

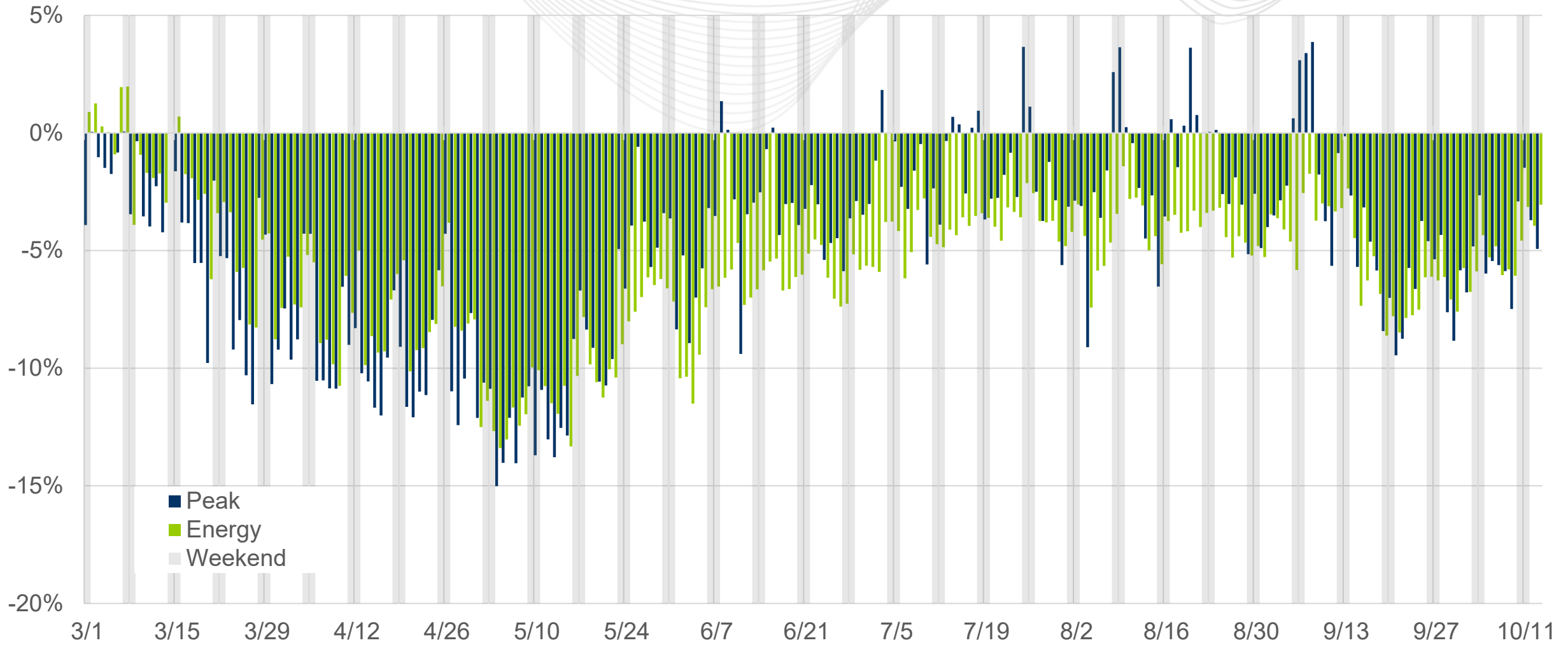
COVID-19 Impacts

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Resource Adequacy Planning

Load Analysis Subcommittee
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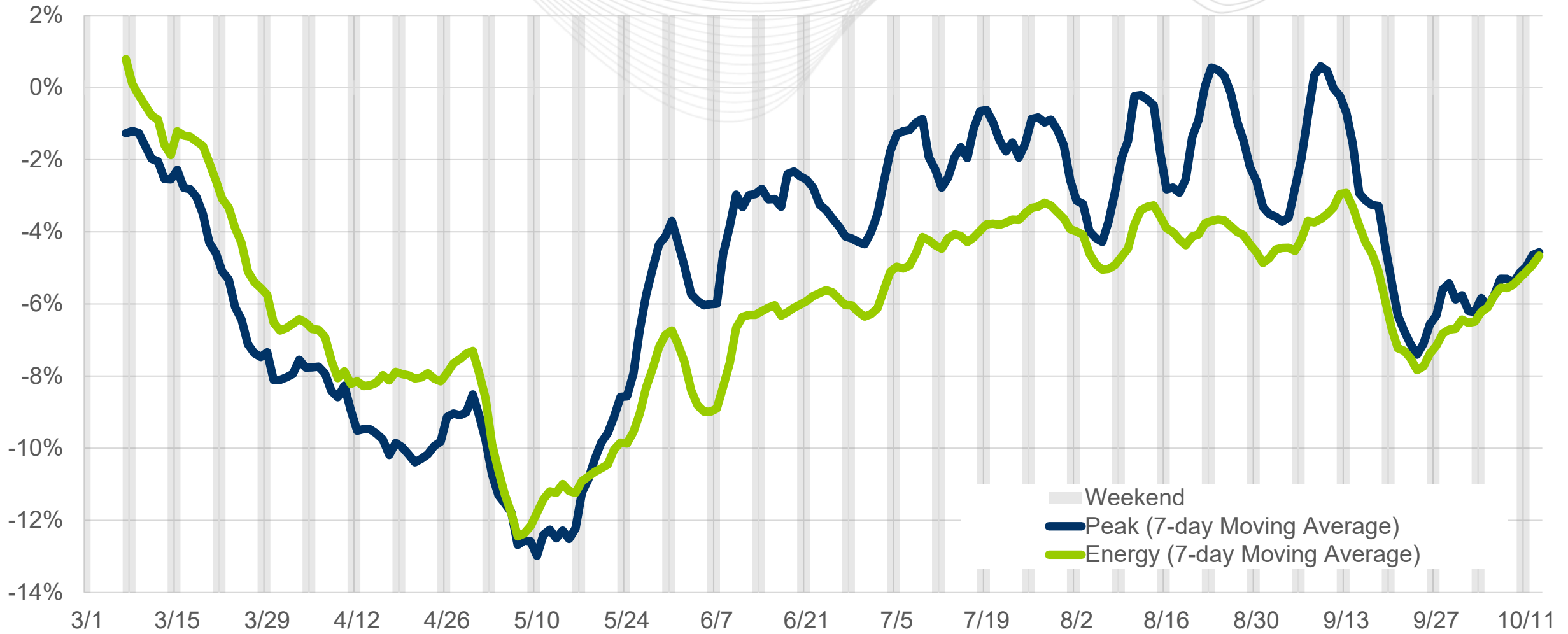


