

# **Town of Bethlehem Selkirk Yards Industrial District Focus Group Meeting 2**

**February 25, 2009**

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Presented by: Joanna Moore  
NYSERDA Energy Audit

# What is NYSERDA?

- Public benefit corporation
- Established by the New York State Legislature in 1975
- NYSERDA is tasked to address the State's energy & environmental challenges

## **Mission**

*Use innovation and technology to solve some of New York's most difficult energy and environmental problems in ways that improve the State's economy*

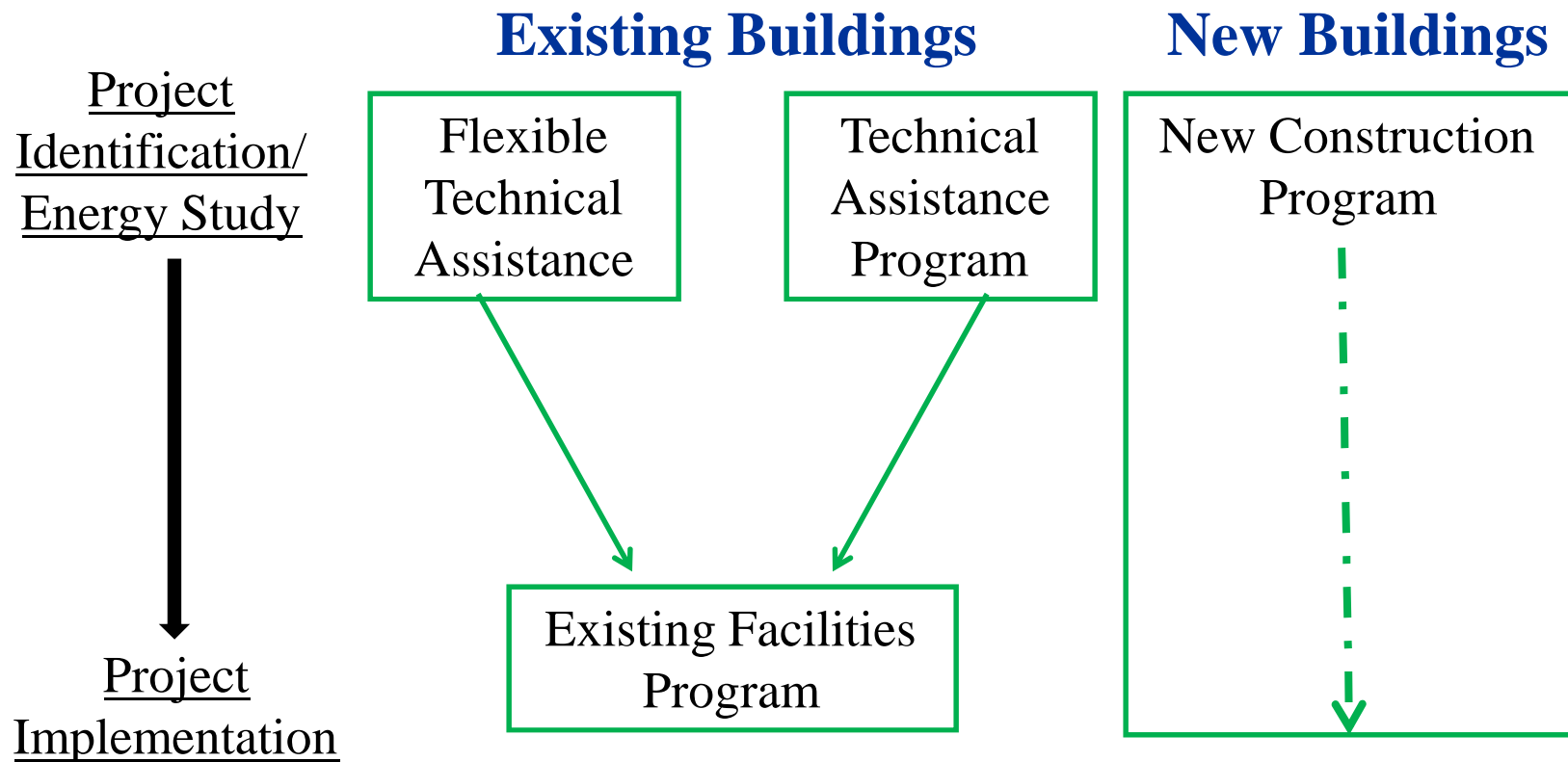


# Major Program Areas

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- **Energy Efficiency Services**
- Residential Energy Affordability
- Research and Development
- Marketing and Economic Development
- Energy Analysis
- West Valley Management

# Commercial & Industrial Programs



# Energy Audits and Studies

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- **Energy Audit Program**
