

DEPARTMENT OF PUBLIC SERVICE REGULATION
BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MONTANA

IN THE MATTER OF THE APPLICATION OF)
MONTANA-DAKOTA UTILITIES CO., a) REGULATORY DIVISION
Division of MDU Resources Group, Inc., for)
Authority to Establish Increased Rates for Electric) DOCKET NO. D2015.6.51
Service in the State of Montana)

**MONTANA LARGE CUSTOMER GROUP'S FOURTH SET OF
DATA REQUESTS TO MONTANA-DAKOTA UTILITIES CO.**

The Montana Large Customer Group ("LCG"), by and through its undersigned counsel, pursuant to applicable rules of procedure, submits the attached Data Requests to Montana-Dakota Utilities Co. ("MDU").

RESPONSE DATE, DEFINITIONS, AND INSTRUCTIONS

Responses to these Date Requests are due within 14 calendar days, *i.e.*, by October 30, 2015. Please refer to the Definitions and Instructions included in LCG's First Set of Data Requests to MDU in this proceeding.

Respectfully submitted this 16th day of October, 2015.

MONTANA LARGE CUSTOMER GROUP

s/ Nikolas S. Stoffel
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DATA REQUESTS

LCG-046 RE: Billing Determinants

Please update the billing determinants for each rate class tab presented in the Excel file Statement M Exh TAA-1_TAA-2, tabs Rate 10 through Rate 52, using the most recent load forecast for calendar year 2015 reflected in Attachment A to MDU's response to Data Request PSC-022. Please provide this update in Excel format with all formulas intact.

LCG-047 RE: Statement M: Projected kWh, billing kW, and monthly customer bills

For each rate class included in Statement M Exh TAA-1_TAA-2, please provide the calendar year 2015 projected kWh, billing kW, and monthly customer bills, corresponding to the most recent calendar year 2015 load forecast reflected in Attachment A to MDU's response to Data Request PSC-022. Please provide this information in Excel format with all formulas intact.

LCG-048 RE: Statement M: Projected Revenues

For each rate class included in Statement M Exh TAA-1_TAA-2, please provide the revenues that would result from the application of current rates to the projected calendar year 2015 billing determinants corresponding to the most recent calendar year 2015 load forecast reflected in Attachment A to MDU's response to Data Request PSC-022. Please separately state the revenues for each rate component: Basic Rate, Energy, Demand, and Fuel Revenue, in Excel format with all formulas intact.

LCG-049 RE: Attachment A to Response to LCG-032

Please update Attachment A to MDU's response to Data Request LCG-032 to reflect the most recent Montana load forecast corresponding to the forecast in Attachment A to MDU's response to Data Request PSC-022.

LCG-050 RE: Projected Growth Rate

Please provide a narrative description of the most recent 2015-2020 projected growth rate for the state of Montana as a whole, and for each Montana sales sector, similar to MDU's response to Data Request PSC-022 regarding the integrated system.

LCG-051 RE: Allocation Factors in Statements A-K.

Please refer to the allocation factors presented on the Factors tab of the Excel file Statements A-K.

- a. What calendar year loads do the "2015" allocation factors correspond to? Please provide all source documents for these factors.
- b. What calendar year loads do the "2014" allocation factors correspond to? Please provide all source documents for these factors.

- c. The 2015 jurisdictional allocation factors provided by MDU in Attachment LCG-018 Cost Alloc Manual – MT Elec consist of pasted values. Please provide the workpapers in Excel format with intact formulas that calculated these pasted values.
- d. Do the “2015” allocation factors presented on the Factors tab of the Excel file Statements A-K represent the most recent calendar year 2015 load forecast reflected in Attachment A to MDU’s response to Data Request PSC-022? If not, please provide the allocation factors that would result from the calendar year 2015 load forecast provided in Attachment A to MDU’s response to Data Request PSC-022. Please provide all workpapers in Excel format with intact formulas that calculated these allocation factors.
- e. Do the 2015 jurisdictional allocation factors provided by MDU in Attachment LCG-018 Cost Alloc Manual – MT Elec represent the most recent calendar year 2015 load forecast reflected in Attachment A to MDU’s response to Data Request PSC-022? If not, please provide the comparable allocation factors that would result from the calendar year 2015 load forecast provided in Attachment A to MDU’s response to Data Request PSC-022. Please provide all workpapers in Excel format with intact formulas that calculated these allocation factors.
- f. If the 2015 allocation factors on the Factors tab of the Excel file Statements A-K are updated, would these updated factors flow through to the allocation of each revenue requirement component to the state of Montana? If not, please provide a version of the Excel file Statements A-K that calculates the Montana revenue requirement using the calendar year 2015 allocation factors that would result from the load forecast provided in Attachment A to MDU’s response to Data Request PSC-022.

LCG-052 RE: PLEXOS Fuel and Purchased Power Report

Please provide a PLEXOS fuel and purchased power report prepared using the calendar year 2015 load forecast provided in Attachment A to MDU’s response to Data Request PSC-022. In developing this report, please use the commercial operation dates provided in MDU’s response to Data Request LCG-023 (i.e. do not annualize the production from these new large generation projects).

CERTIFICATE OF SERVICE

I hereby certify that on the 16th day of October, 2015, the **MONTANA LARGE CUSTOMER GROUP'S FOURTH SET OF DATA REQUESTS TO MONTANA-DAKOTA UTILITIES CO.** was e-filed with the Commission and served via U.S. mail and e-mail, unless otherwise noted, to the following:

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s/ Patti Penn

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