



**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 Benefits:

- \$15 million available via competitive award process
  - Awards ranging from \$500,000 – \$5 million based on emissions saved
- All types of emissions reduction projects eligible
- One-stop-shop for incentives
- Phased payments to match expenditures
  - 70% of award available up-front
  - 30% based on project performance

# Eligible Applicants

## Commercial and Industrial\*:

- 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

## Requirements

- Annual average peak demand > 3 MW at one site or aggregated across multiple customer sites
- Pays the Electric System Benefits Charge (SBC)

*\* 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

## Two Project Categories:

**Category A (\$10 million in funding available)** – At least 30% of total carbon savings goal comes from:

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

**Category B (\$5 million in funding available)**

- Energy efficiency improvements
- On-site renewable energy systems (photovoltaics, wind, or 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)

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.

All attachments templates can be found at [nyserdera.ny.gov/cicc](https://nyserdera.ny.gov/cicc)



# 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 a marginal rate schedule.

Category A	
mtCO2e	\$ per mt CO2e
0 - 25,000	\$20.00
25,000 - 60,000	\$22.00
60,000 - 125,000	\$24.00
125,000 - 200,000	\$26.00
200,000+	\$28.00

Category B	
mtCO2e	\$ per mt CO2e
0-50,000	\$11.00
50,000 - 80,000	\$15.00
80,000 - 150,000	\$17.00
150,000 - 250,000	\$22.00
250,000 - 375,000	\$25.00
375,000+	\$26.00

Example:

An applicant submits a proposal under Category A that sets a target of reducing 130,000 tons of CO2 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
- Project Scale
- Disadvantaged Community Impacts

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

**For additional  
information**

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