



**NYSERDA**

# **New York State Energy Research and Development Authority**

**Commercial & Industrial Carbon Challenge Program**

# Commercial & Industrial Carbon Challenge

## Program Goal:

- Helping large energy users execute greenhouse gas emission reduction master plans and projects

## Program Details:

- \$10 million available via competitive award process in total
  - \$2 million for customers who **do not pay** the electric System Benefits Charge (SBC)
- Awards ranging from \$500,000 – \$3.75 million based on emissions saved and SBC payment
- All types of emissions reduction projects eligible, with some strategic focuses
- One-stop-shop for incentives
- Phased payments to match expenditures
  - 70% of award available up-front
  - 30% based on project performance
- Leveraging Federal Support

# Eligible Applicants

## Commercial and Industrial (Category A)\*:

- Colleges and Universities
- Food and Beverage Processing
- Health Care Facilities
- Manufacturing
- Mining and Extraction
- Municipal Facilities
- Not-For-Profit and Private Institutions
- Office Buildings
- Public and Private K-12 Schools
- Retail
- State and Local Governments
- Warehouse and Distribution Facilities
- Wastewater Treatment Plants

## Solutions Providers (Category B):

- Services and solutions providers working with eligible Commercial and Industrial customers in NYS
  - Must include letters of support from customers in application

## Eligibility Requirement for All Applicants

- Project portfolios must reduce at least 25,000 mtCO<sub>2</sub>e over the life of the projects

\* Including, but not limited to

# Carbon Savings Goal & Project Types

## Carbon Savings Goal

Applicants will indicate the total mt CO<sub>2</sub>e emissions reduction target they believe their project(s) can achieve

## Project Types:

**At least 30% of total carbon savings goal must come from:**

- Beneficial electrification;
- Manufacturing process emission reduction;
- Carbon capture, utilization and/or storage (CCUS); and/or
- Low-carbon fuel switching

**Additional eligible projects once the 30% goal is met:**

- Energy efficiency improvements
- On-site renewable energy systems (e.g. photovoltaics, wind, solar thermal)
- Other process, energy efficiency, or renewable energy measures with carbon emission reduction potential

# Application – Attachments

## Clean Energy Action Plan (Attachment A)

This is the keystone document for tracking the applicant's overall strategic approach throughout the C&I Carbon Challenge program. Information is requested on all facets of projects that the applicant would like to fund through this program.

## Project Savings Tracker (Attachment B)

This calculation and tracking tool is meant to assist applicants in determining their carbon savings goal. Each project included in the Clean Energy Action Plan must be included on this spreadsheet.

## Data Collection Form (Attachment C) – Category A only

This form collects data about your organization's commitment to sustainability and reducing greenhouse gas emissions. Please be as detailed as possible in responding to the prompts.



# Application – Attachments

## Letters of Support(Attachment D) – Category B only

Applicants that are solutions providers must include letters of support from the commercial, industrial, or institutional entity or entities where the project(s) will take place, signed by an authorized signatory for the organization.

## Federal Funding Status (Attachment E)

Applicants indicating that they have applied for or secured federal funding for their proposed projects must provide documentation showing proof of funding status



# Award Determination

## Size of Award

Awards are determined by the size of the carbon savings goal. As the amount of carbon saved increases, the financial incentives increase. For each ton of carbon reduced, NYSERDA will provide funding according to the marginal rate schedule below.

Marginal Rate Schedule	
mtCO <sub>2</sub> e	\$ per mt CO <sub>2</sub> e
0 - 25,000	\$20.00
25,000 - 60,000	\$22.00
60,000 - 125,000	\$24.00
125,000+	\$26.00

Example:

An applicant that pays the SBC submits a proposal that sets a target of reducing 130,000 tons of CO<sub>2</sub> equivalent. The overall award equals

$$(25,000\text{mt} \times \$20) + (35,000\text{mt} \times \$22) + (65,000\text{mt} \times \$24) + (5,000\text{mt} \times \$26) = \$2,960,000$$

# How Do We Select Awardees?

An Application is eligible to receive a total final score of 100. 20 points are determined by the applicable Regional Economic Development Council. 80 points are derived from the NYSERDA review criteria\* below:

- Project Analysis
- Project Plan
- Experience
- Resiliency & Disadvantaged Community Impacts
- Cost Share
- Federal Funding Support

*\*NYSERDA may also consider additional program policy factors in making award decisions*



**For additional  
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