

Commitment for Better Communities Resource Opportunity for Connected Street Lighting Technology Pilots

Through the **Better Communities Alliance** (BCA), the U.S. Department of Energy is introducing *Commitments for Better Communities*, a partnership initiative to help match resources from public and private sector organizations to local government needs. The outcome of this initiative is an expansion of resources for communities that support their achievement of local energy and economic goals, while enabling participating public and private sector organizations to demonstrate innovative solutions.

Resource Opportunity Title: Connected Street Lighting Technology Pilots

Organization: Philips Lighting

Contact: Marina Leight (marina.leight@philips.com)

Organization Description: Philips Lighting is a global market leader with recognized expertise in the development, manufacturing & application of innovative LED lighting solutions. We use the transformative power of light to make people more comfortable and productive – providing high-quality light in public places, professional spaces, and at home. We use light to make people feel happier and safer – light that entertains, inspires, and informs, makes cities more livable, and satisfies people's daily needs. For more information, visit <http://www.usa.lighting.philips.com/home>.

Summary of Resource Opportunity: Philips Lighting will conduct connected street lighting technology pilot projects leveraging its CityTouch platform with up to 10 local governments. CityTouch is an end-to-end street lighting management system that integrates connected devices, software-as-a-service applications, and specialized services to provide insight into citywide lighting performance. It also provides greater control over lighting management, including through automatic notifications on outages or other system disruptions, remote control over dimming schedules, and the measurement of energy consumption.

Cities and utilities are using the CityTouch as an asset management system. It also has capacity to assist in providing an inventory of streetlight infrastructure in a cost-effective, less labor-intensive activity through GIS technology, saving significant money by avoiding expensive inventory audits.

The CityTouch connector node is a plug-and-play device that transforms any street light into an individually controllable, remotely managed point of intelligence. Once installed on an existing street light, the connector node automatically connects with CityTouch software applications via the public mobile communications network. The CityTouch connect application enables the remote monitoring and management of all connected light points through a real-time, map-based view using any standard web browser. The CityTouch workflow application adds data visualization and reporting capabilities, provides a highly customizable lighting asset database, and offers lighting-related workflow management tools.

For more information, visit

www.lighting.philips.com/main/systems/connected-lighting/citytouch/connector-node.

Application Form for Local Government Partners

1. NAME OF LOCAL GOVERNMENT AND STATE.

2. DESCRIBE YOUR INTEREST IN THE INDICATED OPPORTUNITY AND HOW IT SUPPORTS THE ACHIEVEMENT OF LOCAL ENERGY AND/OR ECONOMIC GOALS.

3. INDICATE THE APPROXIMATE TIMEFRAME (START AND END DATES) IN WHICH YOU EXPECT TO IMPLEMENT THE INDICATED OPPORTUNITY.

4. STATE THE NAME, TITLE, AND DEPARTMENT OF THE INDIVIDUAL(S) ASSIGNED TO WORK ON THE OPPORTUNITY.

5. BRIEFLY DESCRIBE THE WORK CONDUCTED TO DATE RELATED TO LED STREET LIGHTING, INCLUDING PLANNED WORK:

6. PLEASE STATE THE OWNER OF STREET LIGHTING INFRASTRUCTURE (I.E. LOCAL GOVERNMENT, UTILITY NAME, ETC.):

7. OTHER COMMENTS: