



NYSERDA

Industrial and Process Efficiency

Industrial and Data Center Goals

Mission: To provide incentives that help New York manufacturers and data centers make energy–efficiency improvements that measurably reduce energy costs

Eligibility: Facilities that pay into the System Benefits Charge on their electric utility bills

Industrial and Process Efficiency Incentives

Incentive Type	Energy Source	Upstate Incentive	Downstate Incentive
Process and Energy Efficiency	Electric	\$0.10 / kWh	\$0.16 / kWh
	Fossil Fuel	\$6 / MMBTU	
Operations & Maintenance (O&M)	Electric	\$0.04 / kWh	
	Fossil Fuel	\$3 / MMBTU	
Minimum Incentive	\$25,000		
Maximum Incentive	50% Project Cost		
	\$1 million / Electric Project and \$500,00 / Fossil Fuel Project \$2 million total / company		

Process Efficiency

Installation of a new process or improvements to an existing process that result in a reduction of energy usage per unit of production

- Process improvements or new installations
- Capacity additions that improve energy intensity
- Quality improvement
- Waste and scrap reduction
- Throughput increase
- IT improvements including desktop virtualization, server, storage, network, and telecommunications projects



Energy Efficiency (related to process)

Projects that result in the reduction of on-site consumption of energy in new or existing facilities

- Energy/heat recovery
- Space conditioning improvements (related to IT or industrial processes only)
- Pumping system improvements
- Compressed air efficiency
- Fluid and support system improvements
- Air flow management improvements



Operations & Maintenance

Projects that deliver verifiable annual energy savings resulting from upgrades or initiatives to improve operations

- Compressed air system leak management
- Replacement of leaking steam traps
- Installation of cogged styles fan belts
- Burner tune-up

Industrial and Process Efficiency Incentives

Incentive determined by verified energy savings:

$$\left(\begin{array}{cc} \text{Pre-installation} & \text{Post-installation} \\ \text{usage} & \text{usage} \end{array} \right) \times \text{Incentive rate} = \text{Cash Incentive}$$

- Funds distributed post-installation
- Measurement and Verification (M&V) required for projects saving over
 - 500,000 kWh annually
 - 20,000 MMBTU annually

IPE Process

- Submit a Consolidated Funding Application
- Technical Reviewer is assigned to project
- Technical Reviewer reviews energy savings of project
- NYSERDA issues Purchase Order for estimated incentive
- Facility installs project
- Technical Reviewer verifies installation and energy savings
- NYSERDA awards incentives

NYSERDA can help!

- Improve energy performance at your facility
- Improvements generate economic, process, operational and environmental benefits
- NYSERDA can help shorten payback time and increase credibility

Outreach: IPEOutreach@nyserda.ny.gov

Visit www.nyserda.ny.gov/ipe