

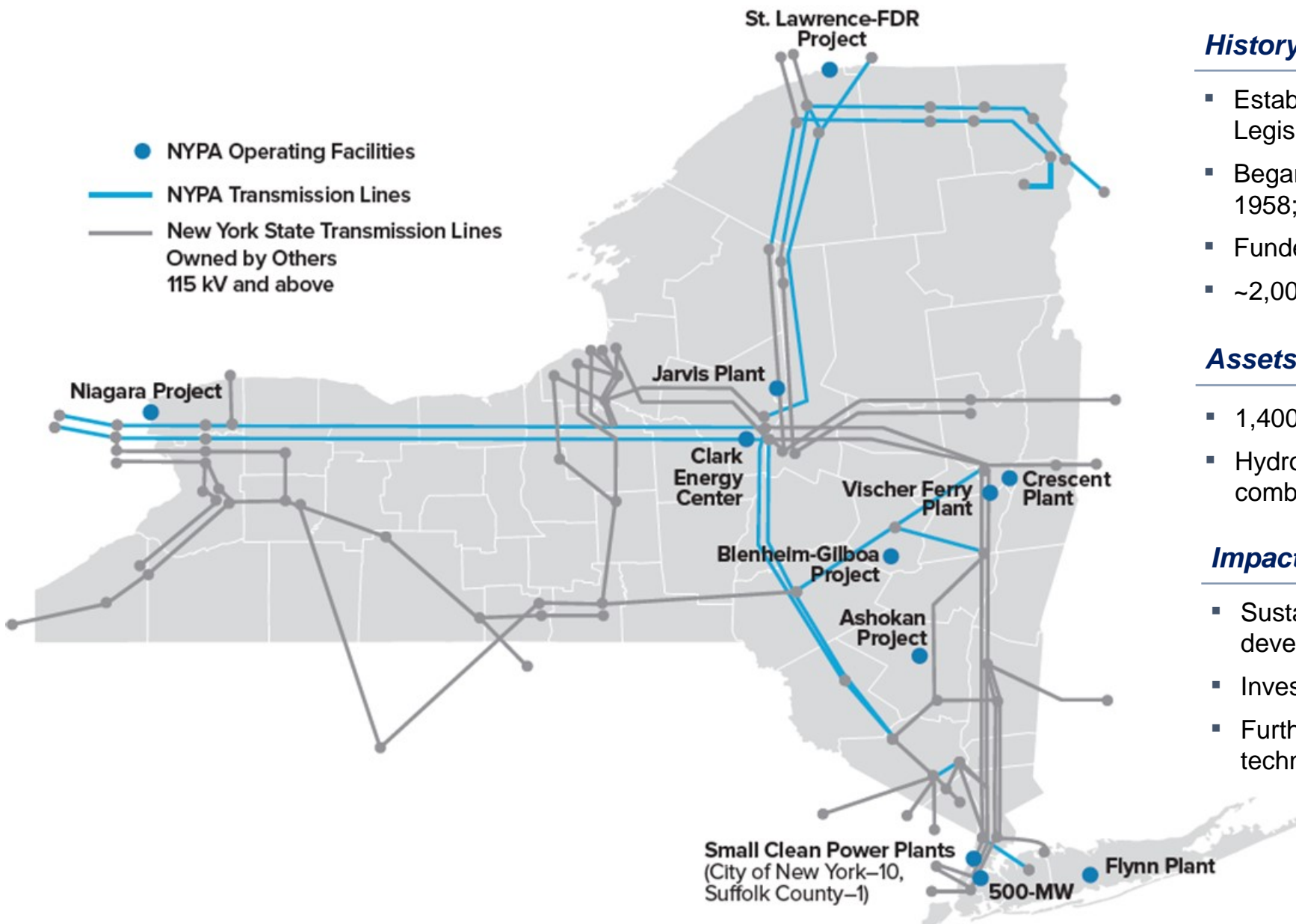


**NY Power
Authority**

NYPA's Economic Development & Expanded Authority Programs

November 8, 2019

The New York Power Authority in a nutshell



History and Scope

- Established in 1931 by act of the New York Legislature
- Began operating St. Lawrence-FDR Power Project in 1958; Robert Moses oversaw construction
- Funded through operating activities and private debt
- ~2,000 employees across New York State

Assets

- 1,400 circuit-miles of transmission lines
- Hydro and natural gas generation plants with combined boilerplate rating of almost 6 GW

Impact

- Sustain more than 400,000 jobs through economic development
- Invest over \$250MM each year in efficiency projects
- Further clean energy and new electric system technology and development

