

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

Weekly Report of COVID-19 Impacts by Electric Transmission Zone

June 18, 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.

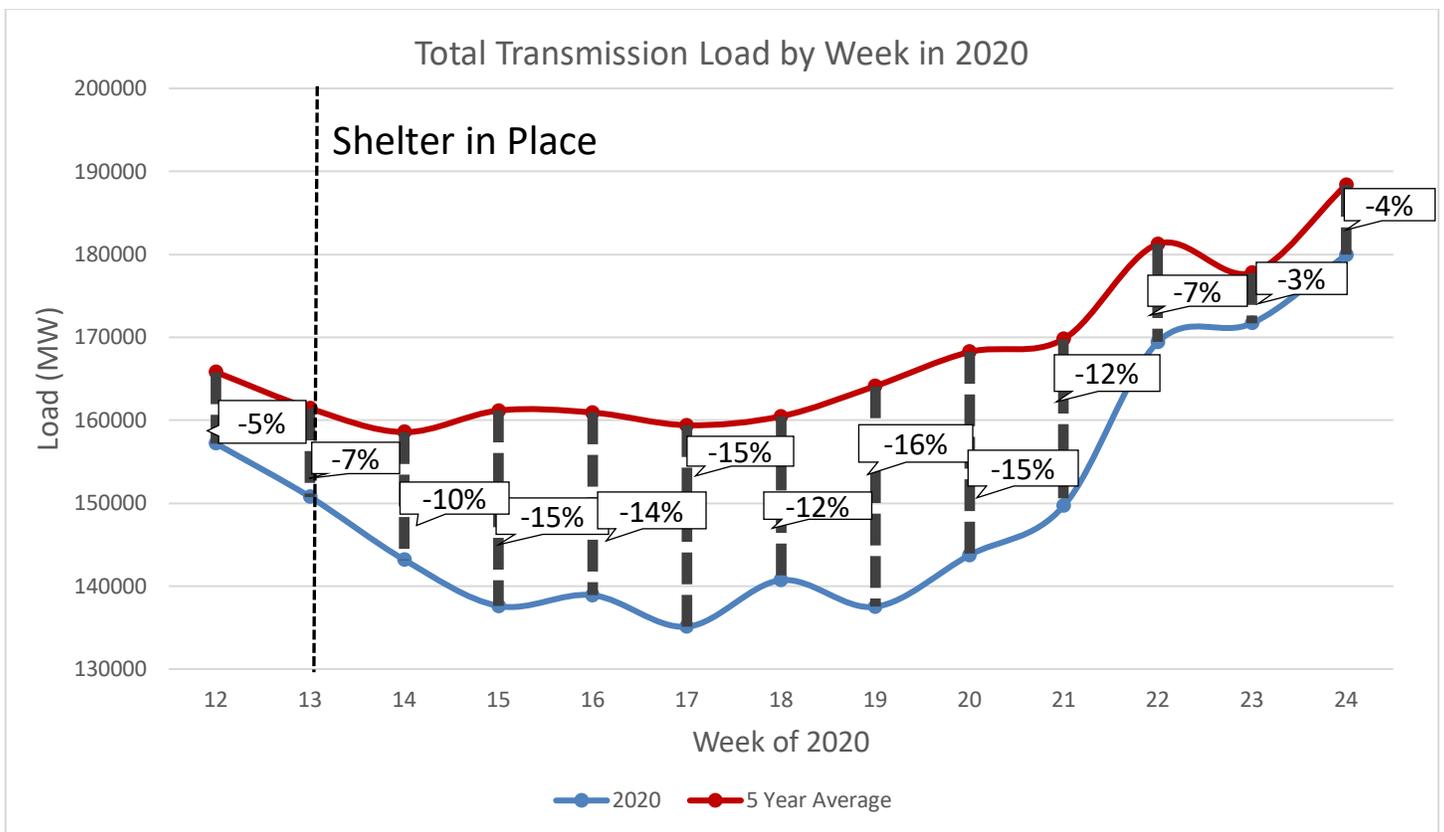
In order to properly evaluate load differences per year, Staff removed weather effects from the data as well as aligning days to properly have weekdays only compared with other weekdays. Staff intends to continue a weekly analysis that captures every week since the COVID-19 pandemic was declared up to 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 24th week of 2020 (For 2020 that is June 7 – June 13). 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 3 percent; this week the reduction is around 4 percent. Staff believes this trend represents a return to pre-pandemic conditions from an energy usage perspective.** Additionally, the five-year trend demonstrates a growth in electricity demand during the 24th week of the year. Electricity demand in 2020 is less than in past years absent weather during week 24. It is expected the current trend of no significant statistical difference going forward until more mitigating events occur.