- **FlexTech**
- **Technical Assistance**

# Energy Audit Program

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## Fuel-neutral walk-through energy audit

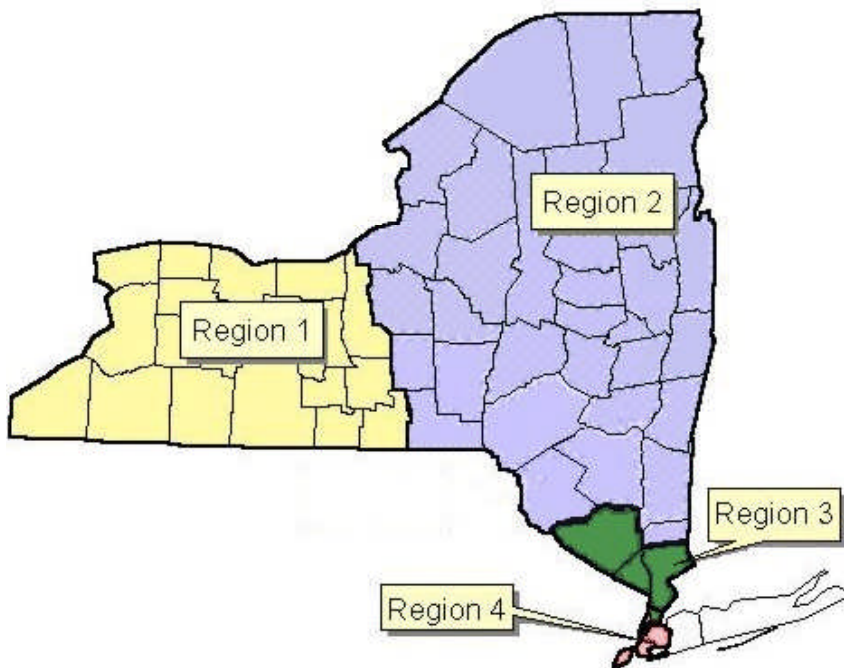
**Eligibility:** <\$75,000 in Annual ELECTRIC Bills

**Cost:**

<u>Annual Electric Bills</u>	<u>Energy Audit Fee</u>
< \$25,000	\$100
\$25,000 - \$75,000	\$400

*Note: Audit Fee is refundable if audit-recommended measures are implemented*

# Energy Audit Program



<p><b>Region 1:</b> C.J. Brown Energy Wayne Balas 716-565-9190</p>	<p><b>Region 2:</b> L&amp;S Energy Services Shanna Losee 518-266-9360</p>
<p><b>Region 3:</b> Daylight Savings Frank Lauricella 845-291-1275</p>	<p><b>Region 4:</b> EME Group Antuan Cannon 212-529-5969</p>

# FlexTech & Technical Assistance

**Objective:** *Provide comprehensive, customized cost-shared energy studies*

- Feasibility Studies
- Energy Master Plans
- Energy Procurement
- Retrocommissioning
- CHP/Renewables
- Load Curtailment
- Energy Advisor Consulting



