



**TOGETHER WE CAN**

# **KEEP THE POWER FLOWING**

 *New York*  
**Energy Smart**<sup>SM</sup>  
PUBLIC SERVICE COMMISSION **NYSERDA**  
*George E. Pataki, Governor*

Visit our website:  
[www.AskPSC.com](http://www.AskPSC.com)

Call toll-free:  
**1-877-661-9223**

## How New York is bridging the gap between electrical supply and demand.

During the next few summers in New York, electricity supply will be especially tight in New York City and Long Island. There is a shrinking cushion between electricity generation supply and a growing demand for electricity, particularly in Long Island. Increased demand for electricity over the last several years is the result of New York State's expanding economy and a sharp rise in the use of electronic equipment.

Until more generation can be built, New York has taken steps to ensure safe and reliable sources of electricity in the state. First, the New York Power Authority (NYPA) installed 10 turbines in New York City and one on Long Island to increase electricity supply by 400 MW in 2001. More turbines were placed in Long Island in 2002. In the long-term, the siting of new, state-of-the-art, environmentally sound generation facilities will avert power shortages.

Further, the New York State Public Service Commission (PSC) is working with the New York State Energy Research and Development Authority (NYSERDA), the New York Independent System Operator (NYISO), the New York Power Authority (NYPA), Energy Service Companies (ESCOs), representatives of electricity customers, and utilities on programs to help large business, commercial, and industrial customers reduce peak demand for electricity, improve energy efficiency, and reduce bills.

Since 2001, approximately 2,300 customers have been paid \$14.8 million for reducing the average hourly statewide peak demand by about 800 MW.

## New York State's electricity demand reduction and energy efficiency programs for businesses and institutions.

Utility or energy service providers can assist you with New York State Programs that will pay you to curtail your electric load during peak demand periods. These voluntary programs offer differing terms and payments, and are available to many types of customers, from heavy industry to light commercial.

- **Installed Capacity Special Case Resources (ICAP/SCR)**—A reserve capacity program that contracts resources to meet state supply requirements over a specific contract period.
- **Emergency Demand Response Program (EDRP)**—A short-notice program relying on your ability to voluntarily reduce your demand for a short period of time, in exchange for payment.
- **Day-Ahead Demand Response Program (DADRP)**—A customer-initiated economic bidding program where you offer your load reduction into the wholesale market a day in advance.
- **Energy-Efficiency Programs**—Funds are available to your business to buy and install energy-efficient equipment; and, there are a variety of energy-efficiency programs providing assistance to government facilities, public schools, and state university campuses.
- **New York Energy Smart<sup>SM</sup> Peak Load Reduction Program (PLRP)** — A program that offers financial and technical support to help you reduce demand on the grid and save on energy bills.

New York's electric load management programs offer a wide range of benefits, from direct economic assistance and revenue, to better statewide electric system dependability and lower prices.

- Help support system reliability during times of high electricity demand.
- Help control price spikes during high electric demand periods.
- Effective response during high electricity demand periods disciplines prices.

PDR		LC/S		DG	IM	
Con Edison Service Territory	Non-Con Edison Service Territory	Con Edison Service Territory	Non-Con Edison Service Territory	Con Edison Service Territory Only	Statewide PSC Approved	Statewide NYISO Compliant
\$425/kW \$375/kW steam retention	\$225/kW	\$180/kW	\$40/kW	\$120/kW DR \$275/kW DG	\$2,000 per meter	\$1,200 per meter

## Get paid \$\$ to reduce your energy use.

If you are a large commercial or industrial customer, the NYISO is encouraging you to curtail your load by participating in its Day-Ahead Demand Response Program (DADRP) and Installed Capacity Special Case Resources (ICAP/SCR), or both.

The ICAP/SCR program is intended to achieve load reductions during NYISO-called emergencies to avoid a shortage in the supply of electricity.

If you are capable of reducing at least 100 kW of aggregated or non-aggregated load within two hours of NYISO notice, you will be paid \$500 per MWH or the market price, whichever is higher, for your measured curtailment performance. There is no penalty in the Emergency Response Program if you are called and cannot curtail.

More information about demand response programs is available from the NYISO at [www.nyiso.com](http://www.nyiso.com) or (518) 356-6060, your utility, or your ESCO. A listing of utilities and ESCOs is available on the PSC's website ([www.AskPSC.com](http://www.AskPSC.com)).

NYSERDA can facilitate participation in the ICAP/SCR with its Peak Load Reduction Program, which offers programs related to short duration load-curtailement measures, permanent demand reduction, and distributed generation.

Interval meters are necessary for you to participate in these programs. Funding is available for 65% (up to \$2,000) of the cost of an interval meter (installed in accordance with PSC regulations) for participation in demand reduction programs. You will need an interval meter to validate performance. For more information, e-mail [info@nyserdera.org](mailto:info@nyserdera.org) or call toll-free 1-866-NYSERDA.