Estimated Impact of COVID-19 on Daily Peak and Energy





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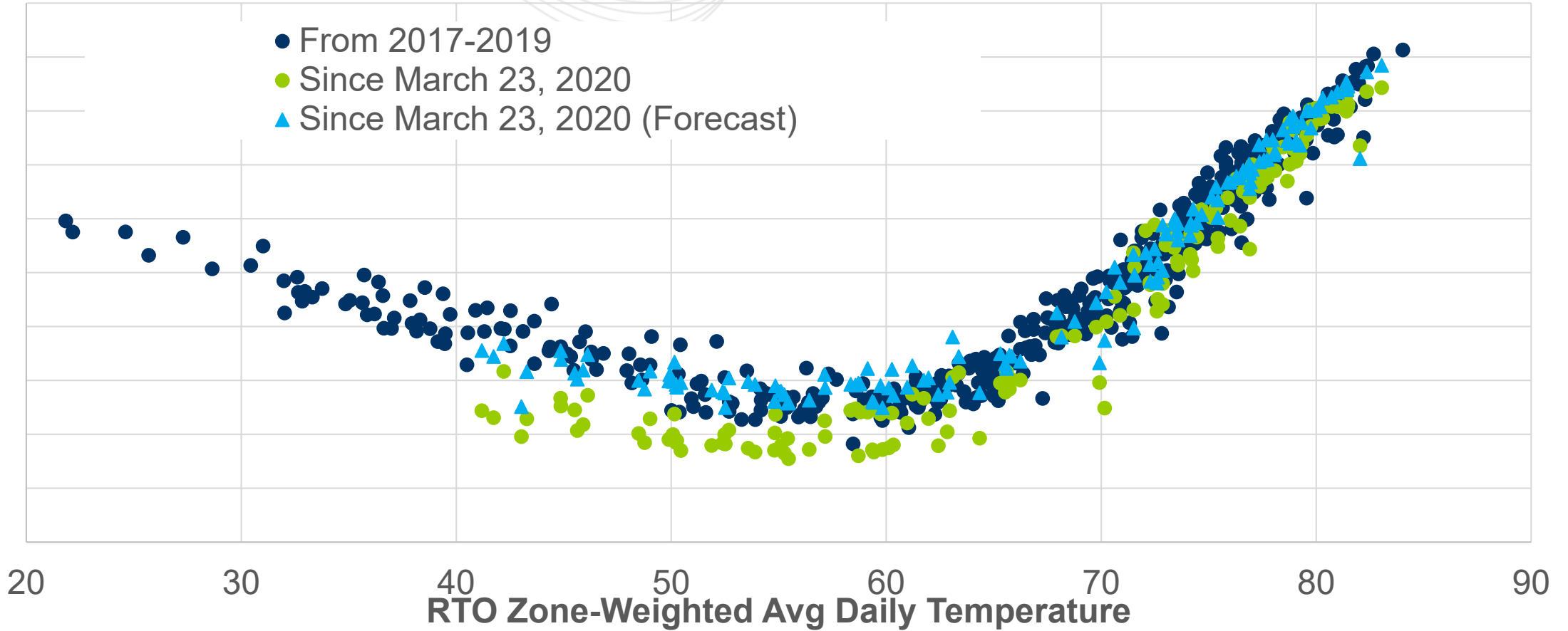


- Peak impacts had eased through the Summer, but have increased as the impact of heightened weather sensitivity fades. July to August weekday impacts came in 1.9% less (~2,600 MW) than what we