

**A report by the staff of the
Public Utilities Commission of Ohio**

Weekly Report of COVID-19 Impacts by Electric Transmission Zone

April 14, 2020

The Public Utilities Commission of Ohio's (PUCO) Office of the Federal Energy Advocate is producing this special report due to a current COVID-19 pandemic event which is drastically affecting all facets of life in the USA. Specifically, this report analyzes the load differences for electric transmission zones that are entirely or partly in Ohio.

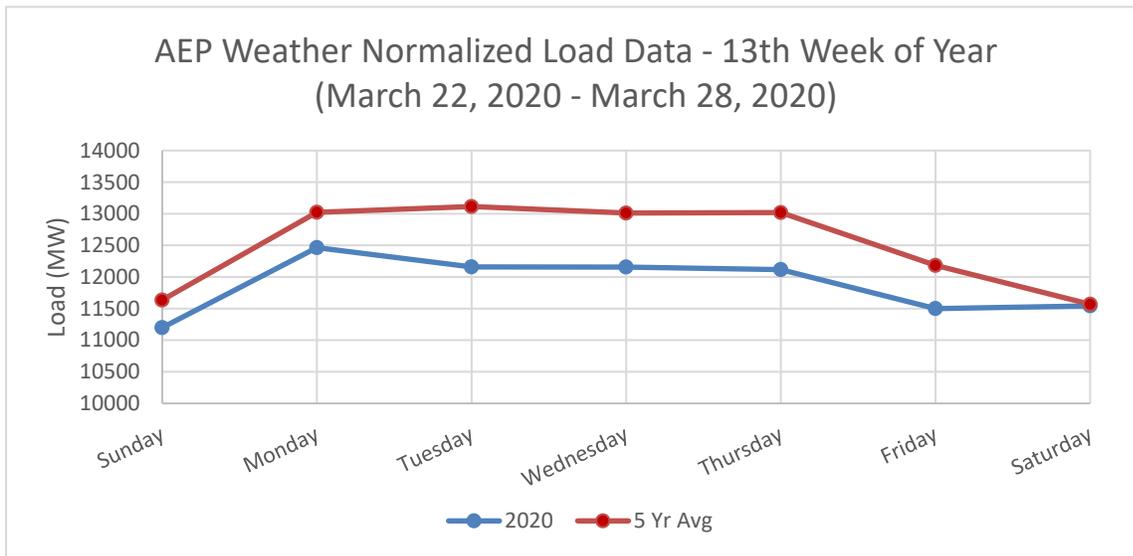
In order to properly evaluate load differences per year, Staff removed weather effects from the data as well as aligning days to properly have weekdays only compared with other weekdays. Staff attempted to use a forecasted load to compare to the 2020 load; however, the data is too noisy to reliably use any forecast for such a short-term forecast; in addition, the growth rate is marginal at best.

The Office of the Federal Energy Advocate intends to continue a weekly analysis that captures every week since the COVID-19 pandemic was declared up to the week preceding the last report. Staff also intends to pursue a forecasted number to compare 2020 weekly loads (currently an average of the last 5 years is being used). Finally, Staff also intends to include natural gas transportation at a few key pipelines in a similar comparison.

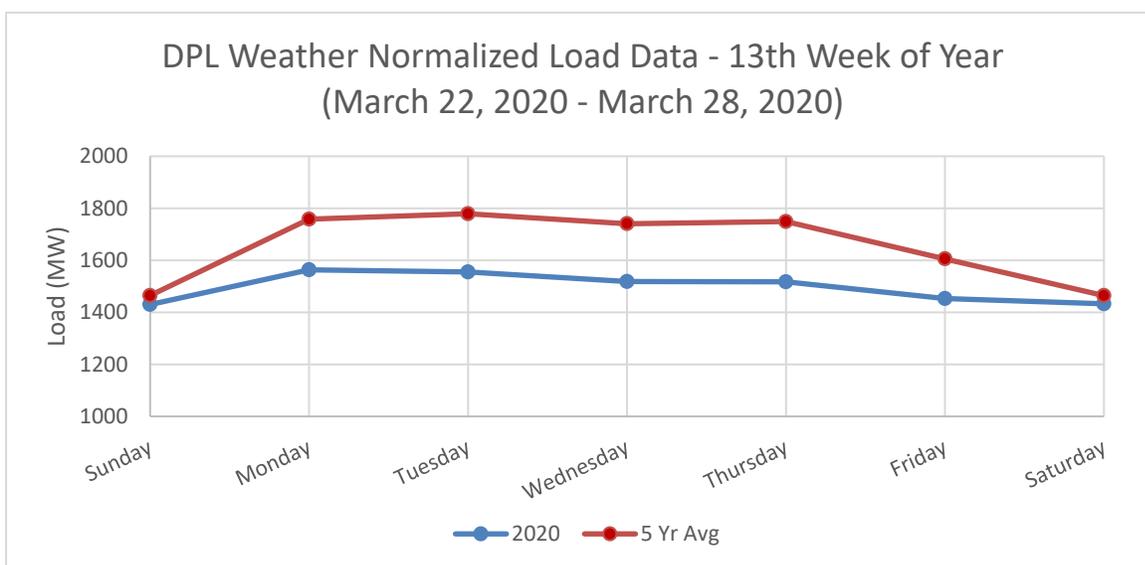
This weekly briefing report is for the 13th week of the year (For 2020 that is March 22-28). As seen in the data, there is a slight non-trivial decrease in load comparing year over year. When comparing the decreases from the 12th week of the year, the 13th week of 2020 experiences a larger decrease from the average than previous weeks did. That being stated, the decrease is still insignificant. There is not much evidence yet that during the fourth week of March there is an impact to demand from virus related responses.

