

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

IN THE MATTER OF THE REQUEST :
OF DOMINION ENERGY UTAH FOR :
APPROVAL OF A VOLUNTARY : Docket No. 19-057-13
RESOURCE DECISION TO :
CONSTRUCT AN LNG FACILITY :

Office of Consumer Services (OCS) Exhibit No. 1.1

As referenced in OCS – 1D Ware

PUBLIC REDACTED VERSION

August 15, 2019

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DPU 1.17: Please provide the analysis that determined 150,000 Dth/day was the desired amount of release capacity from the proposed LNG facility.

Answer: The vaporization capacity of the DEU-owned LNG Facility was determined by DEU's Gas Supply and System Planning and Analysis Department as discussed in the pre-filed direct testimony of William F. Schwarzenbach. The chosen rate of vaporization coincides with the curtailed volumes of recent supply shortfalls. System Planning analyzed how much natural gas could reasonably be taken onto the Company's system at the proposed site, and determined that 150 MMcfd is the maximum volume that the current system could effectively utilize.

Prepared by: Michael Gill, Director Engineering

DPU 1.20: Page 5 of the application states that Engineers worked in 2017 and 2018 to analyze options in order to obtain the necessary supply reliability. Exhibit 5.02 referred to as the FEED Final Report is dated Feb 16, 2018. This is a follow-up to site selection, engineering and Pre-FEED which was completed in approximately April 2017. Please identify when the Company began its analysis of possible LNG facilities.

Answer: At various times since 1985, the Company has performed high level investigations on the viability of constructing an on-system LNG facility. The Company was mainly investigating the use of LNG as an augmentation to its base-load supply portfolio. However, the Company found that use of LNG as base-load supply source was not as economically viable as other alternatives (i.e. new gate stations).

In 2016, the Company began to consider whether or not an LNG facility could be a solution for peak hour demands. While it was found that an LNG facility could be designed to meet peak-hour needs, available Firm Peaking Services were more economical than construction of an LNG facility.

In 2017, the Company began seeking solutions for a supply reliability resource due to the events that occurred on Jan 6, 2017. An LNG facility was one of the many solutions the Company evaluated. The Company ordered pre-FEED and FEED studies to determine order of magnitude costs and feasibility of constructing an LNG Plant. After much evaluation, the Company determined that an on-system LNG facility is the preferred and least-cost option to meet its supply reliability needs.

In April of 2018, the Company first applied for pre-approval of an on-system LNG Plant with the Utah Public Service Commission. The Company is now seeking approval for construction of an on-system LNG plant as part of this docket.

Prepared by: Michael Gill, Director of Engineering

DPU 3.09: During the coldest months of December, January and February, what percentage of the Company's gas supply is provided through Questar Pipeline? What percentage is provided through Kern River?

Answer: The percentages of gas supply provided from Dominion Energy Questar Pipeline (DEQP) vs. Kern River (KRGT) during December, January, and February will vary each year depending on pricing at different locations, availability, storage usage, and cost-of-service production volumes. However, in general, the percentage split during these months is approximately 80% transported on DEQP and 20% on KRGT.

Prepared by: Will Schwarzenbach, Manager – Gas Supply

OCS 2.02: With respect to DEU's gas supply facilities' commitments and sources, please reaffirm the accuracy and content of the Company's responses to the following OCS data requests from Docket No. 18-057-13:

- a. OCS 1.04 (and attachments), OCS 2.01 (and attachment), OCS 2.06, OCS 2.12, and OCS 2.18.
- b. If data has changed, please provide updated responses to these past OCS data requests.

Answer: a. The following is an update to the responses requested from Docket No. 18-057-03. Docket No. 18-057-13 did not have any data requests associated.

Some of the requested information is Confidential and will be provided to those parties who agree to comply with Utah Admin Code R746-1-602 and 603.

- OCS 1.04 Confidential Attachment 1 has been updated as OCS 2.02 Confidential Attachment 1.
- OCS 1.04 Confidential Attachment 1b has been updated as OCS 2.02 Confidential Attachment 1b.
- OCS 1.04 Confidential Attachment 1c is unchanged.

Any amendments to the rec/del points of the transportation contracts will be made based on supply availability at the time period. These amendments have not been determined at this point.

- OCS 2.06 is unchanged
- OCS 2.12 is updated as follows:
The gas from the six storage contracts with DEQP and the Spire (Ryckman Creek) storage contract are all delivered to the DEU city gate on DEQP T-1 contracts. Each of the storage facilities are primary receipt points on a DEQP T-1 contract. The firm path MDQ for each of the storage facilities is located on OCS Confidential Attachment 2.
The primary delivery point for the majority of the storage contracts is MAP 164 WF (Wasatch Front). The Clay Basin capacity exceeds the anticipated withdrawal capacity on the Clay Basin contracts on a peak day. This capacity is planned to be amended to other supply points based on the availability of withdrawals on any given day.
- OCS 2.18 is unchanged.

Prepared by: Will Schwarzenbach III PE, Manager, Gas Supply

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**CONFIDENTIAL – SUBJECT TO UTAH PUBLIC SERVICE COMMISSION
RULES R746-1-602 AND 603**

Dominion Energy Utah
Docket No. 19-057-13
OCS 2.02 Attachment 2

REDACTED

In DEU response to OCS data request 2.02,
the Company stated this document from 18-057-03 is still correct in this docket.

P.S.C.U. Docket No. 18-057-03
OCS Data Request No. 2.06
Requested by Division of Public Utilities
Date of DEU Response July 31, 2018

OCS 2.06: Please identify each interstate pipeline on which DEQP is interconnected. Please explain whether DEQP receives or delivers gas to each interstate pipeline during the winter season.

