

Net Energy Injections at Load Busses Quarterly Report

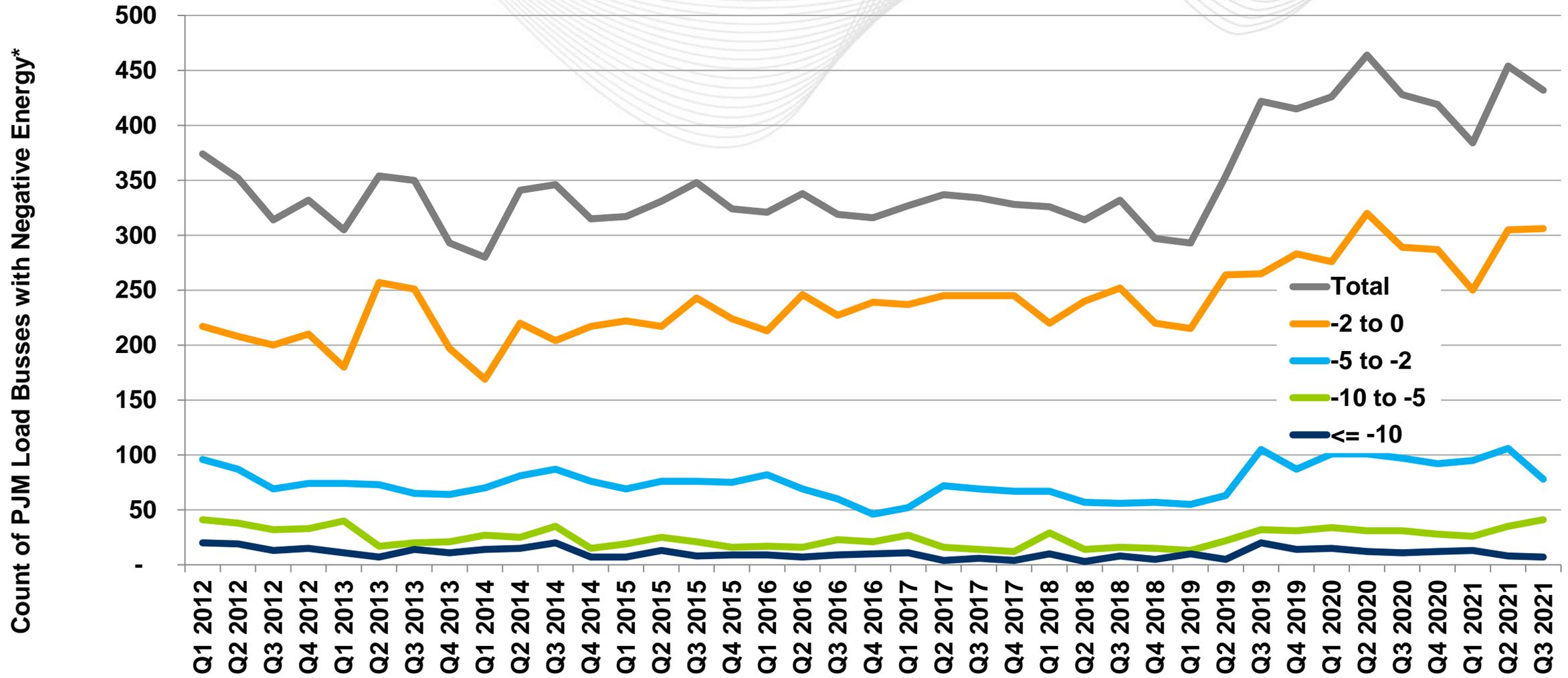
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Market Implementation Committee
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- Follow up effort to the Net Energy Metering Senior Task Force (NEMSTF) recommendation
 - PJM will implement a quarterly review to track and trend overall incidents 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.

