

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

**Weekly Report of COVID-19 Impacts by Electric Transmission Zone**

May 7, 2020

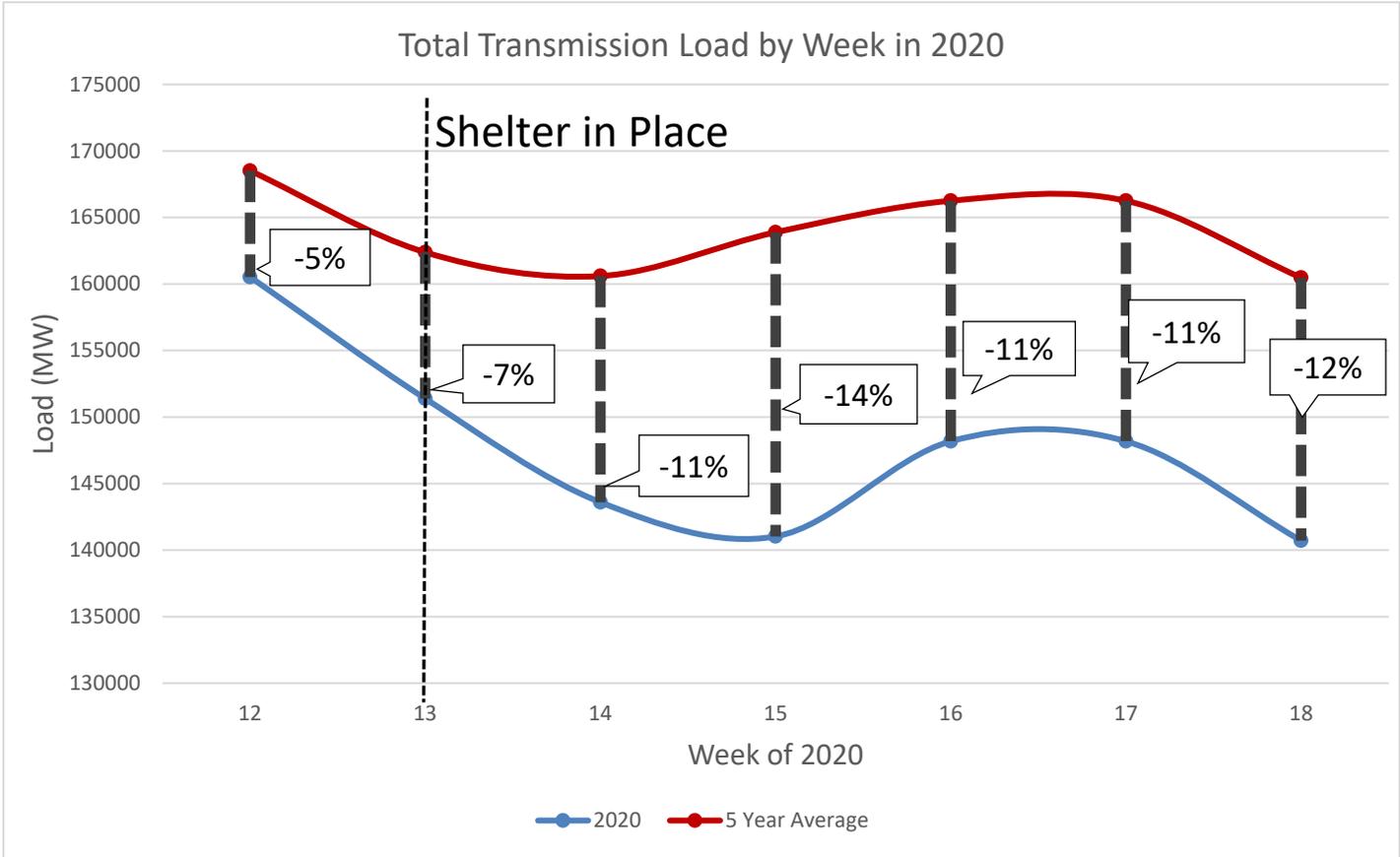
The Public Utilities Commission of Ohio's (PUCO) Office of the Federal Energy Advocate is producing this special report due to a current COVID-19 pandemic event which is drastically affecting all facets of life in the USA. Specifically, this report analyzes the load differences for electric transmission 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 intends to continue a weekly analysis that captures every week since the COVID-19 pandemic was declared up to the week preceding the current week. In order to make a baseline for the weekly reports, staff continues the method of denoting the week of the year

This weekly briefing report is for the 18<sup>th</sup> week of 2020 (For 2020, that is April 26 – May 2). An analysis of this week demonstrates the impact of COVID-19 spread prevention tactics in energy consumption. **Last week the load reduction versus the 5-year average was around 11 percent; this week the reduction is around 12 percent.** The difference is less toward the end of the week. The differences in the data between the historical trend and the current are statistically significant. It is expected this year over year decrease in electric transmission load will continue in future weeks.

