

HOUGHTON COLLEGE

ENERGY-AS-A-SERVICE CASE STUDY

SPRING 2019



RenewEnergy

PARTNERS

In partnership with:



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Project Summary

- Client: Houghton College
- Measures: High Efficiency LED Lighting
- Structure: Energy Service Agreement (ESA)
- RENEW Investment: \$600,000
- Operating Term: 10 years
- Climate Impacts: 349 Metric Tons per Year
- Status: Operational since 2019



Project Description

RENEW Energy Partners, LLC (RENEW), with its implementation partner (JACOMB Lighting) funded, designed, procured, built and will service, maintain and own energy efficient LED lighting upgrades that provide energy and maintenance savings to Houghton College.

Under RENEW's Energy Services Agreement (ESA), Houghton College will receive the LED Lighting upgrades at no up-front cost. RENEW funded, own and operates the energy conservation measures in exchange for a service fee less than the savings generated. Houghton College not only receives lighting upgrades but will also see an immediate reduction to their operating budget.

Houghton College is an inaugural signatory to the President's Climate Commitment and a national leader in campus sustainability. The College's 2.6MW solar system generates more solar energy than any college in the State of New York. Working with RENEW, Houghton College can expand its sustainability program and commitment while freeing up its capital budget for other priorities.

Houghton College was able to implement this energy system upgrade without using its capital budget or adding debt to its balance sheet. In the process, Houghton College freed up over \$500,000 in capital that can be allocated towards education.

Under the ESA, RENEW funds the energy system upgrade and sells the energy savings back to Houghton College. During the ten-year term Houghton College is using the savings to pay for the Energy Services provided by RENEW.

Key features and benefits

Over ten years, the College will save over \$40,000 and will see significant reductions from its operating budget.

