

# ***Energy Efficiency Programs for Commercial Businesses***

**John Franceschina, P.E.**  
Director, Commercial Efficiency Programs

## The Long Island Power Authority

- Long Island's primary electric service provider
- Non-profit Corporate Instrumentality of NYS
- 1.1M Customers
- Owns the electric T&D system
- LIPA out sources operation of its system to National Grid under a Management Services Agreement (MSA)

## Where does my LIPA bill go?

Fuel & Power Purchases	\$0.50
System O&M	\$0.17
Interest, Financial Reserve	\$0.17
State and Local Taxes	\$0.13
LIPA Salaries, Prof. Services	\$0.01
Efficiency & Renewables	\$0.02

*Numbers are rounded*

*Efficiency Long Island* is a 10-year (2009-2018), **\$924M** plan to reduce peak load by **520MW**.

## Commercial Efficiency Program:

- Prescriptive – Listed Measures
- Custom – Requires Analysis - Geothermal
- Whole Building – New Buildings
  - LEED – LEED Points = \$
- Technical Assistance
- Energy Audits
- **New for 2011 – Lighting Retrofit**

LIPA's Programs Provide Rebates for Energy Efficient (**On-Peak**) Technologies Including:

- Lighting
- HVAC - Geothermal
- Refrigeration
- Occupancy Sensors
- High Efficiency Motors
- Variable Speed Drives
- Controls
- Air Compressors



Lighting Product Changes on the Horizon:

***Phase out of the following:***

- T-12 Fluorescent – Ballasts, Lamps
- Incandescent Lamps (100W)

*Who is upset with one of these announcements?*



## Sheltair Aviation – Three Facilities

- High Bay Lighting Upgrade, EMS, VFD's
- \$80,000 in LIPA rebates for EE Measures
- Energy Savings: 650,000 kWh, 120 kW
- \$100,000 in annual electric bill savings

***“One of the most rewarding experiences for us has been working with LIPA to develop our energy efficiency measures. The cooperation we have received from LIPA’s efficiency professionals has been extraordinary.”***

William McShane

Sr. VP Aviation Development

[www.lipower.org/efficiency](http://www.lipower.org/efficiency)



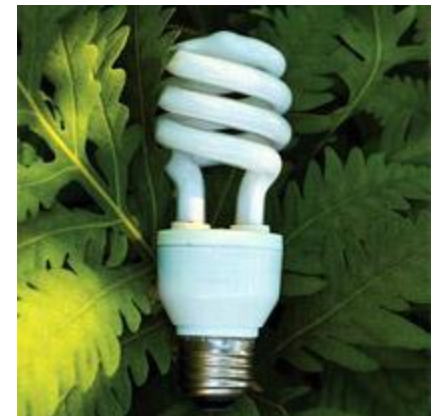


## 2011 Residential Geothermal/Geocolumn Incentives

<b>EER</b>	<b>New</b>	<b>Replacement</b>
• $\geq 13.0$ & $< 16.0$	\$700/unit	\$200/unit
• $\geq 16.0$ & $< 19.0$	\$800/unit	\$250/unit
• $\geq 19.0$	\$1,000/unit	\$350/unit

## To Do List

- Review your LIPA Bill – Consider Monitoring
- Contact your LIPA representative
  - MA Executive, Solution Provider, Energy Consultant
- Call the Info-Line: 800-692-2626
- Energy Audit – FREE for Commercial Customers
- ***Lighting, Lighting, Lighting***
- Review HVAC Equipment
- Consider Operational Changes
- Set Energy Efficiency Goals





# Contact Information

**LIPA Info-Line**  
**(800) 692-2626**

**John Franceschina, P.E.**  
Director, Commercial Efficiency Programs  
(516) 719-7506  
johnf@lipower.org

[www.lipower.org/efficiency](http://www.lipower.org/efficiency)