

STATEN ISLAND

Clean Energy Hub

Offshore Wind Capacity:

1,500MW OSW

Expandable to 3,000MW



The Staten Island Energy Hub is a strategically positioned solution that enables developers to co-locate converter stations on the same property as the expansion of an existing transmission substation. This hub not only enhances the integration of offshore wind energy into New York City's grid but also offers the possibility to unlock Staten Island's clean energy potential. The final electrical configurations will determine the precise increase in clean energy generation injected into the grid.

Location: Victory Blvd, Staten Island

Property: 98 acres; zoned Manufacturing

Transmission Connections:

- Various options

Injection: up to 3,000 MW injection

BENEFITS

- Avoids HVDC feeders in the Narrows
- Minimize developer AC interconnection feeders
- Allows for siting of clean energy critical infrastructure, such as HVDC convertor stations, high-density battery storage, and other transmission substations.

CHALLENGES

- Wetlands

