

Energy Efficiency Profile

The Palace Theatre, Albany, N.Y.



The Palace Theatre, a grand cultural and entertainment facility in the heart of downtown Albany, first opened its doors in October, 1931, during the middle of the Great Depression. The largest theatre in a city already noted for a number of opulent movie houses, the Palace Theatre stands today as the sole survivor of this period and continues to make history with a diverse offering of popular acts and cultural events.

After connecting at a local Chamber of Commerce networking event, Palace Theatre staff invited RISE Engineering to conduct an energy assessment of the building's lighting system. RISE identified and recommended lighting improvements, arranged installation, and helped make the upgrades affordable by working with National Grid on financial incentives and by coordinating third-party financing.

THE NEED

This landmark, city-owned theatre was becoming difficult to maintain due to negative cash flow. The city was considering selling or closing the building.

THE SOLUTION

- Upgraded over 8,000 incandescent lamps and other lighting fixtures to high-efficiency LED, including 4,000 specialty lamps on the marquee
- Ensured new LED fixtures were compatible with the complex, pre-existing dimming controls system
- Identified third-party financing to make the project even more cost-effective for the city

THE OUTCOME

- An estimated \$50,000 in annual electricity savings
- Over \$10,000 in annual maintenance savings
- The city was able to keep the building
- The theatre is open and projected to be profitable for the first time in several years
- Significant local media coverage, including press events with Albany's mayor and reps from The Palace Theatre, National Grid and RISE Engineering

About RISE Engineering:

A pioneer in the delivery of turnkey energy-efficiency services, RISE Engineering works with utilities and other energy program sponsors to offer residential, commercial, industrial, institutional and public-sector energy users comprehensive efficiency services that reduce their environmental footprint and operating expenses.



OVERALL RESULTS

Total Project Cost	\$168,807
National Grid Incentives	-\$71,381
Customer Cost	\$97,426
kW Demand Savings.....	128
Annual kWh Saved.....	261,885
Annual Energy \$ Saved	\$50,736
Simple Payback	1.9 years

To schedule your free energy assessment,
call us at (800) 422-5365
or email efficiency@RISEengineering.com.

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