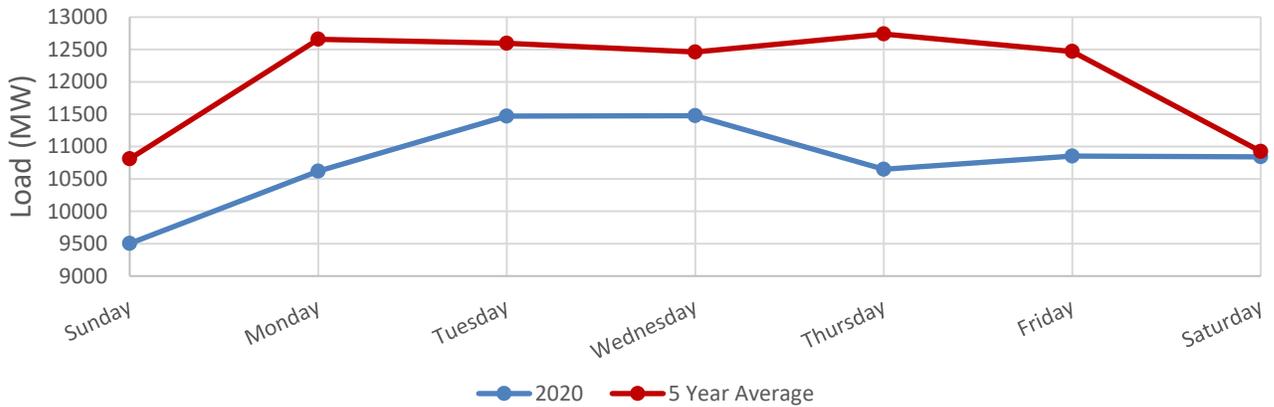
Please see the graphs provided on the subsequent pages for further detail.

Cumulative Data	12	13	14	15	16	17	18
<b>2020</b>	160527.49	151386.49	143598.89	141029.19	148182.63	148182.63	140714.36
<b>5 Year Average (2015-2019)</b>	168508.59	162381.65	160598.77	163883.64	166252.21	166252.21	160477.10
<b>Diff #</b>	-7981.10	-10995.16	-16999.89	-22854.45	-18069.58	-18069.58	-19762.73
<b>Diff %</b>	-5%	-7%	-11%	-14%	-11%	-11%	-12%



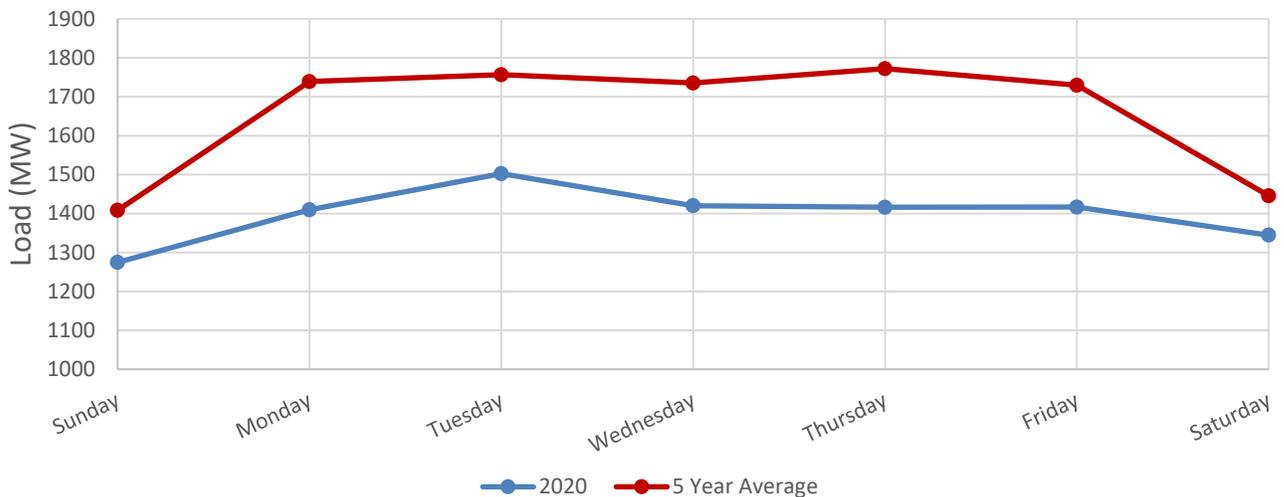
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>2020</b>	9503.17	10620.03	11470.52	11476.72	10648.99	10853.13	10841.71
<b>5 Year Avg (2015-2019)</b>	10810.66	12658.31	12595.75	12460.80	12738.99	12469.17	10924.73
<b>Difference</b>	-1307.48	-2038.29	-1125.23	-984.08	-2090.00	-1616.04	-83.02
<b>Diff %</b>	-12%	-16%	-9%	-8%	-16%	-13%	-1%

