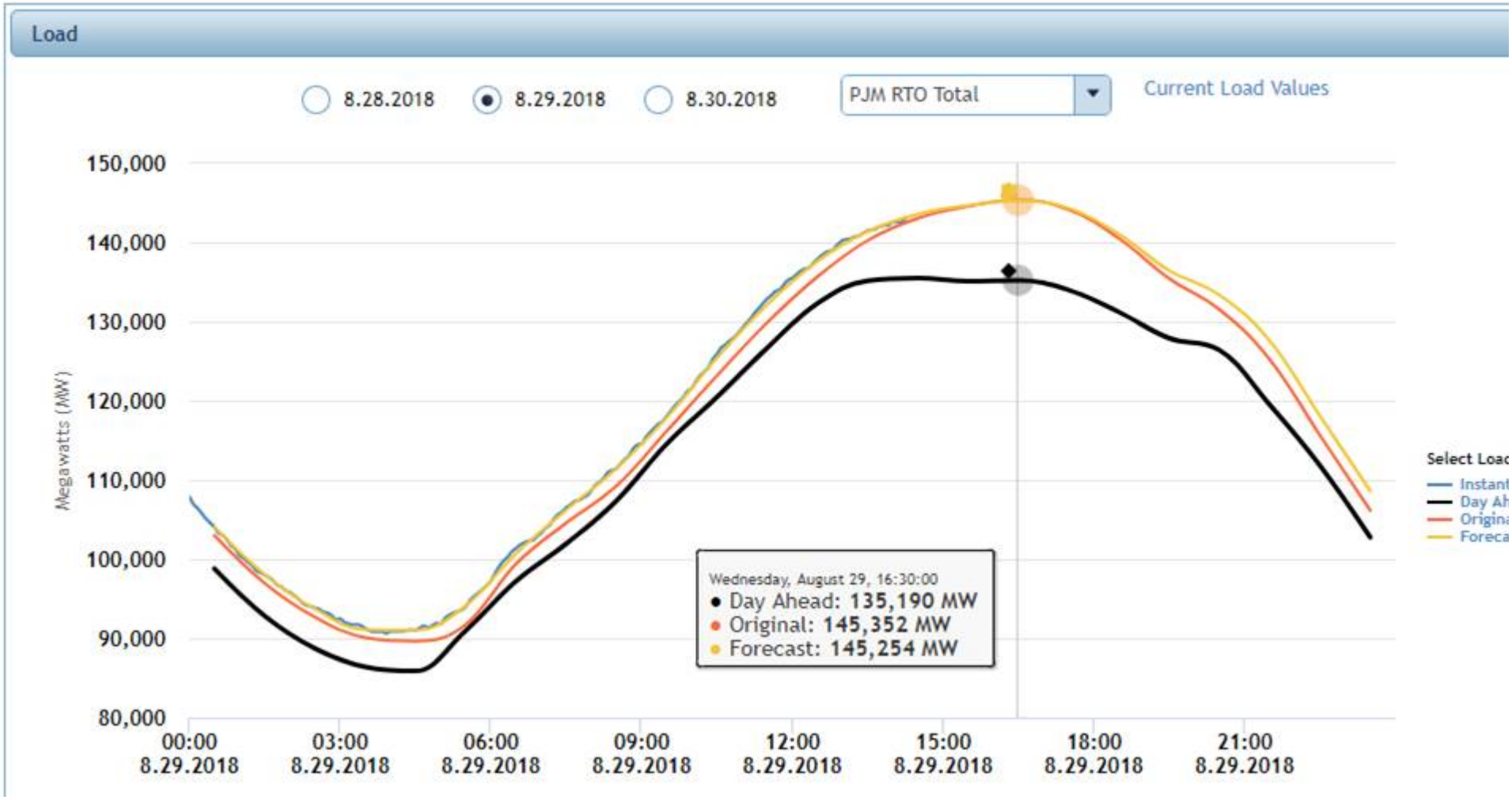
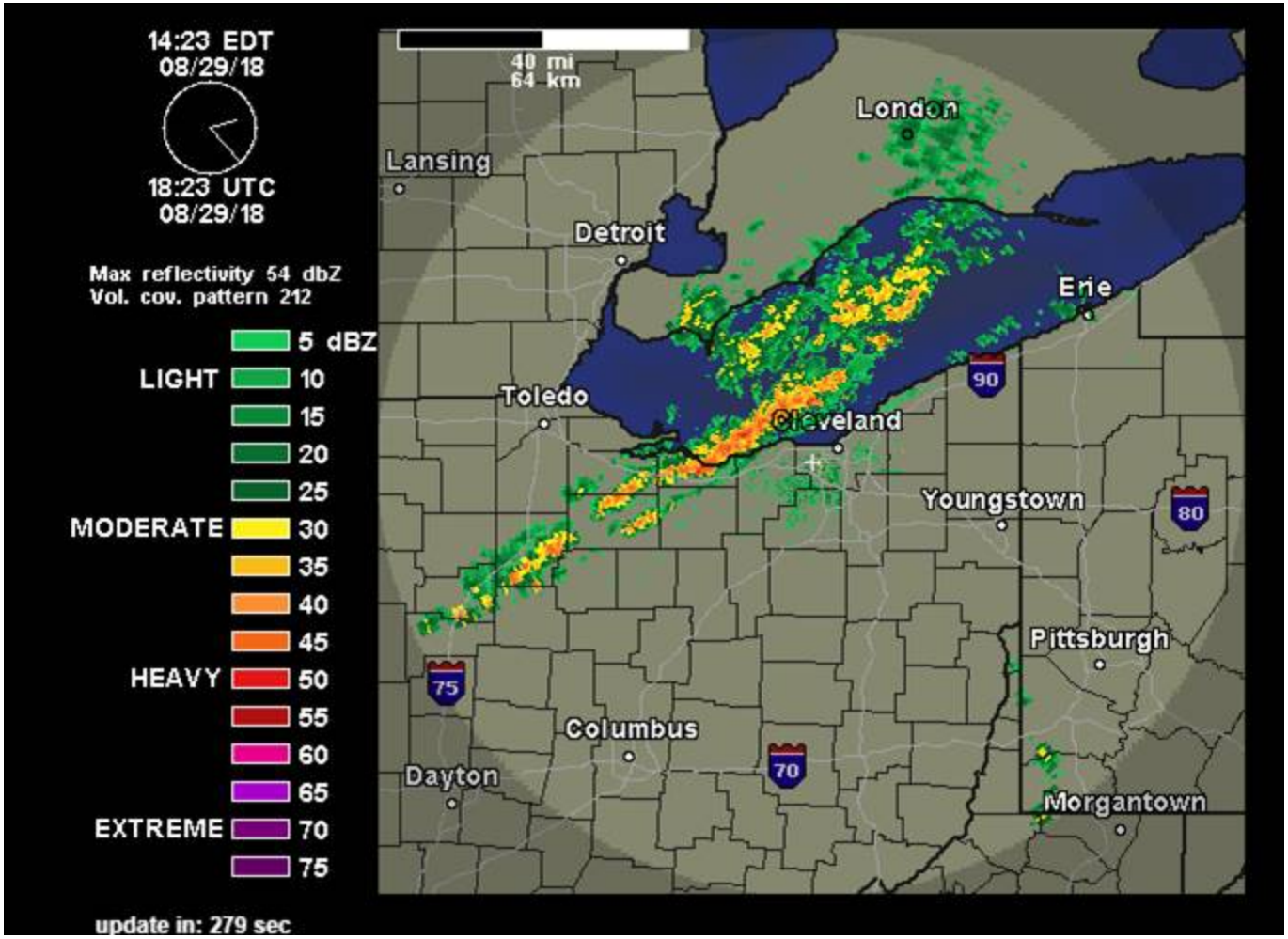
Robin Houston

