

Net Zero Energy

For Economic Development



Program Description

This program supports the planning, design, and installation of economic development projects to operate at net zero energy or carbon neutral performance. The Net Zero Energy for Economic Development program is offered as a competitive program for exemplary, highly replicable, and resilient net zero projects. An increased incentive cap may be awarded if funding is available and if the project meets certain criteria, including projects located in areas affected by a utility company gas constraint.

Eligible Types of Applicants

Commercial facilities (not including multifamily or retail), light-industrial facilities, food processing facilities, wineries, breweries, public and private K-12 schools, colleges and universities, healthcare facilities, agricultural facilities, municipalities (local government), State agencies and other State government, not-for-profit corporations, private developers, mixed use, warehouse and distribution facilities, and wastewater treatment plants.

Scoring Criteria

- Alignment with regional and state economic development strategies
- Net zero energy or carbon neutral performance
- Cost effectiveness and replicability
- Geographic regional distribution and support for healthcare and natural gas moratorium areas
- Applicant must prove project resiliency

Program Highlights

The program supports projects in the following two categories:

Category A – This category provides eligible New York State commercial, industrial, and institutional applicants up to \$1 million in incentives for the construction of, or renovation to existing, buildings designed to achieve net zero energy or carbon neutral performance. Applicants to this category must pay into the System Benefits Charge or be located in the Long Island REDC Region.

Category B – This category provides eligible New York State community, campus, or large-scale private development applicants \$2 million to \$5 million in incentives on a competitive basis, for the planning of large-scale communities, campuses, or developments designed to achieve net zero energy or carbon neutral performance. Applicants to this category must pay into the System Benefits Charge.

Success Stories

Wood-B-Ayr Farm

A new state-of-the-art organic dairy barn is being designed as a smart building utilizing high-efficiency ventilation, lighting, and ultramodern robotic feeding, milking, and cleaning systems and will include a composting bedding pack. The project includes installation of renewables for net zero energy performance. The facility will have an educational center for meetings and seminars to train 4-H and other agricultural groups on modern organic dairy farming. The project was awarded \$1 million in the 2018 Round 8 of the CFA to assist the facility in achieving net zero energy performance.

United Way of Long Island

United Way of Long Island's corporate headquarters proposed project will replace aging natural gas heating equipment with high-efficiency air source heat pumps, efficiency improvements to the building, a solar array, electric vehicle charging stations, and a battery storage system. The proposed project will provide hands-on workforce training opportunities, disaster resiliency and preparedness as well as cost savings to nonprofit companies located at the site. In 2018, the United Way was awarded \$595,000 to achieve net zero energy performance in the existing commercial office building.

Binghamton University

Binghamton University will develop a University-wide Energy Master Plan to meet State University of New York's (SUNY) 1B-2 Program Directive for Net Zero Carbon new buildings and Deep Energy Retrofits of existing buildings, in support of SUNY's energy and carbon reduction goals. The development of the plan will include a feasibility study of Binghamton's six million square foot campus, as well as develop prototype design documents, to get to net zero energy performance. In 2019, Binghamton University was awarded \$5,000,000 as a Category B project to develop the Master Plan to achieve net zero energy performance within the project boundary.

Ready to get started?

Full program rules, requirements, and guidelines can be found at nyserdera.ny.gov/nzeed

