

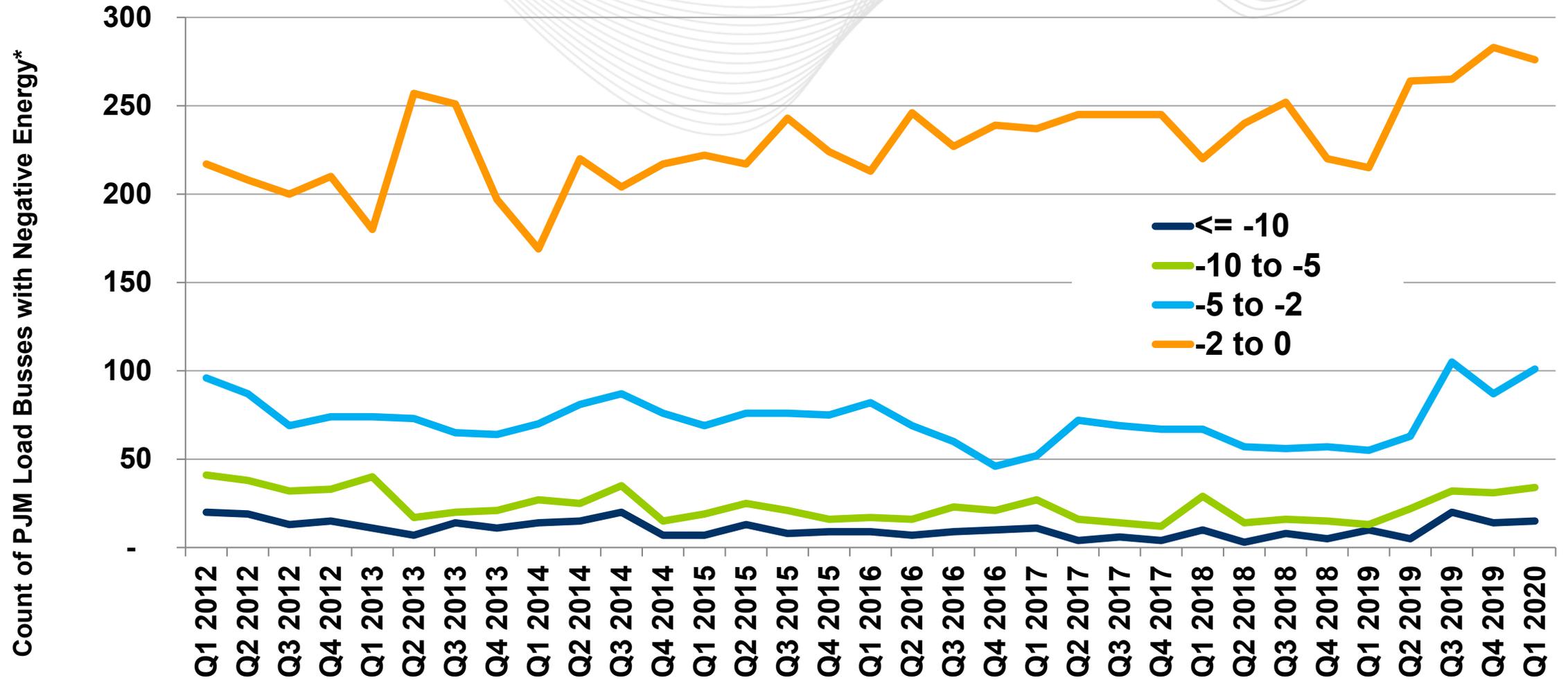


# Net Energy Injections at Load Busses Quarterly Report

Market Implementation Committee  
May 13, 2020

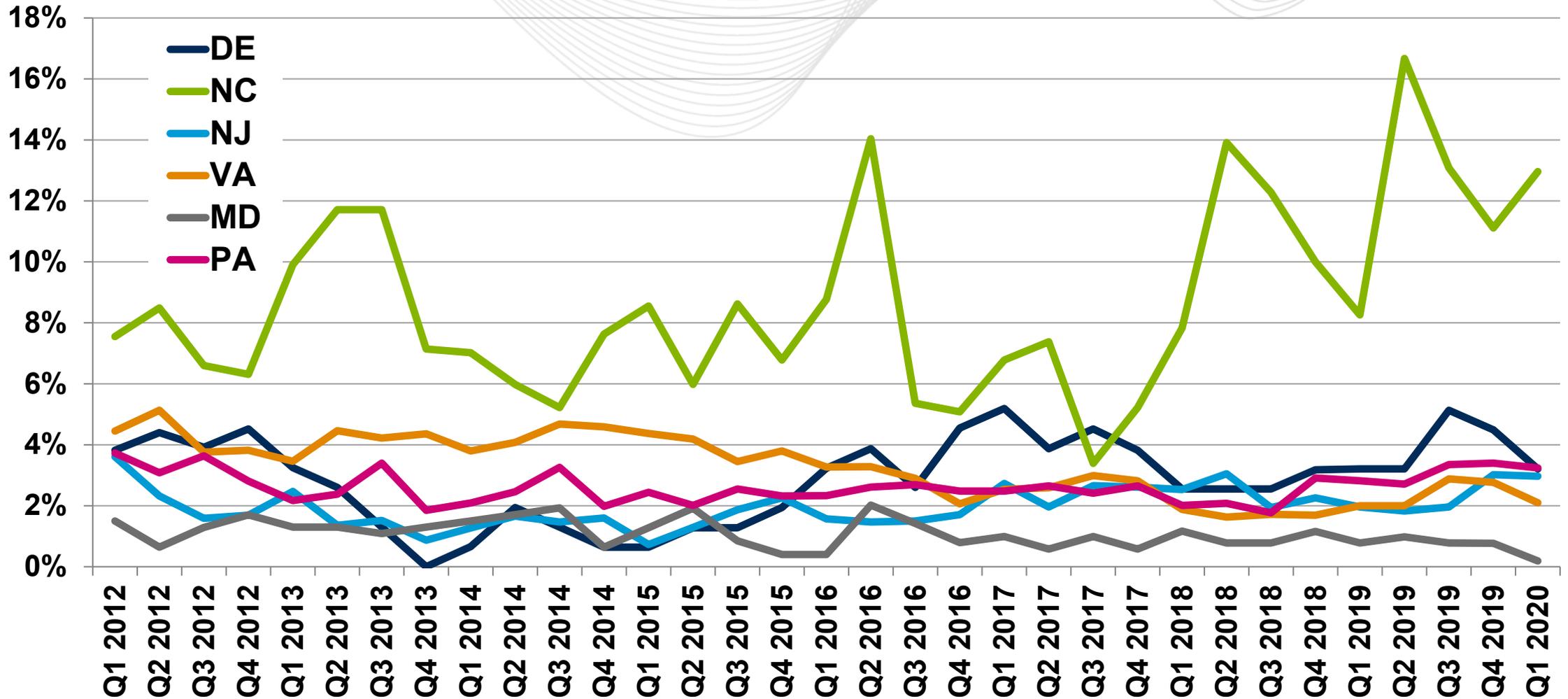
- Follow up effort to the Net Energy Metering Senior Task Force (NEMSTF) recommendation
  - PJM will implement a quarterly review to track and trend overall incidents of net energy injections at load busses
- PJM Manual 28 Requirement
  - PJM will assess and trend quarterly the degree of net energy injections 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 Buses with Negative Energy on Average

