

Streetlight Conversion Services

Solutions to help communities become vibrant, growing and green

Siemens has a long history of providing service for turnkey streetlight conversion projects and securing financing for its customers throughout the United States. Our work with public agencies includes help to select appropriate fixtures, implement test installations, light level studies, procure materials and installation. In addition, we interact with the public to promote widespread acceptance of the new lighting technology. We have successfully completed streetlight conversions in hundreds of communities that identify the best product, installation and maintenance solution.

Our experience includes:

- Energy efficient streetlight conversion redesigns of over 100,000 streetlights in communities across the country utilizing the best available technologies
- Over 300 maintenance contracts with public agencies consisting of more than 400,000 streetlights and 10,000 traffic signals nationwide
- LED retrofits for over a half million traffic signals

Getting Started

Siemens can define the scope of the project by performing a streetlight audit. These audits verify billing inventory, provide the basis for system standardization, energy efficiency improvements and maintenance services. Our survey

personnel have extensive experience with these audits and are thoroughly familiar with the considerations that must be taken into account for lamp selection based on adjacent land use. Our technical auditing and analysis procedures are completed in-house and we provide GPS level data, asset inventory and condition of assets. The audit data can be easily integrated into an existing database.

Design Services

Our design process involves sample photometric measurements of existing lighting levels on various streets, the installation of test/sample recommended fixtures, verification of photometric readings of the new fixtures and the evaluation of the sample lights by the City and the public. We follow the same concepts used by the IESNA in selecting light levels based on the nature of the roadway and the level of pedestrian activity/conflict. Our goal is to balance the City's desire for savings with maintaining safe and adequate light levels.

Funding Sources

Siemens can assist in identifying a funding source. Conversion projects can be self-funded or funded by federal and state grants, and Utility programs. It may also be financed through the project savings using tax exempt municipal lease financing via private lending institutions and Siemens Financial

Services. Based on the financial analysis, there are many options, and our objective is to assist each agency in obtaining the most favorable financing package for the project.

Fixture Selection

We specialize in maintenance so we favor fixtures that are well-designed, easy to install and provide the longest maintenance-free service. Although we have many excellent vendor relationships, we remain neutral on product recommendations. Our Certified Lighting Engineers will recommend various technologies (Incandescent, LED, Induction, etc.) for each application to achieve the City's goals at the lowest overall life cycle costs.





Pilot Program and Public Outreach

A Pilot Program will allow the city to evaluate specific fixtures. Siemens will install sample equipment selected by the City, in a variety of locations for public comment and evaluation by City leadership. Our public outreach expertise will ensure the final project will be well received by the public by developing a joint plan with the city. We will facilitate and support community meetings, work with local media and establish community sponsors. We want to ensure the project is viewed as a success and provides significant value to the community and local businesses.

Installation and Maintenance

We use a combination of highly qualified, licensed electricians, fleets of specially outfitted vehicles and the latest tools and equipment. Siemens oversees the light fixture installation by reporting on the completion during each phase of the project. After the installation, we provide a complete turnkey solution, our 24-hour call center, and our solid commitment to exceptional customer service.

Customer Services Contacts

Clint Schuckel - 1 (978) 262-9010
Alex Valenti - 1 (415) 246-7257
Richard O'Hearn - 1 (774) 343-2387

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