

Forecast Adjustment Requests

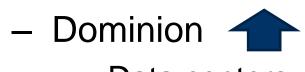
Load Analysis Subcommittee October 4, 2021

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2021 Load Forecast

- 2021 Load Forecast included 4 adjustments
 - APS 🕇
 - Oil and gas extraction facilities
 - BGE 🕂
 - Conservation Voltage Reduction (CVR)
 - COMED
 - Voltage Optimization (VO)



Data centers

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General Principles

- Seeking to include trends that will help us better anticipate future load trajectories, of which we would not be aware otherwise.
- Do we feel that the trend is captured in independent variables?
- Do we have sufficient information such that we can take steps to avoid double-counting?



First Energy – Industrial Expansion/Contraction

- APS
 - Growth in oil & gas extraction and metals manufacturing
 - Totals approximately 100 additional MWs over next 3-4 years
- ATSI
 - Growth in metals manufacturing and battery manufacturing
 - Totals approximately 200 additional MW over next 3-4 years
- PENELEC
 - Shuttering of manufacturing facility (approx. 20 MW)



BGE – Conservation Voltage Reduction

- Conservation Voltage Reduction investment began in 2014
- Much of the investment is complete.
- BGE expects an additional 5-15 MWs of additional peak savings in the next three years.



ComEd – Voltage Optimization

- Voltage Optimization investment began in 2018 with completion by 2026
- ComEd expects an additional 170 MWs of additional peak savings in the next five years.



Dominion – Data Center Expansion

- Rapid growth in data centers
 - Currently approximately a peak impact of 2,600 MW, to grow to approximately a peak impact 6,800 MW by 2026.





- Expansion of existing metal manufacturing facility
 - Doubling of existing facility which has 120 MW of interruptible load and 15 MW of firm.





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Forecast Adjustments

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