## "Bid Load" for \$\$.

Large commercial and industrial customers can also participate in the NYISO's Day-Ahead Demand Bidding Program (DADRP). Under this program, eligible customers bid to curtail a portion of their electricity load when wholesale prices exceed a predetermined level. If your bid is accepted, you are paid for the load you curtail. There is a penalty if you do not curtail.

Program participants, through curtailment actions, influence the availability and price of electricity by reducing the demand for electricity and helping to maintain the state's reserve capacity requirements. For more information, visit the NYISO website, [www.nyiso.com](http://www.nyiso.com), or call (518) 356-6060.

NYISO's Day-Ahead Demand Bidding Program is available through utilities and ESCOs. Contact your utility or your ESCO, which are listed on the PSC's website at [www.AskPSC.com](http://www.AskPSC.com). NYSEDA will provide funding for equipment to enable you to participate in the Day-Ahead Demand Bidding Program and other utility demand-reduction programs.

## How NYSERDA can help you reduce demand.

The New York State Energy Research and Development Authority (NYSERDA) had \$7.5M in financial incentives available through October 31, 2005, or until the funds are fully committed to eligible participants capable of developing electric demand-reduction projects and implementing all necessary measures. NYSERDA's incentives are available for permanent demand-reduction, load-curtailment shifting measures, distributed generation, and interval meters. Applicants are encouraged to aggregate facilities before applying for these incentives.

For more information about the Peak-Load Reduction Program (PLRP), e-mail [info@nyserda.org](mailto:info@nyserda.org) or call NYSERDA toll-free at 1-866-NYSERDA.



**Because of generous financial incentives, almost half of all load management program participants signed up for two or more programs.**

**Since 2001, NYSERDA's Peak Load Reduction Program has enabled nearly 400 MW in demand reduction.**

## Long-term \$olutions and \$trategies.

NYSERDA funds generated through the Systems Benefits Charge (SBC) on utility bills are available for your business for the purchase and installation of energy-efficient equipment such as:

- High-efficiency equipment for lighting
- Premium-efficiency motors
- Heating, ventilating and air-conditioning (HVAC) equipment
- Retro-commissioning
- Green buildings

For more information on NYSERDA's energy-efficiency programs, e-mail [info@nyserda.org](mailto:info@nyserda.org) or call toll-free 1-866-NYSERDA.

NYPA also administers energy-efficiency programs that provide assistance to local, county and state government facilities, public schools and state university campuses. For more information on high-efficiency lighting and other energy saving initiatives for institutional customers, contact NYPA's web-site at [www.nypa.gov](http://www.nypa.gov) or call (914) 681-6200.

## Get more information or assistance.

The PSC's Business Advocates can provide you with additional assistance and information regarding load assistance and load curtailment and energy efficiency programs, and assistance related to economic development, dispute resolution, and competitive energy and telecommunications markets. E-mail the PSC's Business Advocates at [business\\_advocacy@dps.state.ny.us](mailto:business_advocacy@dps.state.ny.us) or call toll-free 1-877-661-9223.

## For more information, contact your utility at:

**Central Hudson Gas and Electric**  
1-800-527-2714 • [www.chenergygroup.com](http://www.chenergygroup.com)

**Consolidated Edison**  
1-800-643-1289 • [www.coned.com](http://www.coned.com)

**New York State Electric and Gas**  
1-800-572-1111 • [www.nyseg.com](http://www.nyseg.com)

**Niagara Mohawk Power Corporation**  
1-800-642-4272 • [www.niagaramohawk.com](http://www.niagaramohawk.com)

**Orange and Rockland**  
1-877-434-4100 • [www.oru.com](http://www.oru.com)

**Rochester Gas and Electric**  
1-800-743-2110 • [www.rge.com](http://www.rge.com)

**Customers of Long Island Power Authority**  
1-800-692-2626 • [www.lipower.org](http://www.lipower.org)

## Or contact the following New York State agencies:

**New York State Energy Research and Development Authority (NYSERDA)**  
1-866-NYSERDA • 1-866-697-3732  
[www.nyserda.org](http://www.nyserda.org) • e-mail [info@nyserda.org](mailto:info@nyserda.org)

**New York State Public Service Commission**  
1-877-661-9223 • [www.AskPSC.com](http://www.AskPSC.com)  
[www.dps.state.ny.us/eschoice.htm](http://www.dps.state.ny.us/eschoice.htm)

**New York State Department of Environmental Conservation (DEC)**  
518-402-9167 • [www.dec.state.ny.us/website/dcs/regions/state.htm](http://www.dec.state.ny.us/website/dcs/regions/state.htm)

**New York Independent System Operator (NYISO)**  
518-356-6060 • [www.nyiso.com/services](http://www.nyiso.com/services)

**Yes, I'd like more information about the electric demand and energy efficiency programs. Please call or e-mail me.**

Name \_\_\_\_\_

Company Name \_\_\_\_\_

\_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

E-mail \_\_\_\_\_

**Complete the information on this page, print, and mail it to:**

Attn: John Calcagni  
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