

CASE STUDY:

# DICKINSON COLLEGE

## CAMPUS-WIDE LED LIGHTING UPGRADE

Dickinson College’s Sustainability and Facilities Management team took advantage of TEN’s LED campus-wide LED blitz protocol to deliver maximum cost savings and sustainability results.



*Dickinson College used modern LED fixtures to generate substantial cost savings and sustainability results, while also delivering interior and exterior facility upgrades as well as important safety and security improvements.*

+ Dickinson College encourages students to think differently and act boldly – to be decisive, useful, curious, and unafraid to take risks.

Dickinson College’s Sustainability and Facilities Management team acted boldly when they decided to implement a campus-wide LED lighting retrofit “blitz.”

The LED conversion project went from concept to implemented reality in a few short months. The most modern LED fixtures are inexpensive and proven-effective. Delivered savings start immediately.

In addition to very substantial cost savings and sustainability benefits — helping Dickinson College achieve its goal of carbon neutrality by 2020 — the campus-wide LED retrofit delivered interior and exterior facilities upgrades, as well as important safety and security improvements.



Dickinson College is working to create a world that is socially, economically and environmentally sustainable. Our bias is towards action, to take bold steps. One example: our LED lighting retrofit blitz on campus enabled us to install high-efficiency lighting in approximately 85% of campus buildings. In addition to lasting much longer than other bulbs, high-efficiency LED fixtures reduce energy consumption and carbon emissions, while reducing maintenance time and (because there’s less ‘ladder time’) improving safety.

—Ken Shultes, Associate Vice President for Sustainability & Facilities Planning

### FINANCIAL RESULTS

**\$1,800,000**

Total project investment

**\$70,000+**

Total rebates received

**\$250,000+**

Annual savings

### SUSTAINABILITY RESULTS

**Annual savings of:**

- 1,300 Tons of CO<sub>2</sub> reductions
- Over 1.5 million kWh electricity
- Over 30,000 “trees planted”



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