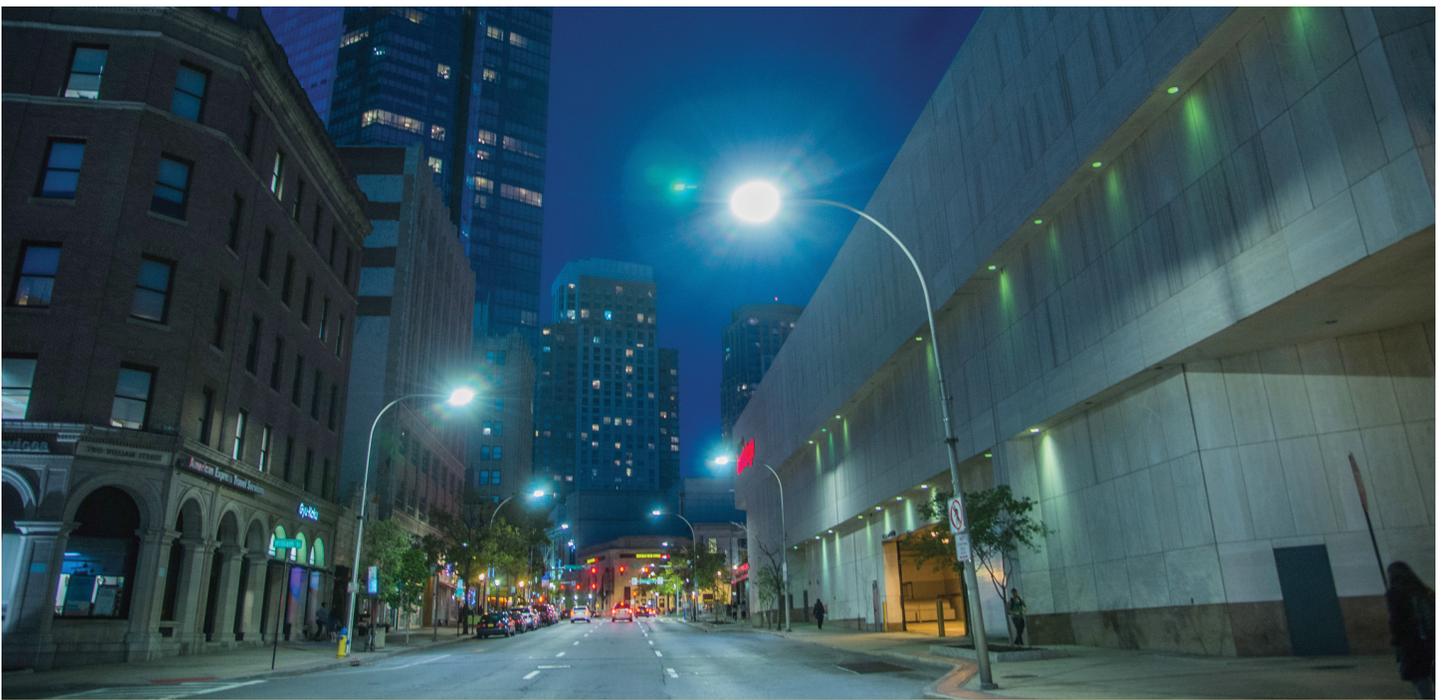


Smart Street Lighting NY Grant Program Guidelines

Customer Energy Solutions



NEW YORK
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**NY Power
Authority**

Program Overview

As an enhancement to the Smart Street Lighting NY Program, the New York Power Authority (NYPA) is pleased to announce the Smart City Technology Grant Program (“Smart City Grant”). The Smart City Grant, scheduled to go through December 31, 2025, will support the planning and installation of Smart City sensor hardware and software technology as part of LED street lighting conversions.



Applicants that meet all the requirements will be eligible to receive a range of grant funding outlined in the grant allocation table. Grant amounts will depend on the quantity of street lights, as well as, the amount of matching funds the community may contribute. If no matching funds contributed then the community will be eligible to receive the base grant amount. The community may contribute as much as they like but will only receive a matching funds from NYPA up to the max amount in their tier plus the base grant amount as outlined in the equation below.

$$\begin{aligned} &(\text{Base Grant}) + (\text{Community Contribution}) + \\ &(\text{NYPA Match of Contribution}) = \\ &\text{Total Smart City Cost} \end{aligned}$$

As technology continues to evolve, municipalities are able to make data driven decisions to enhance the operation of their assets and improve public services to their residents. Street lighting systems are no longer used solely to illuminate roadways, but are now considered vertical assets that can be used for a variety of new and innovative functions. NYPA will work with program participants statewide to enhance LED street lighting conversions by integrating one or more of the following technology categories:

- **Public safety:** video analytics, noise and motion monitoring, gunshot detection
- **Environmental:** air quality, ice and snow detection, sewer and storm water monitoring, weather detection
- **Transportation:** traffic optimization, traffic monitoring, parking management
- **Connectivity:** digital kiosks, connected vehicles, smart phone applications

As new technologies are developed, NYPA will expand the offerings mentioned above. NYPA will also provide municipalities with information on the potential roll out of 5G broadband small cell technology and public Wi-Fi. Adequate connectivity will be the backbone of how Smart City and Internet of Things (IoT) sensors communicate while also enhancing cellular density.

