Summary of 90-Day Notice: Computer Efficiency

The following 90-Day Notice summarizes the Company’s action to update the tech assumptions, deemed savings, product delivery and rebates in the Computer Efficiency and Data Center Efficiency products.

The Company will discontinue the Computer Efficiency product and merge cost-effective measures from the Computer Efficiency product into the Data Center Efficiency product. The Computer Efficiency product has not been cost-effective and has evaluated the market and exhausted options for improvements. Therefore, the Company will transition the remaining cost-effective measures and the more energy-efficient options to the Data Center Efficiency product. As identified below, some of the measures will change delivery methods, as they will be transitioning from upstream to downstream prescriptive. The transition to Data Center Efficiency also shares a similar target audience in many areas. The Company will make this change effective January 1, 2019.

Computer Efficiency Merge into Data Center Efficiency Product

The Company will merge the following Computer Efficiency measures into the Data Center Efficiency product. The rebate level for Prescriptive Zero & Thin Clients has been reduced to $10 per unit based on savings levels and to align with other utility rebate offerings.

- Computer Efficiency Prescriptive Zero & Thin Client installations

Currently the upstream incentives are paid to manufacturers that design, install and deliver units with energy-efficient power supplies to the company’s business customers through a third-party implementer. By combining smaller IT technologies and offerings through a prescriptive delivery method the Company will be able to expand energy-efficiency options into a larger range of customers. For the server measures the baseline moved from a silver-rated power supply to a platinum-rated power supply to align with the upcoming ENERGY STAR® computer server’s specification baseline recommendation expected implementation of first quarter 2019. The Company will merge the following Computer Efficiency measures into the Data Center Efficiency product, and change the delivery method from upstream to prescriptive:

- Titanium Rated Power Supply Servers with 400-600 Watt Units
- Titanium Rated Power Supply Servers with 600-1000 Watt Units
- Titanium Rated Power Supply Servers >1000 Watt Units

Due to the increase in efficiency over the past several years, and shifts from PC sales to laptops and tablets, Computer Efficiency savings have steadily declined over the past few years. The product will also experience baseline changes for computers and servers in 2019. To reflect these changes the following Computer Efficiency measures will be eliminated from the product:

- Upstream Power Supply - Bronze
- Upstream Power Supply - Silver
• Upstream Power Supply - Gold
• Upstream Power Supply - Platinum
• Network Based PC Power Management
• Computer Server; with <400W Units with Gold Rated Power Supply
• Computer Server; with 401-600W Units with Gold Rated Power Supply
• Computer Server; with 601-1000W Units with Gold Rated Power Supply
• Computer Server; with >1000W Units with Gold Rated Power Supply
• Computer Server; with <400W Units with Platinum Rated Power Supply
• Computer Server; with 401-600W Units with Platinum Rated Power Supply
• Computer Server; with 601-1000W Units with Platinum Rated Power Supply
• Computer Server; with >1000W Units with Platinum Rated Power Supply
• Computer Server; with <400W Units with Titanium Rated Power Supply

Table 1: Summary of Forecasted Impacts: Computer Efficiency

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<thead>
<tr>
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<th>Annual Savings Forecast</th>
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<tr>
<td></td>
<td>As Filed</td>
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<tr>
<td>Electric Savings (kWh)</td>
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<tr>
<td>Electric Demand Reduction (kW)</td>
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<td>Budget</td>
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The Company is including with this Notice:
• Updated Data Center Efficiency Deemed Savings worksheets;
• Updated Data Center Efficiency Technical Assumptions worksheets; and
• Updated Data Center Efficiency product write up.

A copy of this notice is available on our website at:
https://www.xcelenergy.com/company/rates_and_regulations/filings/colorado_demand-side_management