

NENRG

New England Energy

'Turning Energy Costs Into Profit'

New England Energy Patented Motor Load & Lighting Solutions



CLIENT:



Project

Marlborough Hospital is a member of UMass Memorial Health-care, the largest healthcare system in central and western MA. This facility consists of 3 distinct building ranging in age from mid 1900's to early 2000. The lighting in the different areas ranged from maintained to replaced. This project consisted of changing 1350 fixtures to today's technology and eliminating the need for multiple lamp and ballast configurations. These configurations included 2, 3 and 4 lamp ballasts, 2', 4', u bend, biax, and linear T8 lamps, and biax T5 lamps. Maintaining inventory and physically replacing lamps and ballasts was a near full time position. All rebate paperwork and processing was agreed to be the responsibility of the vendor.

Execution

The fixtures being retrofitted were identified and completed in a systematic order. Operating rooms, Emergency department, ICU, labs and specialty areas were completed before or after hours to accommodate the needs of the facility. Main traffic areas remained accessible and passable throughout the process. Extra teams were brought in to complete the job in a timely and efficient manner and to adhere to the utilities contractual agreement. The project was completed on time and without any disruption of daily operations. The required maintenance was eliminated for 3-5 years and the inventory needed for maintenance was dramatically reduced. The new lamps are now consistent in light output throughout the campus. All rebate paperwork was completed by New England Energy and submitted to the utility without delay or disruption.

RESULTS

Previous Wattage Consumed:	609,152
Wattage Saved:	373,527
First Year Savings:	\$57,363
ROI:	18.4 Months

*New England Energy 200 Stonewall Blvd. Suite #7 Wrentham, MA 02093
Tel: 877-240-5410 Fax: 508-590-0266 WWW.NENRG.COM*