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

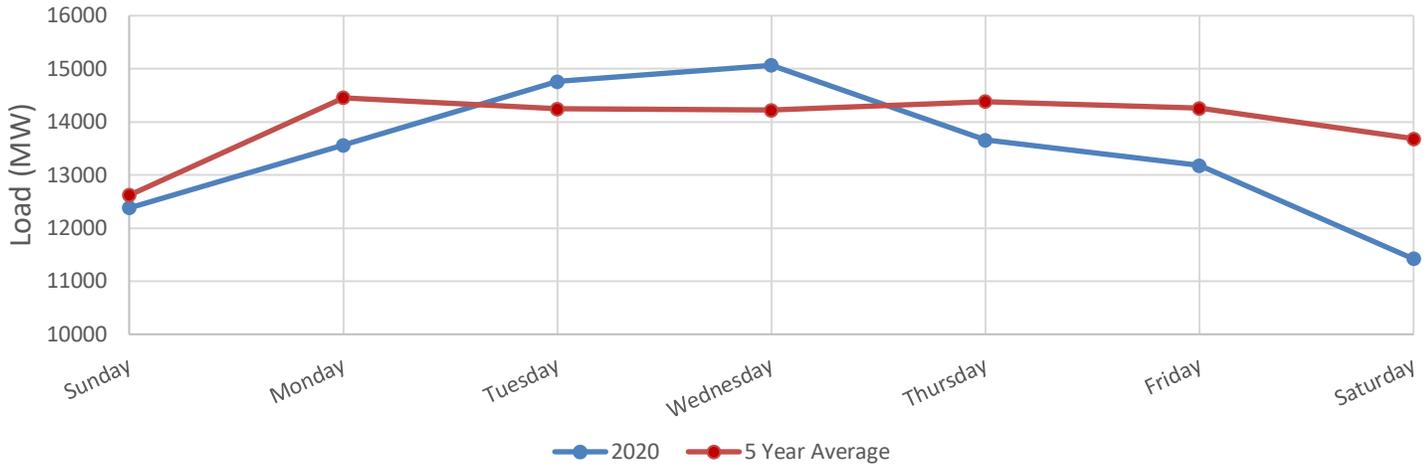
Cumulative	12	13	14	15	16	17
2020	157189.59	150743.53	143172.17	137607.27	138906.36	135110.31
5 Year Average (2015-2019)	165798.79	161409.94	158563.01	161167.92	165798.79	159402.73
Diff #	-8609.20	-10666.41	-15390.85	-23560.65	-22020.26	-2492.43
Diff %	-5%	-7%	-10%	-15%	-14%	-15%

18	19	20	21	22	23	24
140714.36	137512.40	143738.02	149666.88	169427.79	171688.82	179937.76
160477.10	164116.79	168226.35	169794.78	181241.80	177769.17	188372.27
-19762.73	-26604.38	-24488.33	-20127.90	-11814.01	-6080.35	-8434.51
-12%	-16%	-15%	-12%	-7%	-3%	-4%



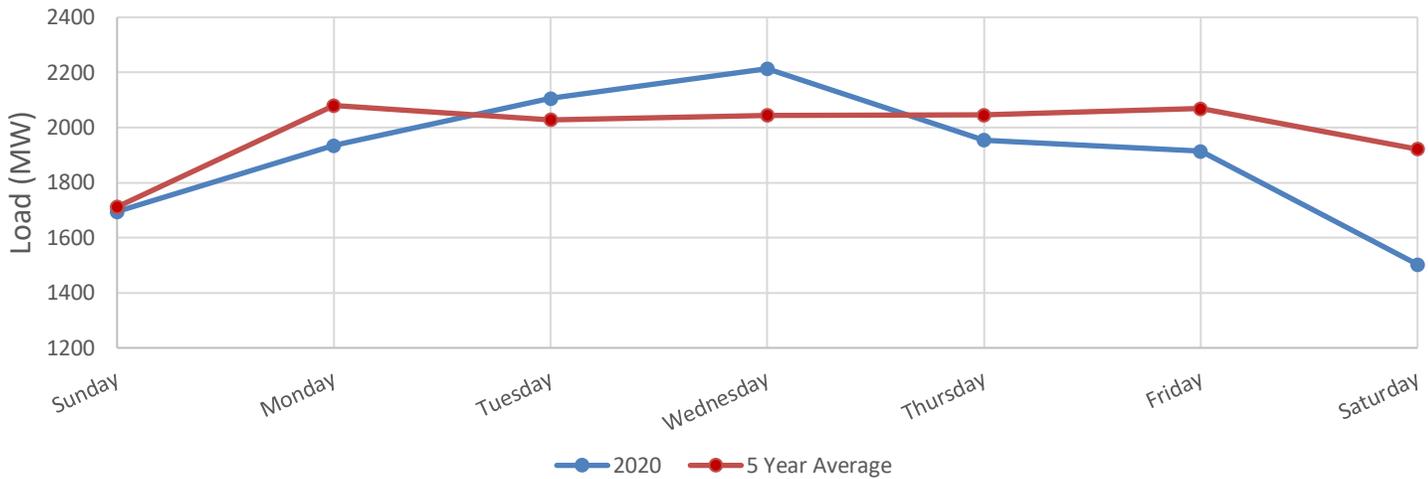
AEP	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2020	12378.41	13559.76	14759.55	15065.3	13658.23	13179.71	11419.55
5 Year Avg (2015-2019)	12618.21	14452.31	14242.03	14220.34	14381.06	14259.62	13680.08
Difference	-239.804	-892.549	517.5146	844.958	-722.83	-1079.91	-2260.53
Diff %	-2%	-6%	4%	6%	-5%	-8%	-17%