AEP Weather Normalized Load Data - 18th Week of 2020



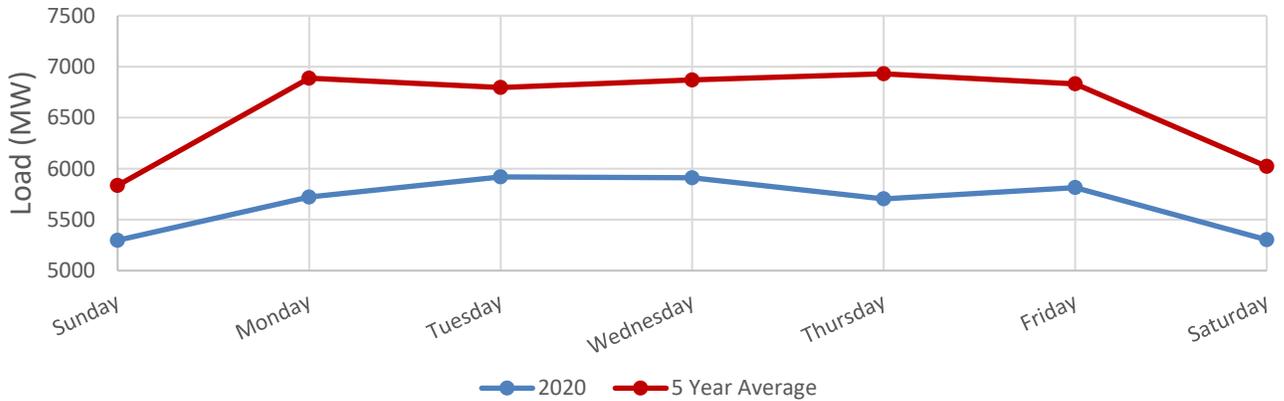
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>2020</b>	1274.62	1409.70	1502.56	1420.14	1416.18	1416.75	1344.47
<b>5 Year Avg (2015-2019)</b>	1408.28	1739.06	1756.73	1735.33	1772.26	1729.72	1445.62
<b>Difference</b>	-133.67	-329.35	-254.17	-315.20	-356.08	-312.98	-101.14
<b>Diff %</b>	-9%	-19%	-14%	-18%	-20%	-18%	-7%

DP&L Weather Normalized Load Data - 18th Week of 2020



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2020	5297.58	5722.19	5919.20	5910.81	5703.77	5814.48	5303.09
5 Year Avg (2015-2019)	5835.49	6887.28	6796.31	6869.70	6930.31	6832.12	6022.24
Difference	-537.91	-1165.09	-877.11	-958.88	-1226.54	-1017.64	-719.15
Diff %	-9%	-17%	-13%	-14%	-18%	-15%	-12%

Atsi Weather Normalized Load Data - 18th Week of 2020



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2020	2024.03	2277.98	2363.99	2324.40	2277.92	2321.34	2254.87
5 Year Avg (2015-2019)	2315.78	2635.33	2627.19	2672.59	2751.79	2700.37	2355.19
Difference	-291.74	-357.35	-263.19	-348.19	-473.86	-379.03	-100.32
Diff %	-13%	-14%	-10%	-13%	-17%	-14%	-4%

Duke Weather Normalized Load Data - 18th Week of 2020

