

## Case History

### Cascades / Norampac

#### The Company:

Founded in 1964, Cascades produces, transforms and markets packaging products, tissue papers and fine papers, composed mainly of recycled fibers. Norampac is the 7th largest container board producer in North America and also a major producer of corrugated products; it is a joint venture company owned by Cascades and Domtar Inc.

#### The Energy Saving Challenge:

Cascade partnered with SmartWatt, which specializes in working with companies with multiple locations, at three Norampac facilities in Schenectady, NY, Queens, NY, and Leominster, MA. After seeing the savings at these facilities, Cascades asked SmartWatt to design projects for their Waterford, NY, Mechanicsville, NY, and Versailles, CT, facilities that would yield Cascades additional savings.

#### The SmartWatt Solution:

Replaced older, inefficient HID and T-12 lights with more efficient fluorescent lighting technology. Installed motion controls in areas that are frequently unoccupied.

#### Combined Cascades and Norampac Savings:

Annual Savings: \$579,008.27

Annual Displaced Energy: 5,968,024 kWh

kW Savings: 678.75 kW

Simple Payback: 18.5 Months

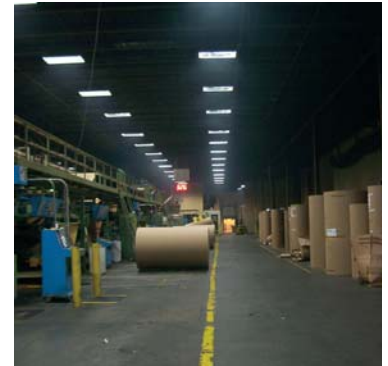
#### Rebate:

Massachusetts Electric, the New York State Energy Research and Development Authority (NYSERDA), and Connecticut Light & Power (CL&P) paid a combined Incentive Rebate of \$425,841.82 on this project.

SmartWatt is currently working closely with Cascades Energy Initiatives Department in Kingsey Falls (Quebec), Canada, to assist them in reducing energy costs in their other U.S. plants.



Before



After

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