

# Cornell University

## Ithaca, NY

Together, NYSERDA and Cornell University have focused on 26 separate buildings containing a mix of laboratory and classroom space evaluating the lighting and HVAC systems. Additional measures have been undertaken for re-commissioning buildings, installing building control systems, energy-efficient windows, building envelope improvements, energy-efficient lighting, motor replacements and HVAC improvements. Following is a brief summary of two of these projects.

### **Mann Library**

The University completely renovated this existing 151,000 square foot, five story, registered historic landmark. Energy-efficient measures installed include high efficiency lighting, premium-efficiency motors, HVAC improvements and building control systems.

- NYSERDA incentive of \$320,008
- Annual savings of \$107,725

### **Duffield Hall**

A whole building design was completed for this project recommending high efficiency lighting, premium-efficiency motors, HVAC improvements and building control systems.

- NYSERDA incentive of \$389,027
- Annual savings of \$530,185

With NYSERDA offering to contribute more than \$550,000 of the engineering costs, five additional projects have been completed recommending a total of \$10.2 million in capital investments. This will save the University an estimated \$1.9 million in energy cost annually, providing a simple payback of 5.4 years.

Three separate projects have been offered almost \$800,000 of NYSERDA funds to install more than \$14 million in lighting upgrades and HVAC improvements, saving the University an estimated \$2.6 million in energy cost annually.

***Cornell University has participated in 26 projects with NYSERDA committing \$3,215,632 in incentives.***

To find out how you can reduce your energy consumption and costs, visit [NYSERDA.ny.gov](http://NYSERDA.ny.gov)