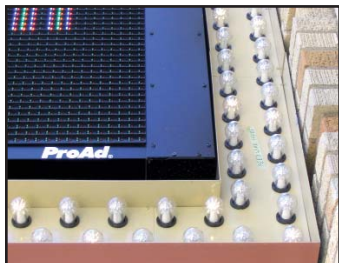




Palace - marquee

*"We were surprised and pleased with how easy it was to get the our incentive grant from NYSERDA for the Palace Theater's new marquee. Their consultant, SAIC, helped us through the whole process - including estimating how much energy we will be saving for years to come. While the new marquee may look like the original marquee, thanks to NYSERDA's help, we were able to make all of the electric features extremely energy efficient."*

*-Lori Harris,  
Secretary of the Board  
Palace Performing Arts Center*



LED detail

## Palace Performing Arts Center

Albany, Albany County

### Background

Since 2002, the City of Albany has been involved in a major revitalization project for its historic Palace Theater, a performing arts center located in downtown Albany. Extensive renovations were done inside and are continuing outside the building, with a major focus placed on the building's distinctive marquee. The decision to restore the marquee opened up an opportunity for the City of Albany and NYSERDA to work together to implement energy-efficient lighting technology to a historic piece of Albany.

### Recommendation

With an energy analysis study done by Science Application International Corporation, an engineering firm under contract to NYSERDA, it was decided to replace the 2,363 incandescent lightbulbs on the marquee with energy-efficient LED lightbulbs. LED lamps have an operating life of 100,000 hours, comparable to an operating life of approximately 30 years.

### Result and Incentive

The installation of this measure and a **\$62,165** incentive from NYSERDA's New Construction Program will result in:

- Annual energy reduction of 69,000 kilowatt hours
- Annual energy savings of \$6,900
- A simple payback of 3.86 years



Palace facade

### New York Energy \$mart<sup>SM</sup>

All **New York Energy \$mart<sup>SM</sup>** programs are funded by a System Benefits Charge (SBC) paid by electric distribution customers of Central Hudson, Con Edison, NYSEG, Niagara Mohawk, Orange and Rockland, and Rochester Gas and Electric. NYSERDA, a public benefit corporation established by law in 1975, administers SBC funds and programs under an agreement with the Public Service Commission.

**New York Energy \$mart<sup>SM</sup>** programs are designed to lower electricity costs by encouraging energy efficiency as the State's electric utilities move to competition. The programs are available to electric distribution customers (residential, commercial, institutional, and industrial) who pay into the SBC.