

## Robin Houston

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**From:** Maha Kashani <Maha.Kashani@igs.com>  
**Sent:** Tuesday, July 10, 2018 1:43 PM  
**To:** Maha Kashani  
**Subject:** FW: Update: PJM Peak Report for 7-10-2018

Hello and Happy Tuesday!

I just wanted to make sure everyone saw the midday update email below. PJM has revised the load forecast up from this morning and are now forecasting to surpass the current 5<sup>th</sup> Peak of the season (140,125 MW). As a result, IGS is revising our forecast to having a high probability of being a peak day in hour ending 17 or 18 (4-5pm or 5-6pm EST). There are some storms expected, so this forecast could potentially shift if those showers cool things down... that said, it looks like a peak day has snuck up on us intraday.

If you would like to follow PJM's forecast yourself, please visit this website: <https://dataviewer.pjm.com/dataviewer/pages/public/load.jsf>

When you land on this page, you'll need to click on the dropdown and select **PJM RTO Total** (highlighted in screen shot below) and then you can scroll over individual hours to see the "Original" forecast, "Day Ahead" forecast and then "Forecast" which is the real time forecast.



## Data Viewer

## Load

Latest PJM RTO Load: 132,834 MW

As of 7.10.2018 13:25 EDT

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Published Status: LMP Reserve

Regulation

RTO SR RTO PR MAD SR MAD PR

[Emergency Procedures](#) | [Constraints](#)[Locational Marginal Pricing Map](#)

## Locational Marginal Prices

As of 7.10.2018 13:20 EDT



AE	DA \$45.37 RT \$30.73
AEP	DA \$46.85 RT \$30.37

At a Glance

Ancillary Services MCP

Ties &amp; Interfaces

Renewables

Weather

My Data

Locational Marginal Pricing

IT SCED Forecasted LMP

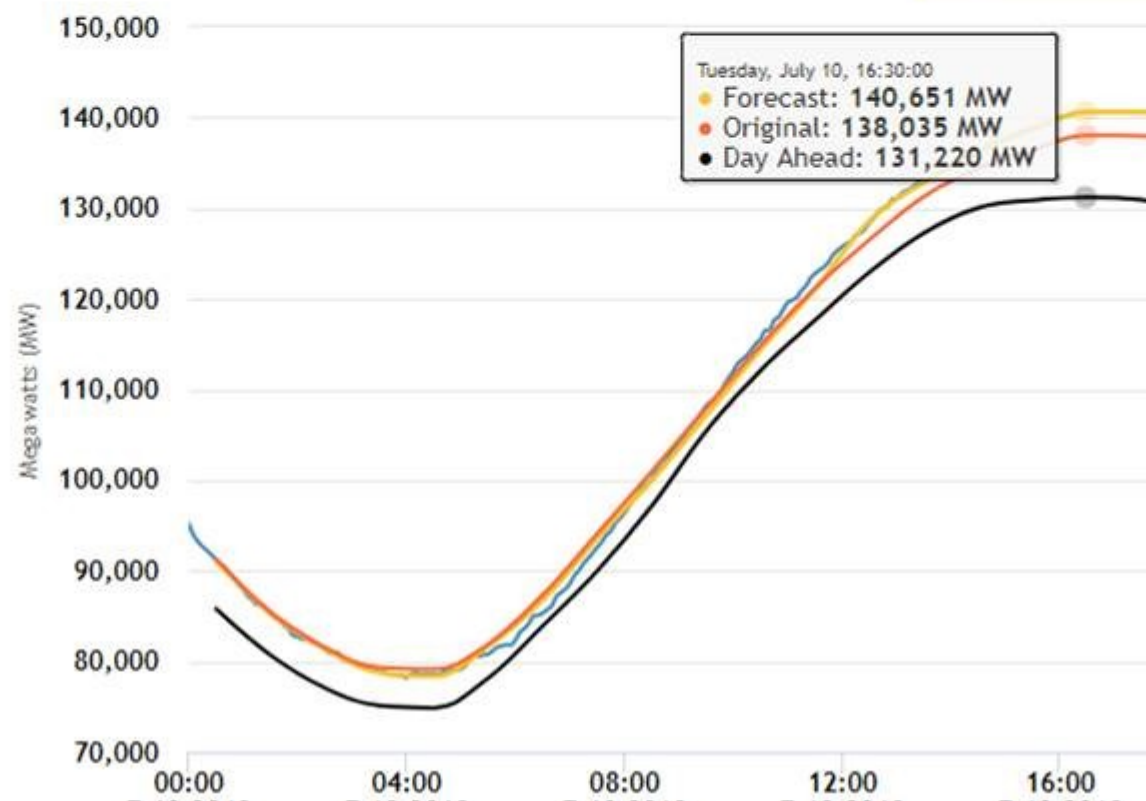
Load

Dispatch Rate Lambda

Area Control Error

☐ 7.9.2018☒ 7.10.2018☐ 7.11.2018

PJM RTO Total



Please let me know if anyone has any Qs!