Application Requirements

The attached application must be submitted for participation. In order for applications to be considered for award by NYPA, the applicant must satisfy the following requirements:

- Applications must be submitted by an authorized employee of the municipality implementing the project. While consultants or third parties may assist in creating project applications, applications submitted by third parties on behalf of the municipality will not be entertained.

- In order to receive an award, the applicant (“Applicant”) must enter into an agreement with NYPA for the full turnkey project implementation of an LED street lighting conversion. The Applicant must also execute a cost recovery agreement with NYPA. However, the municipality is not obligated to use NYPA’s low-cost financing.
- Each Applicant will be limited to submitting one application. Each application must include only one project, but the project can include installations at multiple locations. If the street lighting conversion is completed in multiple phases additional applications will not be accepted.
- Smart City sensors, hardware, and software must be preapproved by NYPA before an application is submitted. Please see the attached list of prequalified Smart City solutions. If there is a system that is not listed that an Applicant would like to implement, please send a comprehensive Scope of Work, respective cut sheets, and a project budget to the Program Manager Kevin Luteran (contact information below).
- Eligible Applicants can choose to supplement NYPA’s contributions with 50% matching funds of the total project cost in order to acquire additional grant funds. Matching funds can come from any combination of capital from the municipality’s budget or NYPA financing, if eligible. Matching funds are to be paid directly to NYPA as defined in the Customer Project Commitment (CPC). Customers must decide which and whether they will contribute matching funds at the time that the Authorization to Proceed (ATP) for the street lighting conversion is executed.
- Once a project has been officially awarded, the municipality will not be able to modify the project scope without approval from NYPA. If the matching funding option is chosen and upon completion of the work, the total project cost is below what was originally projected and approved, the municipality must still meet the 50% match requirement of the total project cost and NYPA will retain any unused grant funds. Any excess funds not used will not be paid to the Applicant. If upon completion of the work the cost of the Smart City technology is above what was originally projected and approved, the municipality will be responsible for the difference between what was awarded and what final cost of the project. NYPA will not accrue any project costs in excess of the originally agreed upon total allocation amount without its consent.

Project Parameters

If an application is deemed incomplete, the applicant will be notified within 30 days of receipt of the application. The applicant must then resubmit the appropriate documentation to be considered for funding. Failure to resubmit revised application may result to declination of an application. If approved, Applicants will be notified of award decisions with a grant award notification within 30 days of applying.

Projects submitted for consideration must satisfy the following requirements:

- The installation of all Smart City devices are to be installed at the time of the installation of the LED street lights by NYPA. NYPA will also accept applications from municipalities who converted their street lights through NYPA after July 2017.

- The program will be offered up to year 2025 or until the capped program funding is depleted. NYPA does not guarantee this grant amount if the program funds are fully committed at the time you submit your application. Awards will be made on a first come first serve basis.
- Grant funds will not be dispersed to the municipality directly, they will be used as credit to the project to offset total project costs.
- As with all aspects of the Smart Street Lighting NY, all costs incurred to develop Smart City projects are subject to cost recovery fees.
- NYPA reserves the right to modify the parameters of the program at any time.
- Awards from NYPA shall follow the chart below in total grant allocation amount, per individual project:

Grant Allocation			
Number of Street Lights	Base Grant Amount (No customer match)	Matching Amount (up to 50% match)	Total Amount (Base + Matching)
0 to 500	Up to \$20,000	Up to \$40,000	Up to \$60,000
501 to 1,000	Up to \$40,000	Up to \$80,000	Up to \$120,000
1,001 to 5,000	Up to \$75,000	Up to \$150,000	Up to \$225,000
>5,000	Up to \$100,000	Up to \$200,000	Up to \$300,000

Example Project	
Number of Street Lights	3,500
Base project cost for LED conversion	\$5,000,000
NYPA Base Grant Amount	\$75,000
NYPA Matching Funds	\$100,000
City's Contribution	\$100,000
Total Grant Amount	\$175,000
Net Project Cost	\$5,000,000
Gross Project Cost (LED + Smart City)	\$5,275,000

For any questions or to submit all required application documents please contact:

Kevin Luteran
 Smart Street Lighting NY Program Manager
 SmartStreetLightingNY@NYPA.gov
 (518) 433-6742