NIAGARA PROJECT

Economic Development – Municipalities – ED Funding



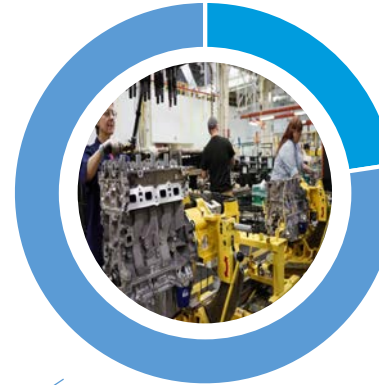
POWER PROGRAMS

- Expansion / Replacement Power: ■ 695 MW
- ReCharge NY Power: ■ 202 MW
- Muni /Coop Power: ■ 382.4 MW
- IOU's / Neighboring States Power / Misc.: ■ 268 MW



FUND PROGRAMS

- WNYEDF: ■ \$41.8M
- NEDF: ■ \$13.3M



Customers – 737 / 115
Jobs - 379,963 / 31,284
Capex - \$25.25B / \$2.62B



Customers – 51 / 7
Jobs – 6,005



Jobs – 2,181 / 1,400
Project Inv. - \$367.7M / \$24.3M

ST. LAWRENCE PROJECT

Economic Development – Municipalities – ED Funding



POWER PROGRAMS

- Preservation Power: 490 MW
- ReCharge NY Power: 253 MW
- Muni /Coop Power: 382.4 MW
- IOU's / Neighboring States Power / Misc.: 52.8 MW