Please see the graphs provided on the subsequent pages for further detail.

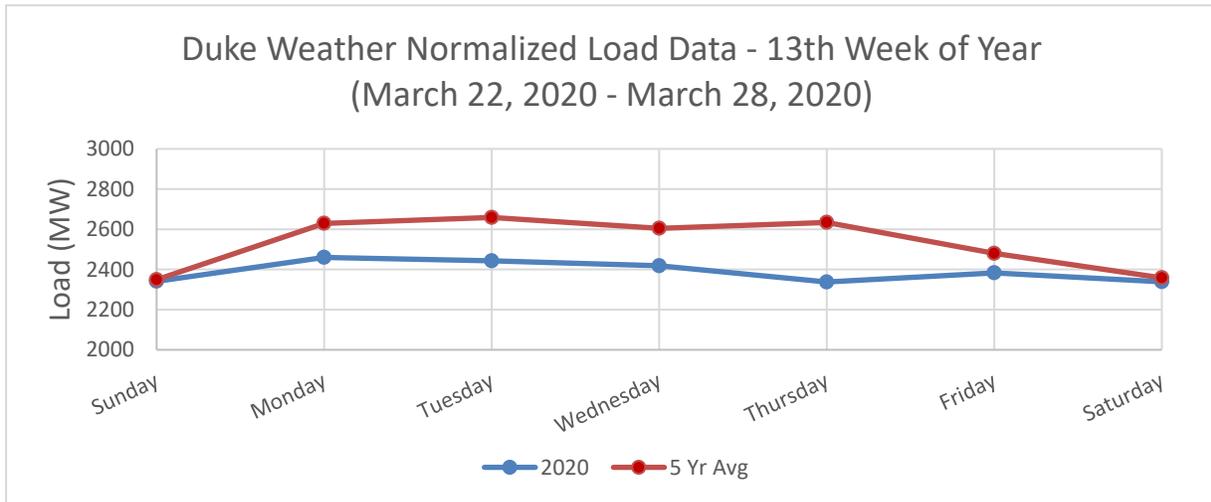
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2020	11197.97	12463.56	12159.17	12157.11	12117.10	11500.32	11543.04
5 Year Avg (2015-2019)	11634.49	13022.24	13113.90	13010.86	13018.83	12183.25	11568.21
Difference	-436.516	-558.673	-954.729	-853.745	-901.724	-682.929	-25.167
Diff %	-4%	-4%	-7%	-7%	-7%	-6%	0%



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2020	1429.92	1563.33	1555.10	1518.23	1517.15	1452.83	1432.54
5 Year Avg (2015-2019)	1464.48	1758.17	1778.93	1740.47	1748.80	1605.29	1464.22
Difference	-34.56	-194.84	-223.83	-222.25	-231.65	-152.46	-31.68
Diff %	-2.36%	-11.08%	-12.58%	-12.77%	-13.25%	-9.50%	-2.16%



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2020	2340.90	2459.88	2442.63	2418.40	2337.64	2382.90	2338.63
5 Year Avg (2015-2019)	2348.99	2629.39	2658.84	2604.78	2634.07	2480.18	2358.43
Difference	-8.088	-169.506	-216.211	-186.383	-296.433	-97.281	-19.798
Diff %	0%	-6%	-8%	-7%	-11%	-4%	-1%



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2020	5541.422	6250.841	6190.508	5981.342	6030.731	5647.59	5415.706
5 Year Avg (2015-2019)	5882.211	6856.346	6893.057	6724.81	6776.263	6430.291	5991.855
Difference	-340.788	-605.505	-702.549	-743.469	-745.532	-782.7	-576.148
Diff %	-6%	-9%	-10%	-11%	-11%	-12%	-10%