**Incentive Cap**

**\$500,000** over 5 years

## Flexible Technical Assistance (FlexTech)

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- Project starts with a phone call to NYSERDA
- Customer chooses from one of 35 engineering firms under contract with NYSERDA
- NYSERDA pays the engineer 50%, Customer pays the remaining 50%

## Technical Assistance

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- Project starts with submittal of a 3-page application and detailed scope of work to NYSERDA
- Customer uses their own engineer
- Customer pays the engineer and NYSERDA reimburses customer 50% upon approval of a final report
  - ❖ **In FlexTech, NYSERDA makes a proposal to you.**
  - ❖ **In TA, customer makes a proposal to NYSERDA.**

# Existing Facilities Program

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- **Pre-qualified Incentives**
- **Performance-based Incentives**

# Existing Facilities Program

## Pre-Qualified Incentives

- Applicants can receive incentives (\$/unit) for pre-qualified electric-efficient measures.
- Projects can receive up to **\$30,000** through pre-qualified incentives.
- Pre-qualified Incentives are available for:
  - Lighting
  - Chillers
  - Refrigeration
  - Variable Frequency Drives (VFDs)
  - Commercial Kitchen Equipment and Washers
  - HVAC
  - Motors
  - Interval Meters

# Existing Facilities Program

## Performance-Based Incentives

Program Component	Incentive
<b>Electric Efficiency</b>	<b>\$0.12/kWh</b>
<b>Industrial and Process Efficiency</b>	<b>\$0.12/kWh</b>
<b>Energy Storage</b>	<b>\$300/kW</b>
<b>Demand Response</b>	<b>\$100/kW</b>
<b>Combined Heat and Power</b>	<b>\$0.10/kWh + \$600/kW</b>

**\$ 2 million facility cap**

# New Construction Program

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- New Buildings
- Substantial Renovations

# New Construction Program

## Objective

*Transform the way buildings  
are designed and built.*

## Services

- Energy Modeling
- Capital Cost Incentives
- Commissioning
- Green Building Planning Assistance
- “Bonus” Incentives for LEED Certification

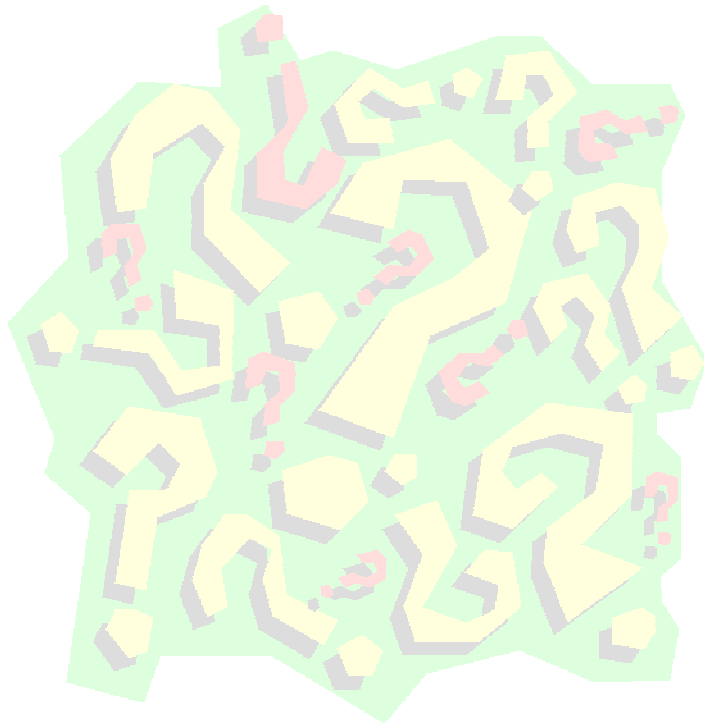
**\*\*\*APPLY EARLY IN PROCESS\*\*\***

***DESIGN INTENT IS IDEAL***



# Further NYSERDA Assistance

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