

Meeting Load Growth Through Energy Efficiency, Demand Response & DG/CHP



In Remembrance

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NYISO Price Responsive Load WG

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Peak Load Reduction Program: Energy Efficiency

- Incentives available for efficiency measures that reduce demand from Noon – 6 PM during the summer
- Measures include lighting, chillers, motors, or other custom measures
- Electric to gas or steam conversions are eligible
- Energy storage is eligible
- Incentive of \$500/kW

For discussion purposes only

Peak Load Reduction Program: DG/CHP

- Incentives available for clean on site generation
- Heat recovery is encouraged – Heat recovery that reduces electric load is eligible for additional incentives
- Emissions must be less than 1.5 lb/MWh of NO_x
- Incentive of \$400/kW

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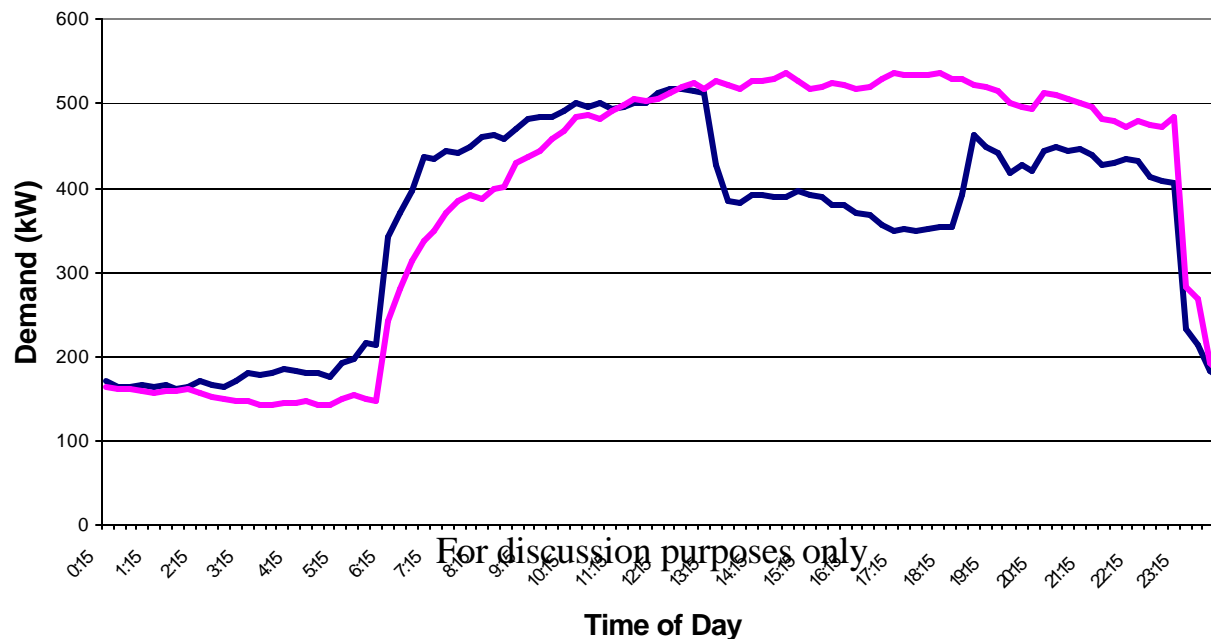
Support for NYISO's SCR Program

- NYSERDA provides incentives for technologies that enable facilities to curtail load
- Technical Assistance
- Load Curtailment/Shifting
- Demand Response Generators
- Interval Meters

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Peak Load Reduction Program: Load Curtailment/Shifting

- Provides incentives for controls, communications, automation, etc. that allow facilities to load shed
- Incentive of \$200/kW



Peak Load Reduction Program: Demand Response Generators

- Provides Incentives for on site generators that will be used for the ICAP/SCR program
- Incentives are available for the installation of new generators and modifications to existing generators
 - New Clean Generators - \$160/kW
 - Existing Clean Generators - \$120/kW

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Peak Load Reduction Program: Interval Meters

- Participation in Demand Response Programs requires interval metering
- Two types of Interval Meters are available
- Revenue Grade – Used for billing purposes
 - Incentive of \$2,000/Meter
- Shadow Meter – Used in addition to the billing meter
 - Incentive of \$1,500/Meter

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Technical Assistance

- NYSERDA will cost share energy studies 50/50 up to \$100,000
- Demand Response Audit offering under development
 - Incentives Provided for DR Audits and Curtailment Plans
 - Resources must register for SCR
 - Likely modest incentives with no cost share

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Peak Load Reduction Program: Real Time Pricing (RTP)

- NYSERDA will support customers facing RTP by providing incentives for:
 - Technical Assistance, Operational Plans, etc.
 - Interval Metering
 - BMS upgrades that help facilities respond to prices
 - Controls, Communications, Automation, etc.

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Summary

Funding Available for:

- Energy Efficiency
- Load Curtailment/Shifting
- DG/CHP
- Demand Response Generators
- Interval Meters
- Technical Assistance

www.nysERDA.org/programs/peak-load.asp

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