Answer:

Interconnect	Direction of flow
COLORADO INTERSTATE GAS CO. LLC	receives and delivers
DOMINION ENERGY OVERTHRUST PIPELINE, LLC	receives and delivers
KERN RIVER GAS TRANSMISSION CO.	receives and delivers
NORTHWEST PIPELINE LLC	receives
SOUTHERN STAR CENTRAL GAS PIPELINE	receives and delivers
TRANSCOLORADO GAS TRANSMISSION CO	delivers
WHITE RIVER HUB, LLC	receives and delivers
WYOMING INTERSTATE COMPANY LLC	delivers

Prepared by: L. Bradley Burton, Director, Regulatory DES

In DEU response to OCS data request 2.02,
the Company stated this document from 18-057-03 is still correct in this docket.

P.S.C.U. Docket No. 18-057-03
OCS Data Request No. 2.18
Requested by Division of Public Utilities
Date of DEU Response July 31, 2018

OCS 2.18: With respect to Slide 12 of DEU's June 19, 2018 tech conference slide presentation, please provide the following information relative to any Wexpro wells that are relied upon by DEU to provide gas service to customers living along the Wasatch Front:

- a. the field and gas producing basins where such wells are located,
- b. any gas processing plants that are used to process gas produced from such wells,
- c. any interstate pipelines through which the gas flows prior to entering the DEU distribution system,
- d. the city gate interconnection through which the flows from such wells must use in order to reach the DEU distribution system.

Answer:

- a. Dominion Energy Wexpro cost-of-service production comes from wells in the following fields in the Green River and Uinta Basins:
 - a. Ace
 - b. Big Horse
 - c. Birch Creek
 - d. Brady
 - e. Bruff
 - f. Butcherknife
 - g. Canyon Creek
 - h. Church Buttes
 - i. Copper Ridge
 - j. Creston
 - k. Dry Piney
 - l. Emigrant Springs
 - m. Five Mile
 - n. Fogarty
 - o. Granger
 - p. Hiawatha
 - q. Horseshoe
 - r. Jackknife Springs
 - s. Johnson Ridge
 - t. Kinney
 - u. Leucite Hills
 - v. Mesa
 - w. North Copper Ridge

- x. PPMU
- y. Shute Creek
- z. South Baxter
- aa. Tierney
- bb. Trail
- cc. Wamsutter
- dd. Whiskey Buttes
- ee. Whiskey Canyon
- ff. Powder Wash
- gg. Rabbit Mountain
- hh. South Baxter
- b. Dominion Energy Wexpro cost-of-service production may be processed in the following facilities:
 - a. Blacks Fork Plant
 - b. Emigrant Trails (ET) Plant
 - c. Vermillion Plant
 - d. Skull Creek Plant
 - e. Opal Plant
 - f. Pioneer Plant
- c. Dominion Energy Wexpro cost-of-service production is transported on the following pipelines:
 - a. Dominion Energy Questar Pipeline
 - b. Kern River Gas Transmission
 - c. Northwest Pipeline
 - d. Colorado Interstate Gas
- d. Dominion Energy Wexpro cost-of-service production may flow through the following gate stations to the DEUWI system:
 - a. Hyrum Gate Station (DEQP)
 - b. Sunset Gate Station (DEQP)
 - c. Little Mtn Gate Station (DEQP)
 - d. Payson Gate Station (DEQP)
 - e. Porter's Lane Gate Station (DEQP)
 - f. Hunter Park Gate Station (Kern River)
 - g. Riverton Gate Station (Kern River)
 - h. Wecco Gate Station (Kern River)
 - i. Central Gate Station (Kern River)
 - j. Numerous smaller stations and farm taps

Prepared by: Will Schwarzenbach III, PE, Manager, Gas Supply

P.S.C.U. Docket No. 19-057-13
Data Request No. 2.13
Requested by Office of Consumer Services
Date of DEU Response July 26, 2019

OCS 2.13: Highly Confidential

Answer: The requested information is Highly Confidential and will be provided to those who agree in writing to comply with Utah Admin. Code §R746-1-601 through 603.

Prepared by: Will Schwarzenbach III, PE, Manager, Gas Supply

OCS 3.01: What short-term gas supply contracts has DEU entered into for the purpose of maintaining gas supply reliability that could be accessed on a peak design day? This would be in addition to the Company's supply stack to meet peak day contract demand. If none, has DEU researched this issue and what are the Company's findings?

Answer: DEU has currently not entered into any gas supply contracts specifically intended for supply reliability. The Company has determined that the need for a supply reliability resource is based on the need for additional supplies when gas is not being delivered to the system as contracted. Additional contracts that would not be scheduled until supplies planned for the day are cut would not have any value as they would be the same packages that would be available for us to purchase on an intraday basis.

Prepared by: William Schwarzenbach, Manager Gas Supply

OCS 3.03: Please provide a list of all gas supply storage facilities or resources available to DEU to address reliability issues, above and beyond those resources already committed to meet peak day contract demands.

Answer: DEU could technically contract in any storage facility in the country; however the existing local facilities are the only realistic alternatives. The possibilities include, obtaining release capacity at Clay Basin or Jackson Prairie (capacity is not currently available at these facilities) if it becomes available, or contracting with Spire Storage West at the Belle Butte (formally Ryckman Creek) or Clear Creek facilities.

However, without available no-notice transportation service, the transportation capacity needed to transport this gas from the storage facility without a scheduled nomination in place would likely not be available in the later cycles when needed. The only way to reserve this capacity would be to have it flowing on withdrawal every day it may be needed in the winter. This would result in injections into DEU's other storage contracts every day if there are no cuts.

Prepared by: William Schwarzenbach, Manager Gas Supply