From: Jim Poprocki <Jim.Poprocki@igs.com>
Sent: Wednesday, August 29, 2018 2:34 PM
To: Jim Poprocki
Subject: Update: PJM Peak Report for 8-29-2018
Attachments: 08.29.18 PJM-PLC Forecast.pdf

The PJM demand forecast has been consistently falling during the day and currently stands roughly equal to the 5th highest day experienced earlier this summer. The potential for rain this afternoon in Ohio is a risk that would push the load below the Peak day level. The radar screenshot below may be helpful in your decision making.


Load
8.28.2018
8.29.2018
8.30.2018
PJM RTO Total
Current Load Values
150,000
140,000
130,000
120,000
110,000
100,000
90,000
80,000
Megawatts (MW)
00:00 8.29.2018
03:00 8.29.2018
06:00 8.29.2018
09:00 8.29.2018
12:00 8.29.2018
15:00 8.29.2018
18:00 8.29.2018
21:00 8.29.2018
Wednesday, August 29, 16:30:00
Day Ahead: 135,190 MW
Original: 145,352 MW
Forecast: 145,254 MW
Select Load



From: Jim Poprocki
Sent: Wednesday, August 29, 2018 8:30 AM
To: Jim Poprocki <Jim.Poprocki@igs.com>
Subject: PJM Peak Report for 8-29-2018

Today has a <u>high probability</u> of experiencing a Peak day. Current forecast for the peak across HE 17 is 146,690 MWs. This would be slightly higher than the current 5th highest peak of the summer of 145,160 MWs from July 2nd. The forecast increased from yesterday, but there is rain expected to move into Ohio around HE17, which could push demand below the peak level. There will be an update sent prior to the peak to confirm the forecast at that time.

Yesterday was the highest peak day of the summer with a preliminary estimate of 151,478 in HE17. Thursday and Friday are low probability for Peak days.

Real Time PJM RTO Total load can be tracked here https://dataviewer.pjm.com/dataviewer/pages/public/load.jsf

Annual capacity costs are set by your usage contribution to the peak hour during the 5 peak days from June through September, multiplied by the auction clearing price. Any usage reduction during these hours can reduce your costs starting in June of the following year. As the PJM forecasted usage approaches or exceeds the Estimated Control Target, you may want to reduce your organization's expected usage.

The capacity costs you pay go to power generators who can guarantee availability. IGS Energy sets an estimated control target based on the previous summer's peaks and will adjust the target as the current summer progresses. Annual clearing prices are determined by PJM through auctions. More information about PJM can be found at www.PJM.com

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