

From: Alan A aadamson@nycap.rr.com
Subject: Fw: DER- Loss of PV during a passing storm.
Date: July 25, 2018 at 2:47 PM
To: Roger Clayton roger.clayton@electricpowerresources.com



Roger,

For your information.

Al

----- Forwarded Message -----

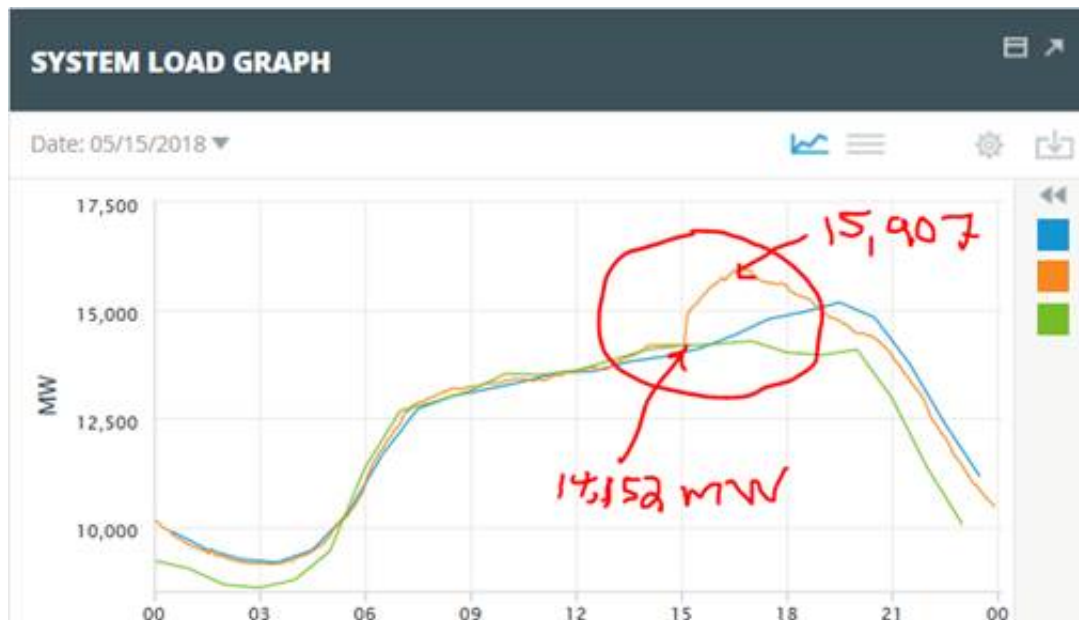
From: "Guy V. Zito" <gzito@npcc.org>
To: "rscmembers" <rscmembers@npcc.org>
Sent: 7/25/2018 8:56:17 AM
Subject: DER- Loss of PV during a passing storm.

Good Morning,

As we continue to see increased penetration in the Northeast of DER Solar ISO-NE observed the following.

On May 15 a storm in New England demonstrated the transient of weather impacts to PV output. On Tuesday, as the storm front came across New England, **net system load increased by almost 2,000 MW within about an hour and a half because of lost PV production!** A good example of the importance of forecasting and proper modeling of DER in planning and interoperability challenges for distribution and transmission. As we continue to develop the "Approach to DER Impacts on the BES" we need to consider these types of effects being sent to us and how we might deal with them as a Region.

Guy



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