# 2800 ANNUAL REPORT 2024 OPERATING

## FACILITIES

## NEW YORK POWER AUTHORITY:

ST. LAWRENCE-FRANKLIN D. ROOSEVELT POWER PROJECT
Type: Hydroelectric
Location: Massena, St. Lawrence County
Net Dependable Capacity: 828.0MW*
First Commercial Power: July 1958
2024 Net Generation: 7,369.6 GWh

NIAGARA POWER PROJECT
Type: Hydroelectric
Location: Lewiston, Niagara County
Net Dependable Capacity: 2,675.0MW*
First Commercial Power: January 1961
2024 Net Generation: 15,281.2 GWh

BLENHEIM-GILBOA PUMPED STORAGE POWER PROJECT
Type: Pumped Storage/Hydroelectric
Location: North Blenheim and Gilboa, Schoharie County
Net Dependable Capacity: 1,169.6MW*
First Commercial Power: July 1973
2024 Gross Generation: 354.6 GWh

RICHARD M. FLYNN POWER PLANT
Type: Gas/Oil
Location: Holtsville, Suffolk County
Net Dependable Capacity: 149.8MW*
First Commercial Power: May 1994
2024 Net Generation: 472.1 GWh

FREDERICK R. CLARK ENERGY CENTER
Function: Coordinates NYPA system operations
Location: Marcy, Oneida County
Opened: June 1980

SMALL HYDRO FACILITIES

Located on reservoirs and waterways around the state, these facilities include the Ashokan Project, Gregory B. Jarvis Plant, Crescent Plant and Vischer Ferry Plant

| | |
|---|---|
| Combined Net Dependable Capacity: | 36.8 MW** |
| 2024 Net Generation: | 145.4 GWh |

SMALL CLEAN POWER PLANTS

Type: Gas

Location: Six New York City sites and Brentwood, Suffolk County

| | |
|---|---|
| Net Dependable Capacity: | 456.4 MW* |
| First Commercial Power: June 2001 | |
| 2024 Net Generation: | 630.3 GWh |

EUGENE W. ZELTMANN POWER PROJECT

Type: Gas/Oil

Location: Astoria, Queens County

| | |
|---|---|
| Net Dependable Capacity: | 507.2 MW* |
| First Commercial Power: December 2005 | |
| 2024 Net Generation: | 3,686.7 GWh |

NORTH COUNTRY ENERGY STORAGE SYSTEM

Type: Energy Limited Duration

Location: Chateaugay, Franklin County

| | |
|---|---|
| Net Dependable Capacity: | 20 MW* |
| First Commercial Power: September 2023 | |
| 2024 Net Generation: | 1.2 GWh |

***** Net Dependable Capacity is a calculated average of the Winter and Summer net capability reported in the 2024 New York Independent System Operator Load & Capacity Data Report (Gold Book).

******Net Dependable Capacity for Small Hydro facilities is based on 2023 data.

HUDSON TRANSMISSION PROJECT (HTP)***

Type: High-Voltage Transmission Line

**Location**: Seven-mile cable, 230-kV line from Public Service Electric & Gas Co.'s Bergen Substation in Ridgefield, NJ, to Consolidated Edison Co.'s West 49th St. Substation (345 kV line from the HTP converter station to NY) in Manhattan. (Includes approximately 3 ½-mile Hudson River underwater section)

Capacity: 660 MW

First Commercial Operation: June 2013

| | |
|---|---|
| Average 2024 Availability to Transmit Power: | 99.94% |
| Availability Hours: | 8779 Hours |

*** NYPA has a 20-year firm transmission capacity purchase agreement with Hudson Transmission Partners, LLC, the developer, owner and operator of the line, which connects with a neighboring regional transmission organization, PJM Interconnection. NYPA contracts for 87 percent of HTP's transmission capacity, or up to 575 MW.

NYPA TRANSMISSION FACILITIES

1,550.4 circuit-miles of alternating current transmission lines.

| Size | Underground | Overhead | Total |
|---|---|---|---|
| 765kV | 0.0 | 155.2 | 155.2 |
| 345kV | 42.8 | 977.2 | 1,020.0 |
| 230kV | 0.0 | 338.0 | 338.0 |
| 115kV | 1.8 | 35.4 | 37.2 |
| Total | 44.6 | 1,505.8 | 1,550.4 |

## NEW YORK STATE CANAL CORPORATION - CANAL SYSTEM:

The Canal Corporation runs the New York State Canal System, which includes the Erie, Champlain, Oswego, and Cayuga-Seneca canals. Spanning 524 miles, the waterway links the Hudson River with the Great Lakes, the Finger Lakes, and Lake Champlain. The Canal System includes the Erie Canalway Trail, a multi-use trail designed to accommodate pedestrians, bicyclists, and cross-country skiers. The Canal System is comprised of over 2,000 structures including 57 locks, movable bridges and water control structures (taintor gates, guard gates, and movable dams) and adjacent property.