



State of Utah

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April 23, 2024

Ms. Jana Saba
Rocky Mountain Power
1407 West North Temple, Suite 330
Salt Lake City, UT 84116

Re: *Rocky Mountain Power's Power Quality Report for the Period of January through December 2023, Docket No. 24-035-06*

Dear Ms. Saba,

The Public Service Commission (PSC) has reviewed Rocky Mountain Power's (RMP) power quality ("PQ") report filed on February 15, 2024 for the January through December 2023 period (the "2023 PQ Report").¹ The 2023 PQ Report identifies the quantity and sources of voltage disturbances, primarily voltage sags, observed at 46-345 kV RMP substations in various Utah locations.

The PSC also reviewed the Division of Public Utilities' (DPU) comments filed on March 18, 2024 ("DPU Comments"). No other comments or reply comments were filed.

DPU comments that RMP has modified the 2023 PQ Report to include North, West, Central, and South reporting areas to align its monitoring with the reliability study areas modified as part of RMP's service quality reporting.² According to DPU, while RMP's 2022 PQ Report contained data from 24 monitoring points throughout the state, the 2023 PQ Report kept 18 of those initial 24 monitoring locations and added 23 new locations. DPU comments monitors captured 116 total events; 74 were unique voltage sag events captured on multiple meters, and 48 events were captured by new

¹ The PSC approved the reporting template ("Reporting Template") in Docket No. 22-035-34, *Rocky Mountain Power's Request to Establish Reporting for Power Quality*.

² *Rocky Mountain Power's Service Quality Review Report*, Docket No. 23-035-21, Acknowledgment Letter from the Public Service Commission (issued December 12, 2023).

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meters. DPU states RMP reported this year's unique voltage sag events is a 50 percent increase over 2022. Albeit 41 percent of this year's reported unique sag events is purportedly "the result of the new meters."³ DPU states RMP reported 40 major event causes by category,⁴ and notes the year-over-year decrease thereof from 45. DPU expresses concern with the number of events occurring below the SEMI-F47 line, especially events lasting between 1 and 10 seconds. It states it will monitor RMP's SEMI-F47 curves and the event causes going forward to develop a baseline before offering any recommendations. DPU recommends the PSC take no action at this time other than to acknowledge the 2023 PQ Report adheres to the Reporting Template.

Based on the PSC's review of the 2023 PQ Report, DPU's Comments, and there being no other comments and no opposition, the PSC acknowledges the 2023 PQ Report adheres to the Reporting Template.

Sincerely,

/s/ Gary L. Widerburg
PSC Secretary
DW#333506

³ DPU Comments, at 5 (referencing the 2023 PQ Report, at 7).

⁴ The categories include animals, customer equipment, utility equipment, interference, overload, switching, and weather events.