



REDUCE
operating costs

IMPROVE
energy efficiency

LOWER
carbon emissions

call:
212-785-0292

email:
IPEoutreach@nyserda.ny.gov

visit:
nyserda.ny.gov/datacenters

Reduce data center energy consumption and utility costs.

The New York State Energy Research and Development Authority (NYSERDA) helps data center owners and operators reduce energy costs through practical technical assistance studies and incentives.

Reduce your energy bills while maintaining reliability and maximizing uptime

NYSERDA's offerings are available to any space used to house IT systems infrastructure, including new and existing facilities, server rooms, telecommunications and cloud/colocation facilities. NYSERDA can show you how energy efficiency contributes to goals like:

- Establishing process efficiency metrics
- Increasing power and cooling capacity
- Creating a competitive differentiator for your business

Financial support for data center upgrades

NYSERDA provides performance-based financial incentives for energy-saving capital improvements and operations and maintenance (O&M) upgrades through our Industrial Process and Efficiency (IPE) Program. Incentives are based on the first year's energy savings.

Eligible projects include, but are not limited to:

Data Center Energy Efficiency Projects

IT Infrastructure Upgrades

- Desktop Virtualization
- Servers
- Storage
- Network Gear
- Telecommunications Equipment
- High-Performance Computing Systems

Facilities Improvements

- UPS Systems
- Variable-Frequency Drives (VFDs)
- CRAC/CRAH
- Chillers
- Free Cooling
- Airflow Management Strategies

All services performed by the data center team are free of charge, including application assistance, technical review, and measurement & verification (M&V). Incentives are available on a first-come, first-serve basis.

NYSERDA's performance-based incentives are calculated from the total annual kWh savings that result from implementation of energy efficiency measures:

Incentive Type	Utility	Upstate	Downstate
Process and Energy Efficiency	Electric	\$0.10/kWh	\$0.16/kWh
	Fossil Fuel	\$6/MMBtu	
Operations and Maintenance (O&M)	Electric	\$0.04/kWh	
	Fossil Fuel	\$3/MMBtu	
Minimum Project Size	\$25,000 minimum incentive		
Maximum Incentive	All projects	50% project cost; \$2 million/Company	
	Electric	\$1 million/project	
	Fossil Fuel	\$500,000/project	

Note: Incentive rates shown are based on annual energy savings. Incentives are determined by multiplying the annual energy savings by the rates shown.

* Eligible facilities must pay into the Systems Benefits Charge (SBC) as electricity customers of the following utilities: Central Hudson Gas & Electric, Con Edison, NYSEG, National Grid, Orange & Rockland Utilities, or Rochester Gas & Electric.

Not sure what energy-efficient upgrades are right for your data center?

The Flexible Technical Assistance (FlexTech) Program provides a cost-share for energy studies to help customers identify energy-saving process improvements, estimate return on investment (ROI), and make informed energy-related decisions. Studies are site and process specific and can be tailored to customer needs.

Customers can choose from a list of NYSERDA's FlexTech Consultants or select their own service provider. NYSERDA will typically cost share up to 50 percent of the energy study cost.

Get started

NYSERDA's data center project team will guide you through every step of the incentive process:

- 1. Application.** Contact us to discuss your project scope and begin your application. We will work with you to gather basic information about your facility, calculate a preliminary energy-savings estimate, and submit your application.
- 2. Technical Review.** Once your application is submitted, NYSERDA will assign a technical reviewer who will work with you to verify project installation and perform M&V to quantify final energy savings.
- 3. Incentive Payment.** After installation and energy savings are verified, NYSERDA will send an incentive payment directly to you.

Call the IPE Data Center program hotline at **212-785-0292** or email IPEoutreach@nyserda.ny.gov to learn how you can participate in this program.

Visit nyserda.ny.gov/datacenters for more information and answers to frequently asked questions.