would have anticipated. Thus far in October, this figure increased to 5.7% (~5,100 MW).
- Energy impacts show the same trend. July to August energy peaks were 4.1% and in October so far have been 5%.
- Consider these estimates to be a guide not a rule.

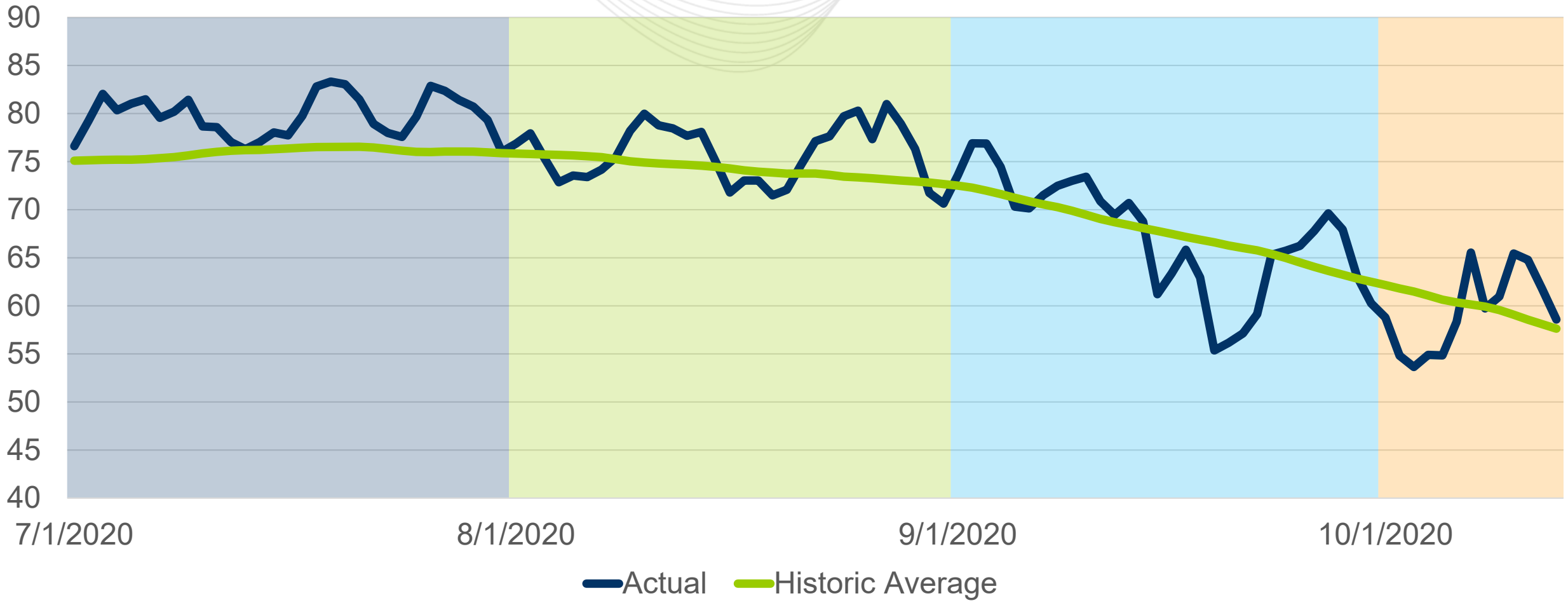
Weekday Peak Loads and Temperature March 1 to October 15

