fahrenheit or lower in the Salt Lake valley.

² Throughout this report, “Dth” refers to dekatherms, “Mcfh” refers to thousand cubic feet per hour, “MDth” refers to thousands of dekatherms, “MMDth” refers to millions of dekatherms, “Dth/D” refers to dekatherms per day, “MDth/D” refers to thousands of dekatherms per day, “Btu” refers to British thermal units, “MMBtu” refers to millions of British thermal units, “cf” refers to cubic feet, “cfh” refers to cubic feet per hour, “Mcf” refers to thousands of cubic feet, “MMcf” refers to millions of cubic feet, “Bcf” refers to billions of cubic feet, “Bcf/D” refers to billions of cubic feet per day, “Tcf” refers to trillions of cubic feet, “Mcf/d” refers to thousands of cubic feet per day, “MMcf/d” refers to millions of cubic feet per day, “psi” refers to pounds per square inch, “psig” refers to pounds per square inch gauge, “GW” refers to gigawatts, “MW” refers to megawatts, “Kwh” refers to kilowatt hours, “lf” refers to linear feet, and “FL” refers to feeder line.

As its customer base continues to grow, the Company conducts an annual analysis to ensure that its system can continue to meet customer needs. The Dominion Energy system will be capable of meeting the demands of the 2018-2019 heating season with adequate supplies and pressures in the system. This system capacity assessment is based on the fact that the gate stations have adequate capacity, the supply contracts are adequate, and system models show that pressures are sufficient to meet demand.

This report is organized into the following sections: 1) Executive Summary; 2) Introduction and Background; 3) Customer and Gas Demand Forecast; 4) System Capabilities and Constraints; 5) Distribution System Action Plan (DNG Action Plan); 6) Integrity Management; 7) Environmental Review; 8) Purchased Gas; 9) Cost-of-Service Gas; 10) Gathering, Transportation, and Storage; 11) Supply Reliability; 12) Energy-Efficiency Programs; 13) Final Modeling Results; and 14) General IRP Guidelines/Goals.

The preparation of this planning document is dependent on information from many sources. The Company acknowledges the contributions of all who have participated in the IRP process this year. In the event there are questions, comments or requests for additional information, please direct them to:

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