FUND PROGRAMS

- NNYEDF: \$2M
- NCEDF: \$10M
- RVRDA: \$20M
- GMEDF: \$5M



Customers – 737 / 9
Jobs - 379,963 / 31,284
Capex - \$25.25B / \$2.62B

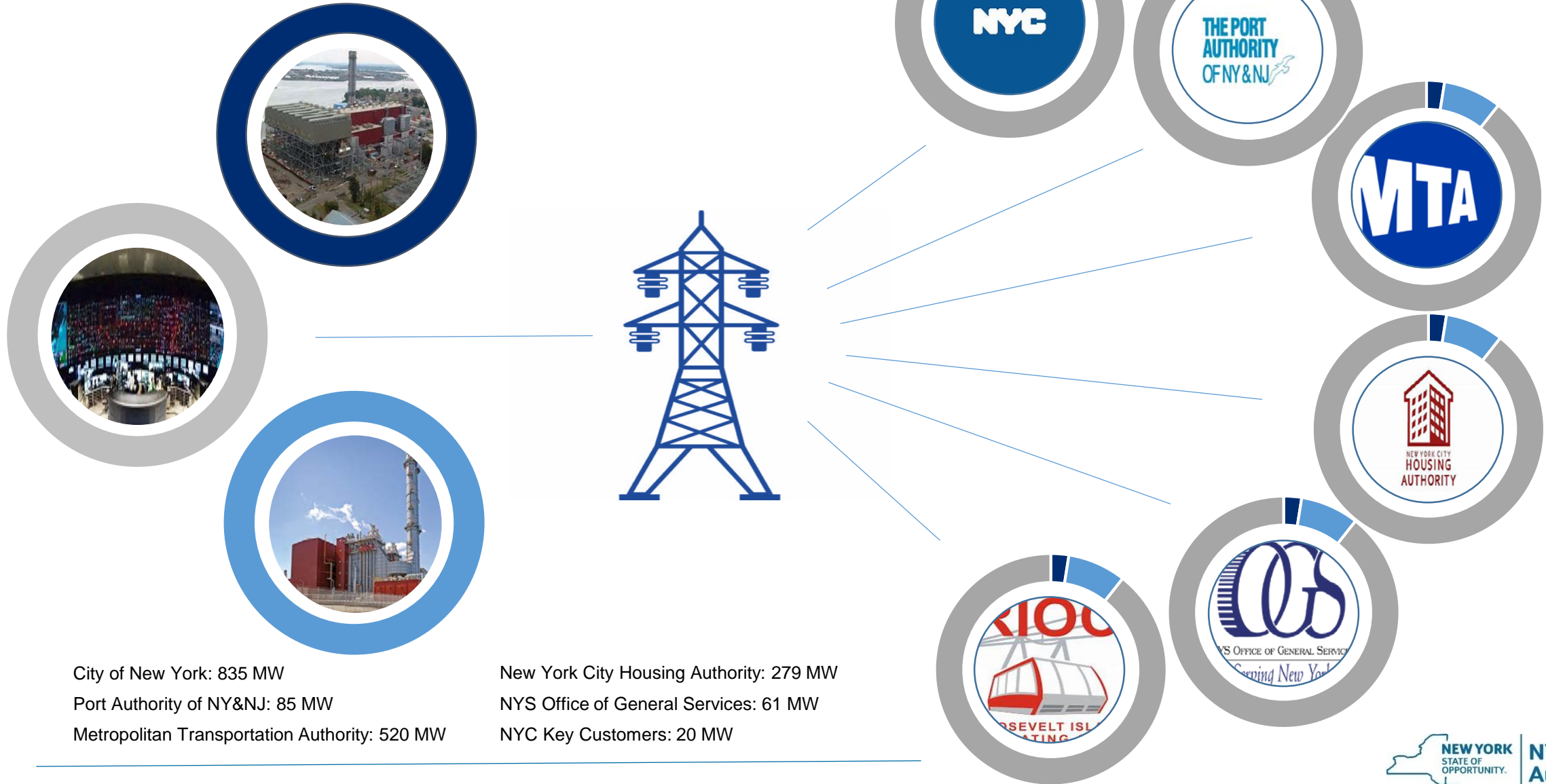


Customers – 51 / 7
Jobs – 6,005



Jobs – 900
Project Inv. - \$80.8M

NYC GOVERNMENTAL CUSTOMERS



City of New York: 835 MW

Port Authority of NY&NJ: 85 MW

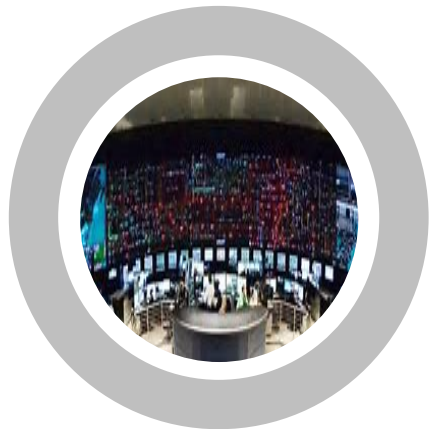
Metropolitan Transportation Authority: 520 MW

New York City Housing Authority: 279 MW

NYS Office of General Services: 61 MW

NYC Key Customers: 20 MW

WESTCHESTER GOVERNMENTAL CUSTOMERS



Cities, Towns, Villages, Fire Districts, Housing Authorities, School Districts

Expanded Authority

Energy Sales – Market Power & Renewables

	Existing Customers	Public Entities	State Entities	Public School Districts	CCAs
Market Power (*All Entities Combined)	*400 MW	*400 MW	*400 MW	*400 MW	Unlimited (must go through ESCOs)
Renewable Power / Energy	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited (must go through ESCOs)
Renewable Energy Attributes	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited (must go through ESCOs)

The renewable products may be procured through (1) a competitive process, (2) from competitive market sources, or (3) through negotiation when a competitive procurement is not reasonably feasible and such products can be procured on reasonably competitive terms.

**Unrelated to project financing.*

**NYPA may not serve as an ESCO or administrator for CCAs.*

Project Financing & Energy Sales - Renewables

	Existing Customers	Public Entities	State Entities	Public School Districts	CCAs
Financing Renewables Projects >25 MW (*All Entities Combined)	*6 Projects	*6 Projects	*6 Projects	*6 Projects	Unlimited (must go through ESCOs)
Financing Renewables Projects <25 MW	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited (must go through ESCOs)

NYPA is authorized to finance renewable energy projects, and purchase and sell power, energy and RECs from such projects to (1) NYPA power customers, (2) public entities, and (3) CCAs going thru the ESCO retained for such entities.

**The source of any financing and/or loans provided by NYPA for any of the actions authorized by the act may be the proceeds of notes issued pursuant to PAL § 1009-a, the proceeds of bonds issued pursuant to PAL § 1010 , or any other available NYPA funds.*

**NYPA may not serve as an ESCO or administrator for CCAs.*

To advance the clean energy economy with our customers – we are currently focusing on some key areas:

1. Advancing Technologies



Supporting cleaner transportation



Energy Storage

2. Flexible Contracts & Tariffs



Empowering Customers to make more informed energy choices



Making energy more affordable

3. Digital Technology Implementation



Helping clean energy innovation grow



Improving our existing initiatives and infrastructure



Building a more resilient energy system

Energy Efficiency Program



\$3 BILLION
Invested



**\$1.1 Billion in the
past 5 years*

Over 2,300
projects implemented



More than \$250
MILLION in annual savings



Providing nearly 1.2 MILLION
tons in GHG Reduction



*The equivalent of removing over
200,000 cars off the road annually*

Energy Efficiency & Clean Energy Solutions Program:

- Energy Efficiency Capital Construction
- DER / Clean Energy Advisory Services
- NYEM
- Evolve NY
- Workplace Charging
- Street-lighting & Street-lighting O&M