

## Category (12) Replacement of Traffic Signals and Street Lighting

### STATUTORY LANGUAGE

Replacement of traffic signals and street lighting with energy efficient lighting technologies, including—

- A. Light emitting diodes; and
- B. Any other technology of equal or greater energy efficiency

### PROGRAM GUIDANCE

- The activity must be for the replacement of traffic signals, street lights<sup>23</sup> or street signs;
- The replacement of traffic signals or street lights must be light emitting diodes (LEDs) or other technology of equal or greater energy efficiency. Traffic signals and street light replacements may include solar panels that power the street lights so long as the panels are part of a replacement effort that installs LEDs or other technology of equal or greater efficiency for lamps;
- Generally, only the cost of replacement lamp is eligible unless replacement/upgrade of supporting structure (e.g., posts) is necessary to support the replacement of the lamps.
- The activity must occur within the jurisdiction of the eligible entity.

### EXAMPLE ELIGIBLE ACTIVITIES

- LEDs and any other technology of equal or greater energy efficiency
- Computerized traffic management systems, installed on street lights, to minimize vehicle-based traffic congestion during peak driving hours

### TECHNICAL ASSISTANCE OPPORTUNITY

- The [Better Buildings Outdoor Lighting Accelerator Toolkit](#) provides tools and resources, including a decision tree for upgrading or replacing public outdoor lighting systems, technical support resources, and lessons learned.
- The [Municipal Solid-State Street Lighting Consortium \(MSSLC\)](#) helps local governments make informed decisions on the purchase of LED street lighting and maximize the energy savings. Resources include lighting specifications, financing resources, technical reports, presentations, and FAQs on outdoor street lighting, including resources on lighting selection and design considerations.

### ITEMS TO CONSIDER

- The replacement of a lighting fixture, an arm, a pole, or any part of a light is an eligible use of funds if the more efficient lighting technology necessitates such a replacement. However, regular maintenance is an ineligible cost. For example, EECBG Program funds cannot be used to replace a rotten pole due to insufficient maintenance. LED lights should be procured with strong

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<sup>23</sup> A “street light” is an outdoor source of light that is raised and that is intended to provide functional illumination to the area below the light.

warranty terms and meet certifications (e.g., ENERGY STAR or otherwise) to ensure energy performance, longevity and lighting quality over time.

- When considering which locations to make street light improvements, consider incorporating approaches to ensure equitable access to street light improvements, such as scoring criteria that consider equity, safety, and access.