



Net Energy Injections at Load Busses Quarterly Report

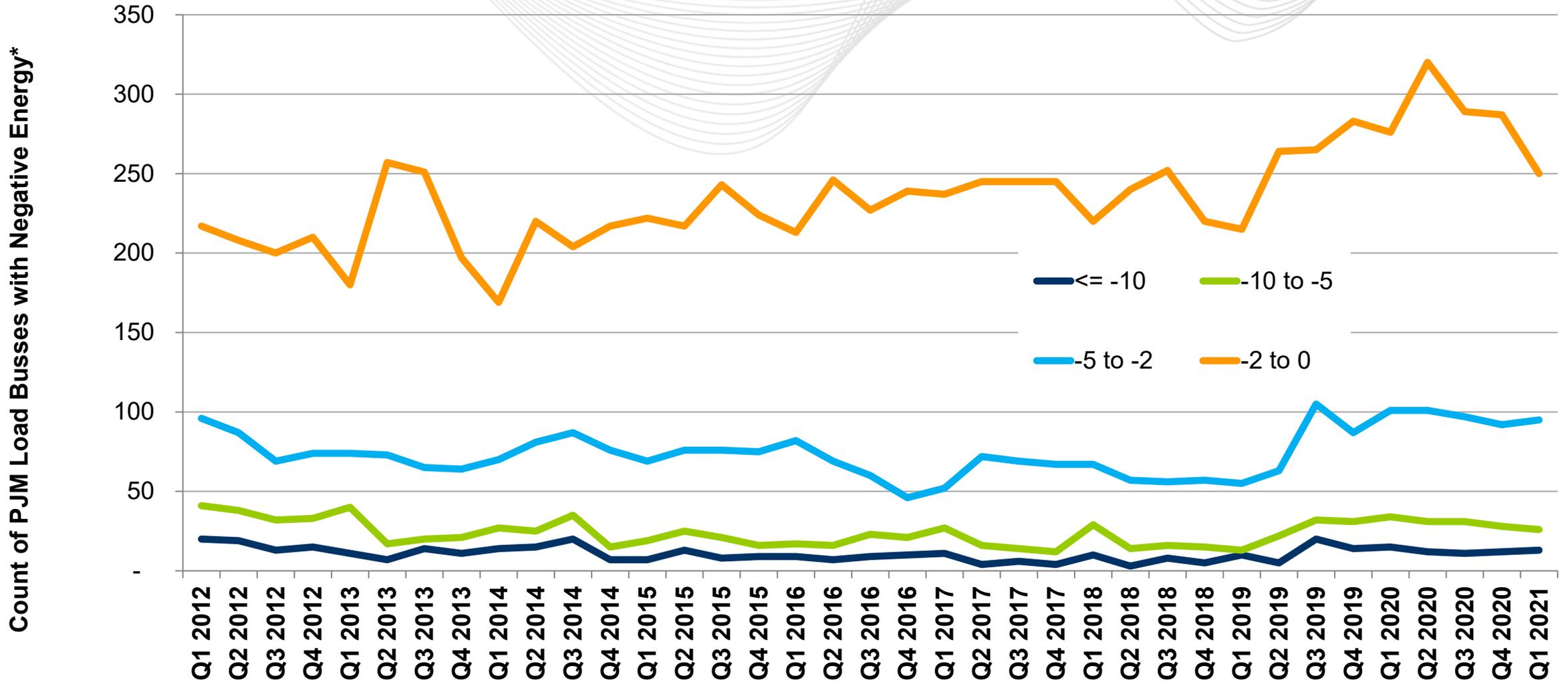
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Market Implementation Committee
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- Follow up effort to the Net Energy Metering Senior Task Force (NEMSTF) recommendation
 - PJM will implement a quarterly review to track and trend overall incidents of net energy injections at load busses
- PJM Manual 28 Requirement
 - PJM will assess and trend quarterly the degree of net energy injections at load busses modeled in the PJM network system model (i.e., reverse power flows) in order to detect and correct any modeling issues and to identify any generation in excess of load that appears at a load bus.

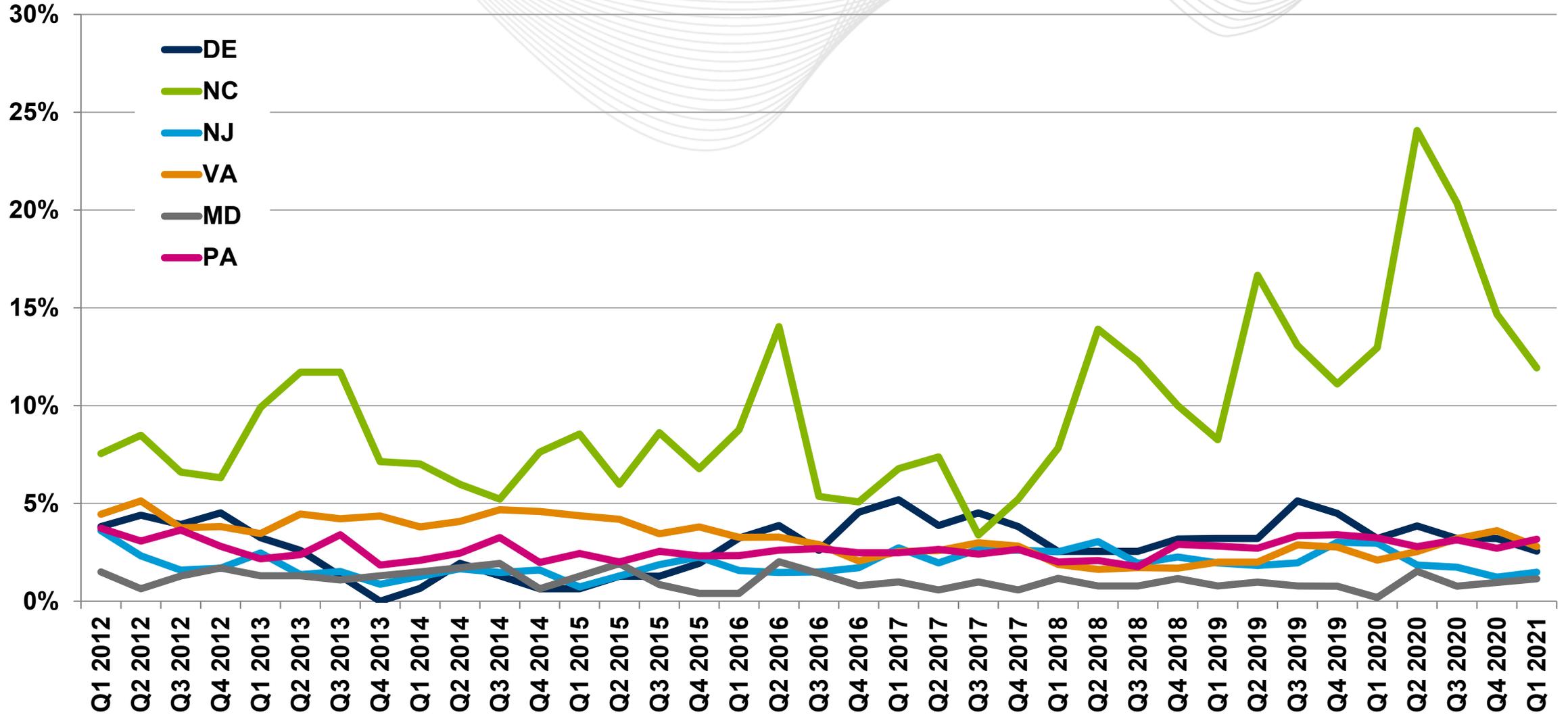


PJM Load Busses with Negative Energy on Average

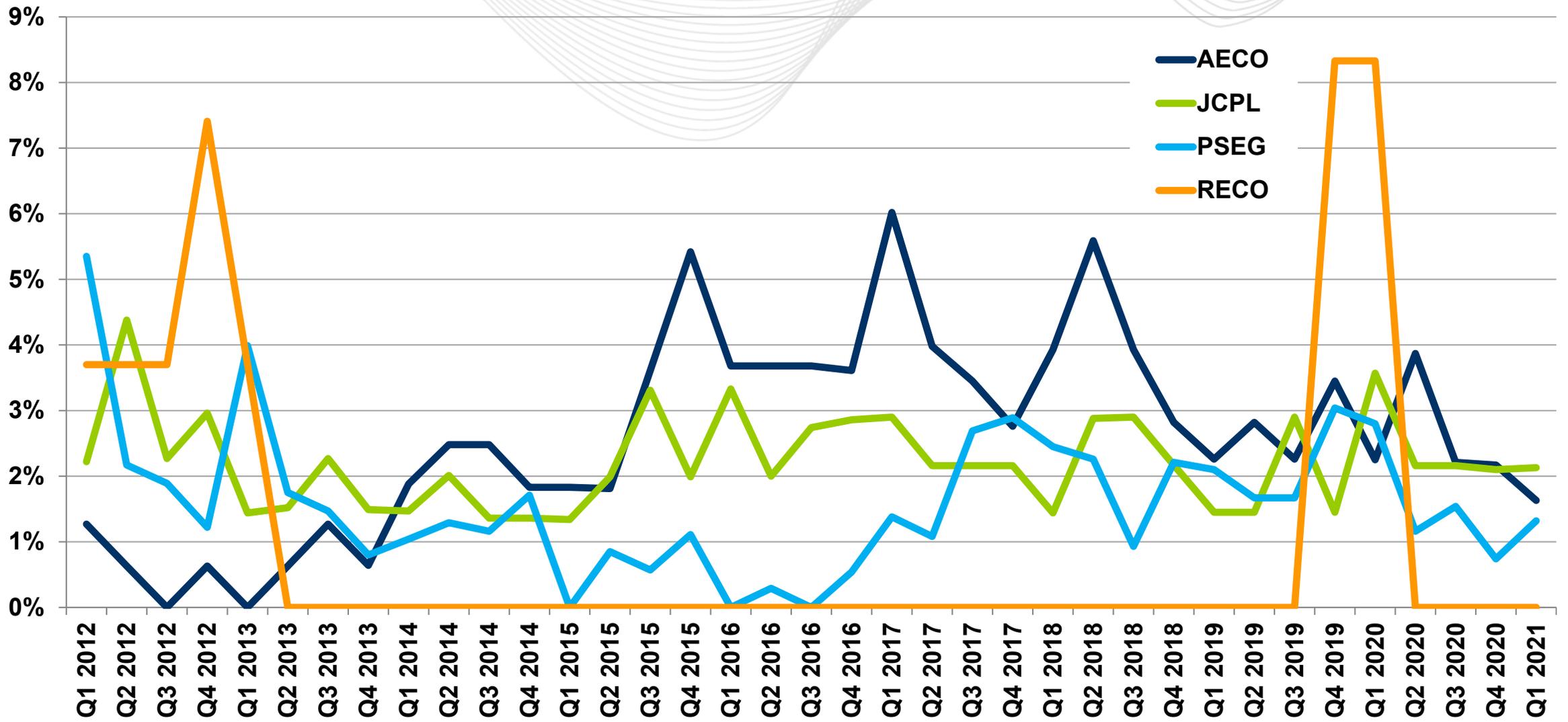


* The total number of PJM load busses is 10,232 as of the most recent model build.

Mid-Atlantic State Load Busses with Negative Energy on Average



New Jersey Load Buses with Negative Energy on Average



- The total number of load busses with negative energy declined for the third consecutive quarter, and is 9.9% lower than the same quarter last year (slide 3).
- NC had a decrease in the number of negative load busses in Q1. NC counts are expected to increase again in Q2, as they have in each of the past five years (slide 4). This pattern is attributable to utility-scale solar facilities that are not participating in the PJM Market.
- As mentioned previously, the seemingly large increase in the number of negative load busses in the RECO zone in Q4 2019 and Q1 2020 was actually just two pnodes at one station solving at a small negative value (slide 5). Metering coming into the EMS was inverted, which was corrected in mid-2020.
- PJM continues to track this data to improve its EMS Network Model. To date, trends have not been indicative of an underlying Net Energy Metering issue.

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Net Energy Injections at Load Busses



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