AEP Weather Normalized Load Data - 24th Week of 2020



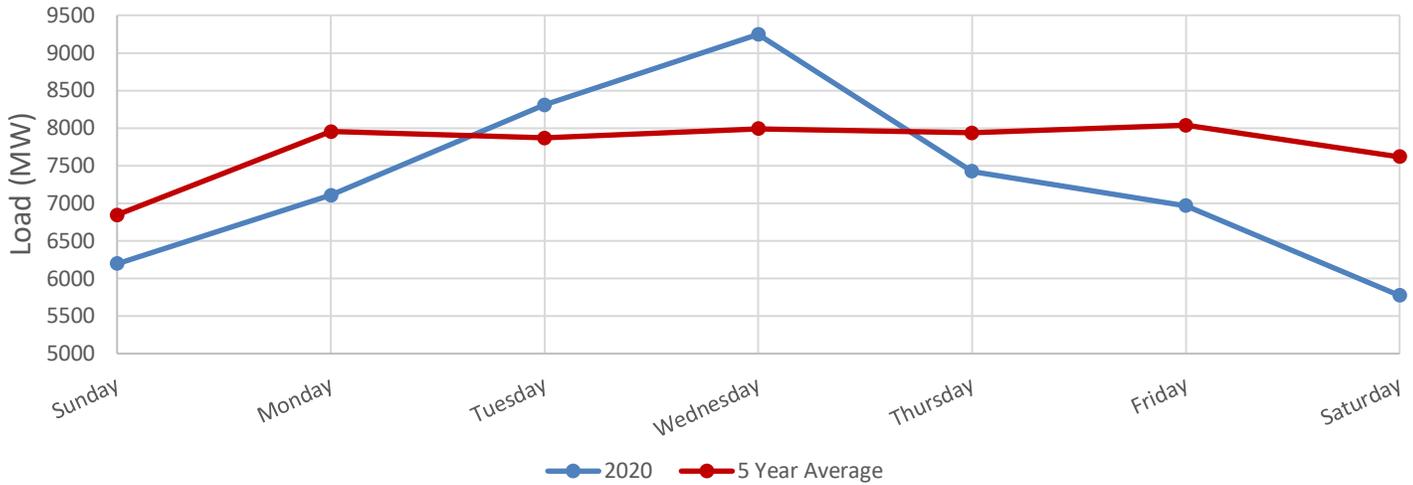
DPL	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2020	1693.86	1934.16	2105.41	2213.58	1953.93	1913.94	1502.91
5 Year Avg (2015-2019)	1711.75	2079.94	2028.13	2044.16	2044.98	2069.06	1922.17
Difference	-17.89	-145.77	77.29	169.42	-91.05	-155.12	-419.26
Diff %	-1%	-7%	4%	8%	-4%	-7%	-22%

DPL Weather Normalized Load Data - 24th Week of 2020



ATSI	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2020	6194.58	7104.67	8310.18	9245.41	7424.94	6965.37	5772.05
5 Year Avg (2015-2019)	6845.99	7952.71	7866.55	7988.87	7937.17	8038.21	7617.71
Difference	-651.41	-848.04	443.63	1256.54	-512.23	-1072.83	-1845.67
Diff %	-10%	-11%	6%	16%	-6%	-13%	-24%

ATSI Weather Normalized Load Data - 24th Week of 2020



DUKE	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2020	2904.81	3113.52	3415.97	3505.15	3090.76	3008.24	2543.81
5 Year Avg (2015-2019)	2935.40	3292.05	3149.25	3187.37	3242.46	3302.76	3261.94
Difference	-30.59	-178.53	266.72	317.78	-151.69	-294.52	-718.13
Diff %	-1%	-5%	8%	10%	-5%	-9%	-22%

Duke Weather Normalized Load Data - 24th Week of 2020