Daily Peak

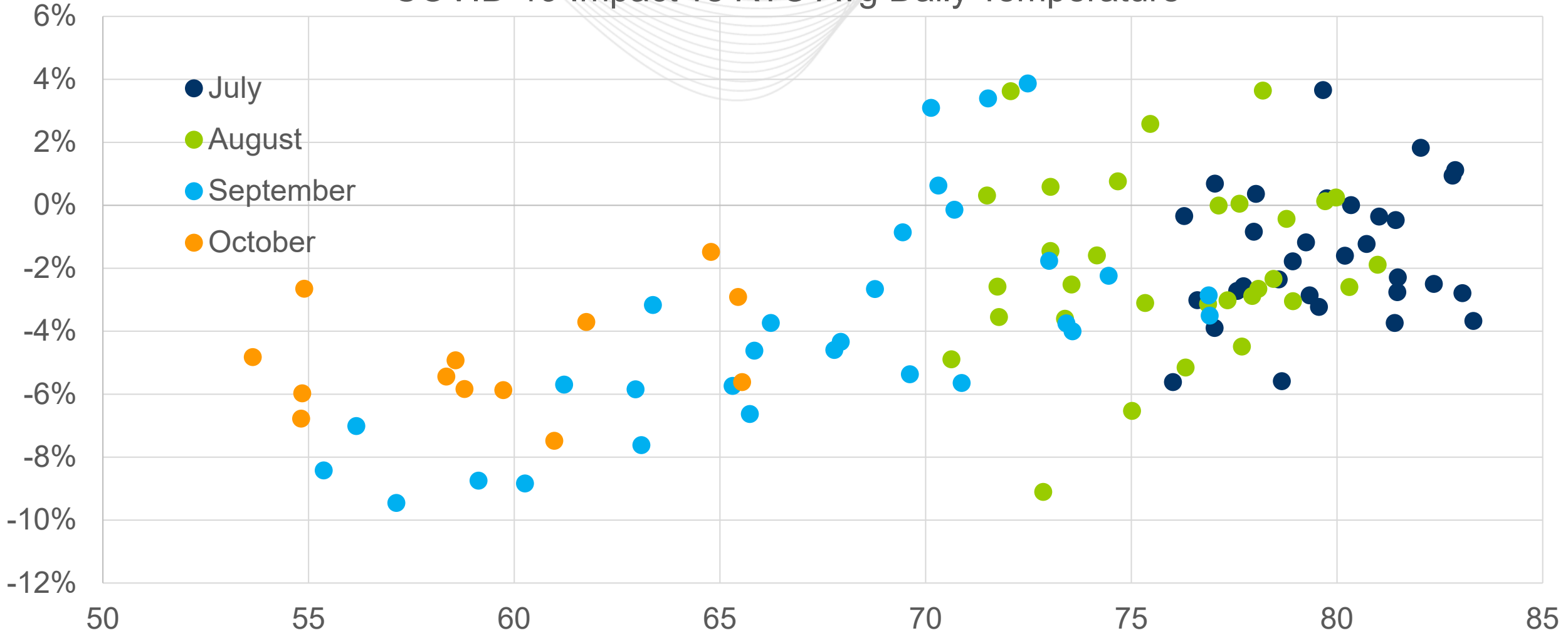
160,000
150,000
140,000
130,000
120,000
110,000
100,000
90,000
80,000
70,000
60,000