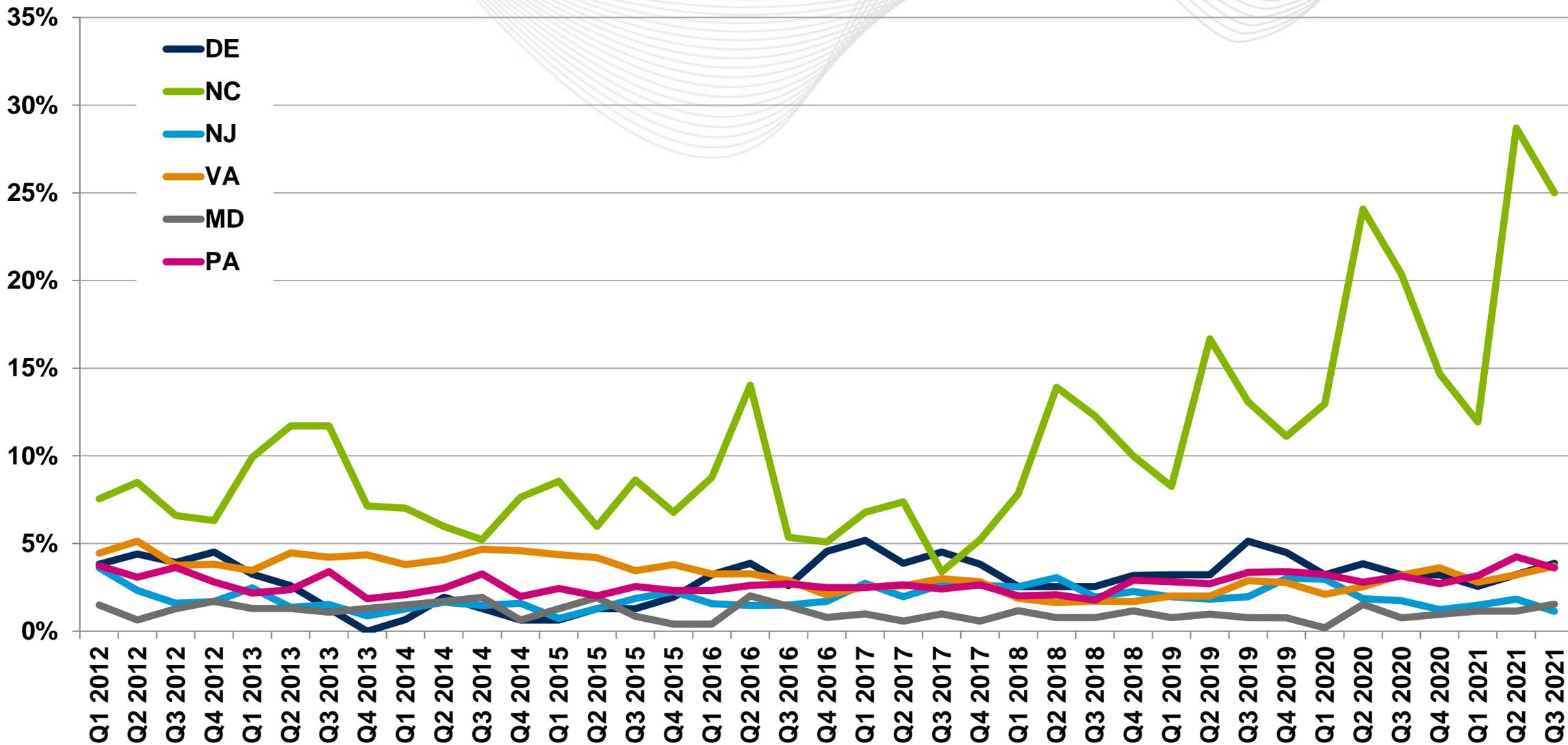


PJM Load Busses with Negative Energy on Average

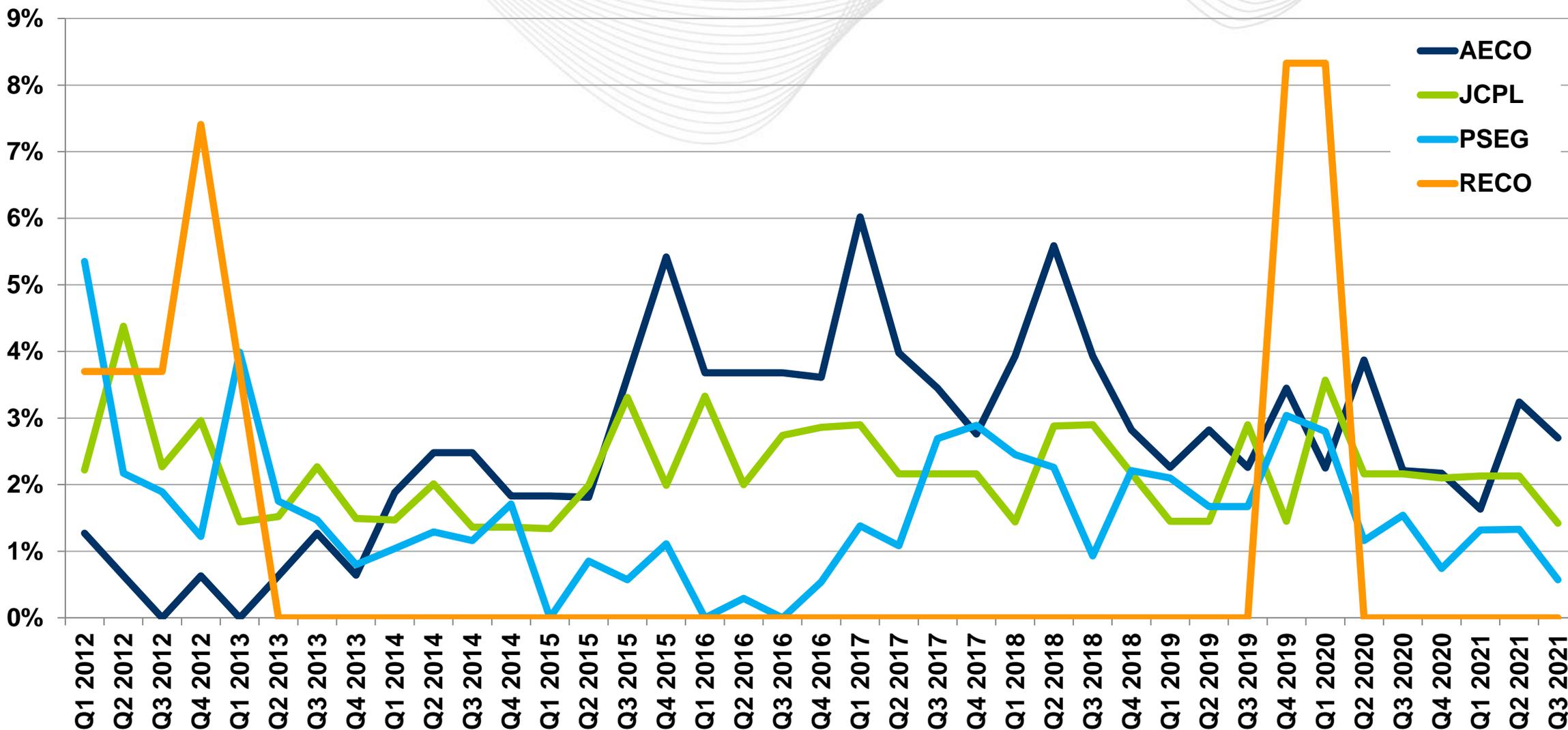


* The total number of PJM load busses is 10,377 as of the most recent model build.

Mid-Atlantic State Load Busses with Negative Energy on Average



New Jersey Load Busses with Negative Energy on Average



- The total number of load busses with negative energy decreased slightly in Q3 2021 (slide 3). Analysis has not started yet because the quarter just ended recently.
- As expected, NC had an decrease in the number of negative load busses in Q3. NC counts have increased in Q2 in each of the past five years, followed by decreases in subsequent quarters (slide 4). This pattern is attributable to utility-scale solar facilities that are not participating in the PJM Market.
- 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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