State of Utah

Department of Commerce
Division of Public Utilities

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Technical Conference Questions

To: Utah Public Service Commission

From: Utah Division of Public Utilities
Doug Wheelwright, Utility Technical Consultant

Date: June 10, 2019

Re: **Docket No. 19-057-13.** In the Matter of the Application of Dominion Energy Utah for Approval of a Voluntary Resource Decision to Construct a Liquefied Natural Gas ("LNG") Facility

1. Please explain why it was necessary for the delivery location to change to a more restrictive location in the January RFP compared to the previous RFP.
2. Please explain what parameters changed in the Company's distribution system requiring the delivery location to change from the January RFP compared to the previous RFP.
3. Please explain why the proposed facility is for the sole benefit of sales customers and explain how the Company intends to limit transportation customers from using this facility in the event of a supply disruption.
4. Please provide support and explain the calculations for the 150,000 Dth per day requirement identified in the RFP.
5. Please explain how the Company attempted to "cast a broad net" when the RFP had limiting restrictions on connection points, no NAESB cycles and 30 minute delivery requirements.
6. Please explain how additional storage at Clay Basin or no-notice service on Kern River would have/have not qualified under the terms identified in the RFP?
7. Does the Company have any evidence that any supply or facility would fulfill the RFP requirements other than the Company's LNG facility? If so, please provide.
8. The proposed LNG site is near the Salt Lake International Airport. Has the proposed LNG site been approved or cleared by the FAA?

9. The proposed satellite locations are close to regional airports and basic siting requirements provided as Exhibit 5.13 require at least a 5 mile distance from airport runways. Have the satellite locations been approved or cleared by the FAA?
10. Assuming no supply disruptions occur during the heating season, please explain how the proposed LNG facility would be used throughout a typical operating year without satellite facilities.
11. Assuming no supply disruptions occur during the heating season, please explain how the proposed LNG facility would be used throughout a typical operating year with all of the proposed satellite facilities in place and operating at capacity as envisioned.
12. Please provide an analysis and explanation of the volume requirements and the number of trucks and loads that would be needed to fill and maintain satellite storage facilities.
13. Please explain how the withdrawal and delivery of LNG to satellite facilities will impact the available storage for weather related disruptions.
14. Please explain how the Company would propose to use the LNG facility to satisfy the peak hour needs addressed by Mr. Schwarzenbach.
15. Please explain why the cost estimates for the satellite facilities include a 20% contingency for possible cost overrun and compare that to the indication that the total cost estimates may be $\pm$ 50% of the estimated cost.
16. Please provide a breakdown of the cost per Dth to liquefy, store and vaporize natural gas in the proposed facility. If the proposed facility were to be filled with COS gas at $3.98 per Dth, what would be the cost per Dth of the natural gas that is withdrawn from the LNG storage facility after 1 year? (ie including additional cost for liquefaction, storage and vaporization).
17. DEU Exhibit 2.04 is a Supply Reliability Risk report.
    a. What was the date this document was created?
    b. What was the purpose for creating the report?
    c. Who is the author of this report?
    d. What was the distribution of this report?
18. DEU Exhibit 2.05 identifies the historical supply cuts and mean temperature for 2011 – 2017. Please update the information to include 2018 and as much of 2019 as possible.
19. Based on the supply disruption instances included in Exhibit 2.05 or the update to this exhibit, please provide the primary reason, amount, and the duration of the supply cuts for each instance where the mean temperature was below 30 degrees.
    a. What was the average duration of the supply cuts?
    b. What was the average amount of the supply cuts?