

PROJECTED ADDITIONS BY ENERGY TYPE IN REGIONAL ELECTRIC GENERATION SECTOR

PROPOSED GENERATOR ADDITIONS BY FUEL TYPE

Northeast Electric Power Systems

	Natural Gas	Wind	Solar & Other Renewables	Energy Storage
NY ISO	1,267 MW	2,808 MW	1,594 MW	771 MW
ISO-NE	884 MW	18,262 MW	4,551 MW	6,510 MW
NJ (PJM)	1,141 MW	2,901 MW	943 MW	1,905 MW
PA (PJM)	2,172 MW	132 MW	10,253 MW	3,107 MW



Natural gas has been a significant fuel in the Northeast electric power system over the last 20 years. 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. Renewable energy, imported hydro from Canada, new technologies like battery storage, and efficiency (not portrayed) are the other leading projected future power sources at this time. Offshore wind is a source of particular interest to the states in the region, and the numbers via state procurements keep increasing.

Data sources for table:

ISO-NE, ISO Interconnection Queue, January 2022

NY ISO, “2021 Power Trends.” Released May 2021.

“PJM 2021 Regional Transmission Expansion Plan,” released March 2022 by PJM (for NJ & PA data)

Note: capacity numbers for wind & solar are rated at “capacity interconnection rights” levels by PJM. This is lower than nameplate capacity, to reflect intermittency.