RTO Zonal-Weighted Average Daily Temperatures



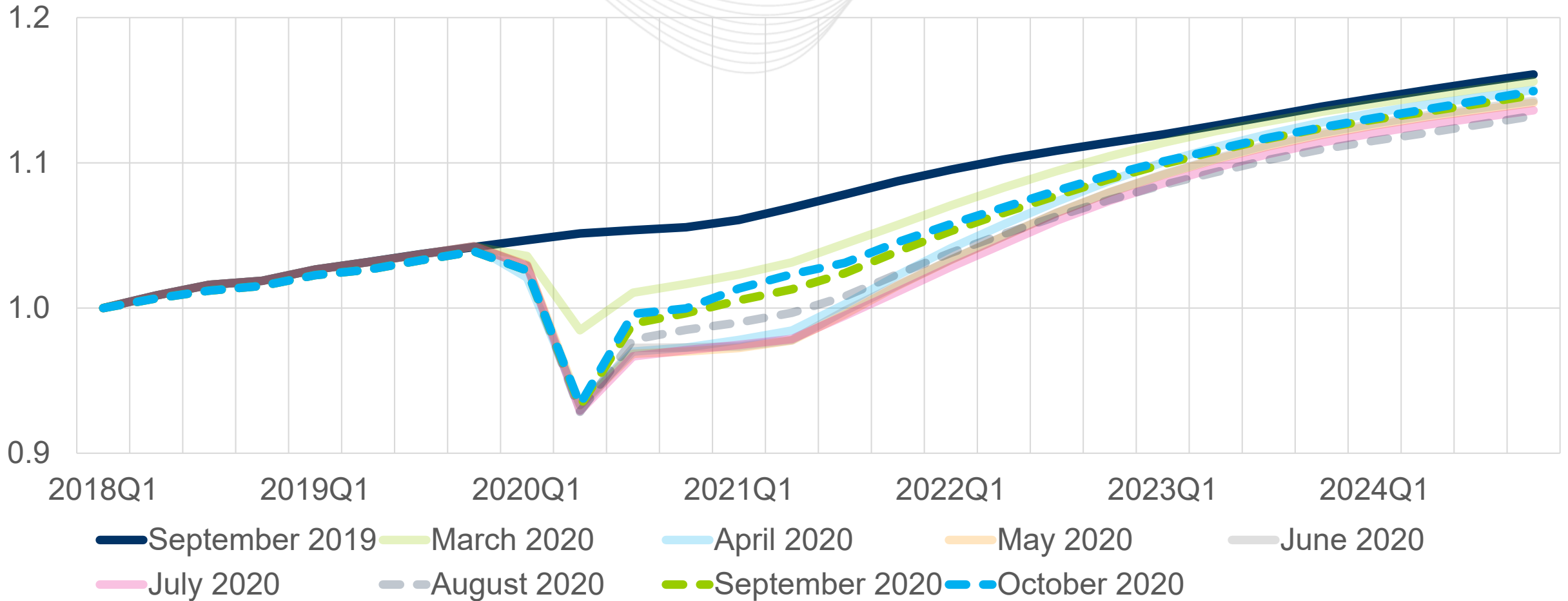
COVID-19 Impact vs RTO Avg Daily Temperature





Moody's Analytics Economic Forecast U.S. Real Gross Domestic Product (2018Q1 = 1.0)

U.S. Real GDP (2018Q1 = 1.0)



- Model estimation period for 2021 Load Forecast will extend through August 31, 2020. Two paths:
 - Control: Limit the impact/eliminate of current situation on the assumption of future trends.
 - Option: Add variables to the model that mitigate the impact.
 - Option: Don't include the load data in the model.
 - Note: The forecast impacts of the pandemic would still be felt via economic forecast.
 - Status Quo: Do nothing additional.

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COVID-19 Impacts



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