



State of Utah

Department of Commerce Division of Public Utilities

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Supplemental Action Request Response

To: Utah Public Service Commission

From: Utah Division of Public Utilities

Artie Powell, Director

Doug Wheelwright, Utility Technical Consultant Supervisor

Brenda Salter, Utility Technical Consultant Supervisor

Abdinasir Abdulle, Utility Technical Consultant

Date: October 9, 2020

Re: **Docket No. 20-035-36, Approval.** Rocky Mountain Power Major Event Report for June 5-8, 2020 – Major Event No. 48.

Recommendation (Approval)

The Division of Public Utilities (“Division”) recommends that the Public Service Commission (“Commission”) approve Rocky Mountain Power’s (“RMP”) application for Major Event exclusion for the event that took place on June 5-8, 2020. The System Average Interruption Duration Index (“SAIDI”) value for the event exceeded the threshold that defines a major event under the Institute of Electrical and Electronic Engineers’ (“IEEE”) 2.5 Beta method adopted by the Commission in 2005 in Docket No. 98-2035-04.

Background

On August 5, 2020, RMP filed with the Commission its Major Event Report for the event that took place on June 5-8, 2020, requesting that this event be excluded from its network performance reporting and customer guarantee failure payments. On August 7, 2020, the Commission issued a Notice of Filing and Comment Period in which it indicated that any

interested party may submit comments on or before Friday, September 4, 2020, and may submit reply comments on or before Monday, September 21, 2020. On September 4, 2020, the Division filed its comments. On September 24, 2020, the Commission issued a Supplemental Action Request directing the Division evaluate and report back to the PSC on whether:

- any material discrepancies exist between items presented in the event outage summary table (Report page 2) and the customer analysis table, specifically total customer minutes lost, state event SAIDI impact, and CAIDI value;
- the values for various districts and time periods, e.g., for customer minutes lost and sustained outages, sum consistent with the totals for the Utah jurisdiction;
- the 2020 annual threshold presented in this docket properly deviates from the threshold used in Docket No. 20-035-19;
- any tables and spreadsheets should be re-submitted by Rocky Mountain Power with embedded formulae included for evaluation.

This memorandum represents the Division's response to the Commission's Supplemental Action Request.

Discussion and Recommendation

In response to the Commission's Supplemental Action Request, the Division had a telephone conversation with RMP regarding the above listed items and found the following

1. Regarding the discrepancies between the information presented in the Event Outage Summary Table and the Customer Analysis Table. Rocky Mountain provided a corrected version of the Report. This Report and a spreadsheet that shows the calculations are attached here as Attachments 1 and 2. The Division reviewed these materials and concludes that there are no more discrepancies between the two tables and the values for various districts and time periods sum consistent with the totals for the Utah jurisdiction.
2. The annual threshold is calculated using daily SAIDI values for the last five calendar years. However, the update takes place in April of each year. Hence, for events that take

place before April of year (t), data for the five years ending December of two years ago (t-2) will be used to calculate the threshold. Since the event in Docket No. 20-035-19 took place in March, 2020, the data for the five years ending December 2018 (2019 threshold) was used to calculate the threshold ($T_{med}=5.08$ minutes). For the current event, which took place during June 5 – 8, 2020, the data for the five years ending December 2019 (2020 threshold) was used to calculate the threshold ($T_{med}=4.84$ minutes). A spreadsheet containing the calculation of the 2020 threshold is attached here as Attachment 3.

Based on this information and the information that was contained in the Division's September 4, 2020 Comments in this Docket, the Division concludes that this event was a Major Event and should be excluded from the network performance reporting.

Cc: Jana Saba, RMP

Michele Beck, OCS