

# LIPA Commercial Efficiency Program (CEP)



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**CEE Summer – June 2010**

# Efficiency Long Island

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- ✍ 10 year \$924 million effort, targeting 519 MW of capacity and nearly 1688 GWh in energy savings
- ✍ Approximately \$600 million targeting the commercial market

# LIPA's Commercial Efficiency Program

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 New Construction

 Existing Buildings

 Renewables

# New Construction

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## Energy efficiency services

- Rebates for energy efficient technologies
- Technical Assistance
- Whole Building comprehensive analysis
- Building commissioning
- Renewable Energy
- Leadership in Energy and Environmental Design (LEED)
- Building Operator Certification

# New Construction continued...

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- ✍ **Prescriptive:** Qualified energy-efficient equipment in buildings under construction or renovation (up to \$100,000)
- ✍ **Custom:** Incentives for more complex energy-saving measures, perhaps measures unique to your building (up to \$200,000)
- ✍ **Whole Building:** Integrated building envelope and operating systems (up to \$400,000 and \$500,000 for LEED projects)
- ✍ **Commissioning:** For selected projects and technologies (up to \$50,000 and \$100,000 for LEED projects)
- ✍ **Technical Assistance:** Consultants to help you choose and implement energy-efficient measures and equipment (up to \$10,000 free, \$50,000 as a cost share and \$50,000 for energy modeling related services on LEED projects)

# New Construction continued...

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- ✍ **Solar Electric (Photovoltaic or PV):** Incentives to offset a portion of the installation cost of photovoltaic (PV) systems (up to 100kW)
- ✍ **LEED and CHPS Incentives:** Additional money and assistance for LEED and CHPS projects (up to \$650,000 in combined services)
- ✍ **Building Operator Certification:** Education and awareness for energy conservation measures and preventative maintenance (\$676, just over 50% of the cost)

# Existing Buildings

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## Energy efficiency services

- Early retirement retrofits\*
- Audits\*
- Existing Building Commissioning\*
- Rebates for energy efficient technologies
- Renewables
- Technical Assistance
- LEED
- Building Operator Certification

# Existing Buildings continued...

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- ✍ **Retro-Fit:**\* LIPA will individually evaluate customer projects that seek to replace equipment before the end of its useful life to determine an appropriate incentive level (up to \$200,000)
- ✍ **Audits:**\* Free energy audits and your Energy Star rating
- ✍ **Existing Building Commissioning:**\* For selected projects and technologies (up to \$50,000)
- ✍ **LEED Incentives:**\* Additional money and assistance for LEED (Higher cap on T/A studies and \$1,000 for selected LEED Points up to \$25,000)
- ✍ **Prescriptive:** Qualified energy-efficient equipment in buildings undergoing renovation (up to \$100,000)

# Existing Buildings continued...

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- ✍ **Custom:** Incentives for more complex energy-saving measures, perhaps measures unique to your building (up to \$200,000)
- ✍ **Technical Assistance:** Consultants to help you choose and implement energy-efficient measures and equipment (up to \$50,000)
- ✍ **Solar Electric (Photovoltaic or PV):** Incentives to offset a portion of the installation cost of photovoltaic (PV) systems (currently up to 100kW)
- ✍ **Building Operator Certification:** Education and awareness for energy conservation measures and preventative maintenance (\$676, just over 50% of the cost)

# Renewable Energy

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## Solar Entrepreneur (Commercial) Program

- ✍ Incentive of \$2.50 per watt or up to \$125,000 for the first 50 kW for a qualified photovoltaic (PV) system
- ✍ \$1.00 per watt for 51-100 kW
- ✍ Net metering is now available to non-residential LIPA customers with PV systems

# Renewable Energy

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## Solar Entrepreneur (Municipality) Program

- ✍ Incentive of \$3.50 per watt or up to \$175,000 for the first 50 kW for a qualified photovoltaic (PV) system
- ✍ \$2.00 per watt for 51-100 kW
- ✍ Net metering is now available to non-residential LIPA customers with PV systems

# Program Achievements (2009)

PRESCRIPTIVE			
# Appls	Rebate	KW	KWH
484	\$3,087,396.05	4,985.9664	22,327,560.5219
CUSTOM			
# Appls	Rebate	KW	KWH
147	\$2,696,370.19	3,171.8408	20,451,724.3100
WHOLE			
# Appls	Rebate	KW	KWH
9	\$1,529,788.63	708.8700	2,952,014.0000
Total			
# Appls	Rebate	KW	KWH
640	\$7,313,554.87	8,866.6772	45,731,298.8319

# Program Achievements (2010)

PRESCRIPTIVE			
# Appls	Rebate	KW	KWH
226	\$1,344,625.26	1,710.5553	7,341,358.0943
CUSTOM			
# Appls	Rebate	KW	KWH
52	\$345,043.26	414.6400	2,554,607.0000
WHOLE			
# Appls	Rebate	KW	KWH
3	\$36,131.43	0.0200	0.0200
Total			
# Appls	Rebate	KW	KWH
281	\$1,725,799.95	2,125.2153	9,895,965.1143

# Save Energy Now

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- ✍ Increase program awareness.
  - More customers to participate (chains)
  - Educate customers
- ✍ Educate utility
  - Learn about other utility programs

# Contact Information

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