

# PROJECTED ADDITIONS BY ENERGY TYPE IN REGIONAL ELECTRIC GENERATION SECTOR

## PROPOSED GENERATOR ADDITIONS BY ENERGY SOURCE

### *Northeast Electric Power Systems*

	Natural Gas	Wind	Solar & Other Renewables	Energy Storage
<b>NY ISO</b>	3,262 MW	10,158 MW	7,109 MW	4,302 MW
<b>ISO-NE</b>	955 MW	15,920 MW	3,821 MW	11,144 MW
<b>NJ (PJM)</b>	53 MW	1,897 MW	779 MW	1,535 MW
<b>PA (PJM)</b>	291 MW	84 MW	6,309 MW	1,011 MW

*Natural gas has been the leading fuel in the Northeast electric power system over the last two decades. The region's three electric grid operators, as shown in the data table above, report that natural gas remains an option for proposed new generating capacity, but in a limited way. Renewable energy (especially solar and offshore wind), imported hydro from Canada, new technologies like battery storage, and efficiency (not portrayed) are the other leading projected future power sources at this time.*



#### Data sources for table:

ISO-NE, ISO Interconnection Queue, January 2023

NY ISO, "2022 Load & Capacity Data." Released April 2022.

"PJM 2022 Regional Transmission Expansion Plan," released March 2023 by PJM (for NJ & PA data). Data as of 12-31-2022.

*Note: capacity numbers for wind & solar are rated at "capacity interconnection rights" levels by PJM. This is lower than nameplate capacity, to reflect intermittency. NY ISO data for "natural gas" represents "natural gas or dual-fuel projects."*