



"We used to draw between 20 and 30 amps in the months of December and January. Since the new lights were installed, that's down to between 5-14 amps."
Jeff Marcotte, Assistant Director of Facilities, Cape Cod Community College

Shedding new light on campus

Cape Cod Community College realized they had a parking problem - not the issues of students fighting for spaces or complaining about permit prices, but a problem with lighting.

Largely built in the 1970s, the campus' exterior lighting systems were in need of an upgrade. The parking lots had large areas with inadequate light, the metal halide streetlights took a long time to warm up, and energy and maintenance expenses on these lights were too high.

Working together, the college and Cape Light Compact determined that retrofitting all parking lot lights with LED (light emitting diodes) fixtures would be the most beneficial and cost-effective way to light their parking lots better, lower maintenance costs and significantly reduce monthly energy consumption.

HOW CAPE LIGHT COMPACT HELPED

Cape Light Compact awarded Cape Cod Community College \$125,852 as incentive for the retrofit, covering 100% of the installation.

THE RESULTS

Installing these new LED lights will result in an estimated annual reduction in energy usage of 173,825 kWh (\$26,074) for the college.

CASE STUDY

Cape Cod Community College

WEST BARNSTABLE, MA

FACTS at a GLANCE

- 77 parking lot light poles were retrofitted with new LED fixtures which have an expected life span of between 25,000 and 50,000 hours.
- The parking lot's lighting load has been reduced 75%.
- Annual maintenance costs for all campus light poles are now estimated at \$231 – total.

What can Cape Light Compact do for you?

The Cape Light Compact Energy Efficiency Program offers generous incentives for energy efficient new or retrofit building projects. To learn how Cape Light Compact can help you save energy and money call 508.375.6886 or visit www.capelightcompact.org.

Read more about this project at <http://www.capelightcompact.org/case-studies/>

CAPE LIGHT COMPACT
3195 Main Street
Barnstable, MA 02630

800.797.6699 Energy Efficiency
800.381.9192 Power Supply
www.CapeLightCompact.org