Warmest Regards,

**Maha Kashani**

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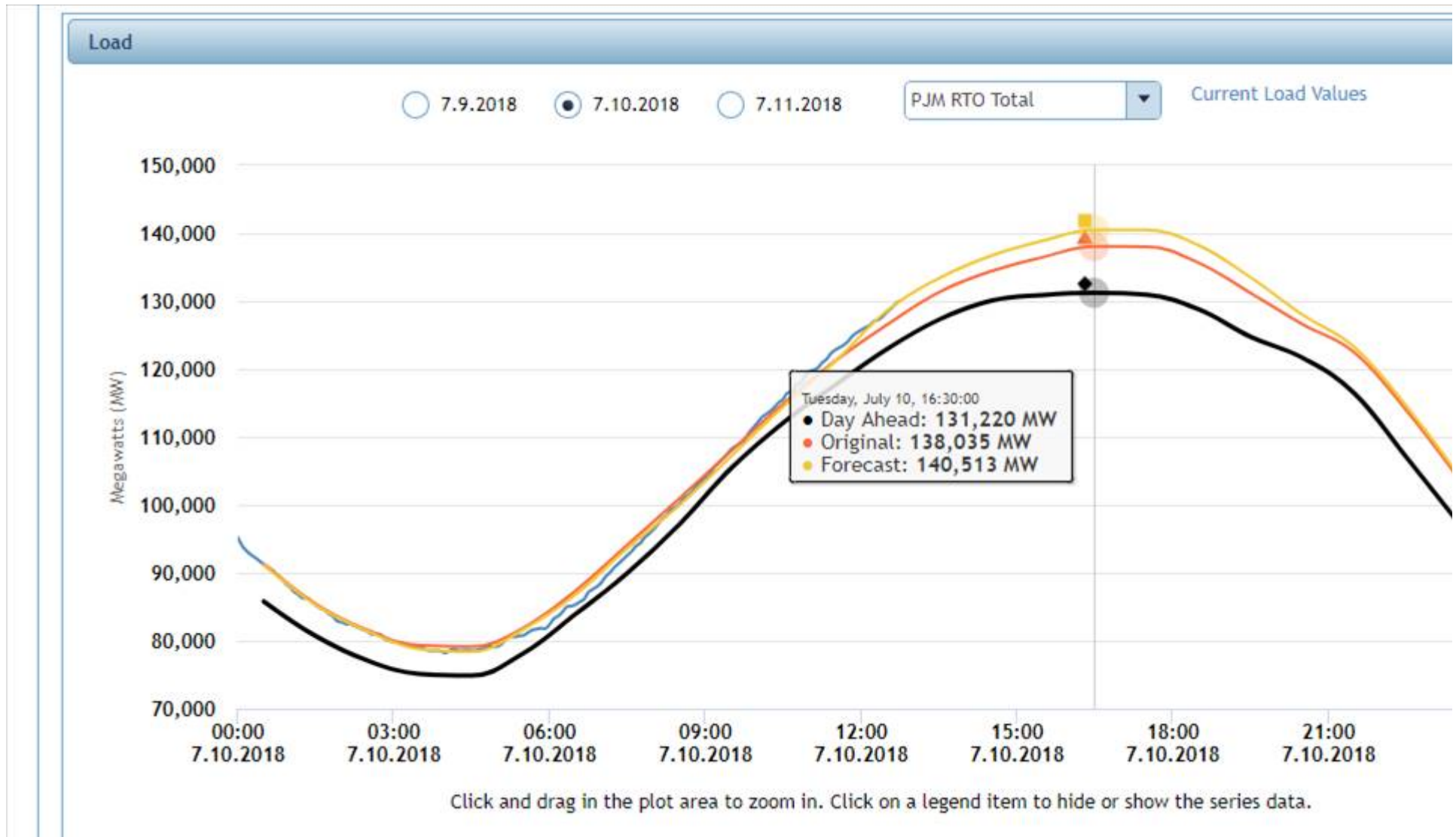
**From:** Jim Poprocki

**Sent:** Tuesday, July 10, 2018 1:03 PM

**To:** Jim Poprocki <Jim.Poprocki@igs.com>

**Subject:** Update: PJM Peak Report for 7-10-2018

Update: PJM has increased the Peak forecast from this morning (yellow line below) and it is now higher than the current 5<sup>th</sup> highest Peak experienced so far. This should occur in hour ending 17 or 18 (4-5pm or 5-6pm EST). There is a lower probability of scattered thunderstorms. As it stands, today now has a high probability of becoming a peak day.



From this morning:

Today is forecasted to have a medium probability of being a Peak Day since it is within 1.5% of the current 5th highest Peak day. The chance of rain in Ohio is below 50% this afternoon, contributing to the possibility that the heat builds and the actual load comes in higher than the current forecast. There will be an update in the early afternoon with the latest PJM Peak forecast. The worst case situation would be the forecast increases to 140,000 MWs and there is not a clear cut case of today being above or below the 5<sup>th</sup> highest peak already experienced.

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](http://www.PJM.com)

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## **Jim Poprocki**

Power Supply Lead

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