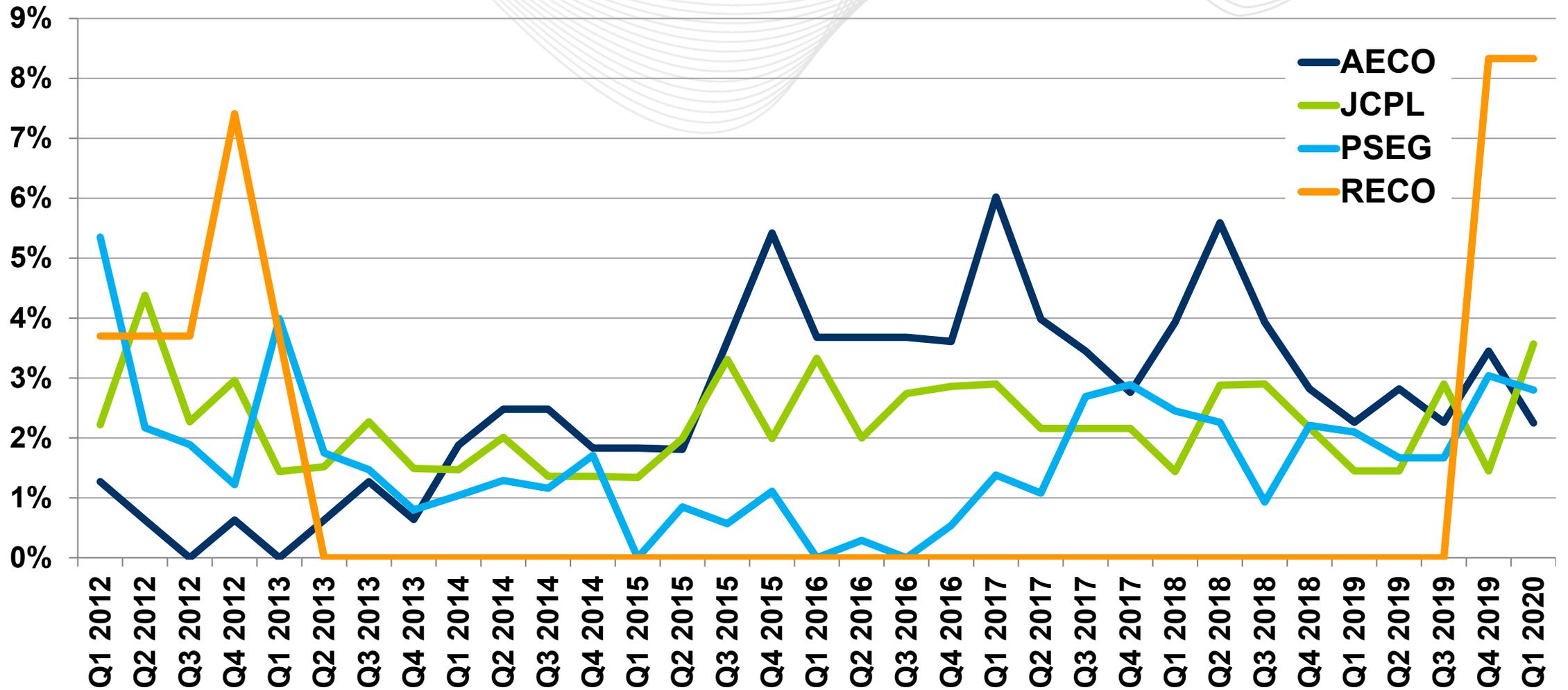


\* The total number of PJM load buses is 10,057 as of the most recent model build.

# Mid-Atlantic State Load Busses with Negative Energy on Average



# New Jersey Load Busses with Negative Energy on Average



- NC had an increase in the number of negative load busses in Q1. This is attributable to utility-scale solar facilities that are not participating in the PJM Market. NC counts typically increase and Q1 and Q2 then decrease in Q3 and Q4 (slide 4).
- The seemingly large increase in the number of negative load busses in the RECO zone in Q4 persisted in Q1 (slide 5). This is actually just two pnodes at one station solving at a small negative value. The model is being reviewed.
- 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.