



Over 150 Years of
Innovation

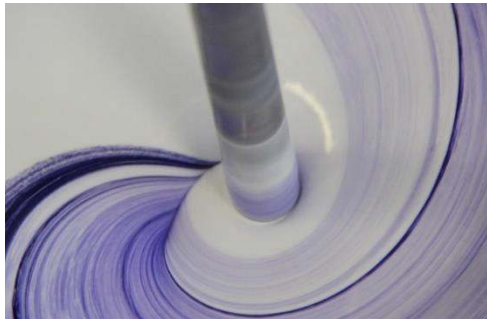
BIA Air and Water Regulatory Conference

September 16, 2020

Shaye Hardner

Capabilities

Chemical
Compounding



Extrusion



Web Coating &
Laminating



Web Converting



We are a service-driven company that adds value through our R&D capabilities to provide custom solutions.

Quality Solutions for Industry

UPACO & NYLCO DIVISIONS



Excellence in manufacturing since 1866

An ISO 9001 and ISO 14001 Registered Company

Manufacturing Facilities

ISO 9001 & ISO 14001 REGISTERED

Nashua, NH



Grand Rapids, MI



Clinton, MA



Richmond, VA



SUSTAINABILITY

Building Toward the Future



The way to make the environment a business issue is to treat it like a business issue.

Randy Price, former VP of Consolidated Edison

Moving beyond LEDs:

- Installed a modular 150 ton chiller – only use modules needed at a given time
- VFD on air compressors
- Cycling air dryers
- Evaluating a second chiller for a process that needs water at 2 temps.
- At some facilities there are electricity meters on individual machines
- Looking to install natural gas meter as well
- Company cars: 40+ mpg or electric, most fork trucks are electric

Energy Efficiency

Help available from utilities:

- Eversource and Liberty offer funding for efficiency assessments
- Work with Eversource to get any applicable rebates - need to show:
 - energy efficiency benefits,
 - solution is more expensive than the traditional less-efficient alternative,
 - reasonable payback,
 - new technology is approved for rebate

Renewable Energy



Solar energy

- Largest rooftop solar array in NH >1 MW DC
- Array on our MA facility as well – going to expand
- Evaluating options at other facilities as incentives change

Passive ISO-NE On-Peak Demand program

Participate in **Group Net Metering** with a hydro facility

Systems and Partnerships



The Worthen Sustainability Approach



WASTE:

We focus on minimizing our waste and diverting what remains from landfills.



ENERGY:

We implement renewable and energy efficient projects.



COMPLY:

We operate in compliance with all legal and regulatory requirements.



ACHIEVE:

We strive to achieve our environmental sustainability and safety goals through focus and continual improvement.



RESPONSIBLE:

We take personal responsibility for our efforts and actions.



EDUCATE:

We aim to educate our employees and other stakeholders to respect the environment and serve as stewards.



CLEAN ENERGY NH
Your Voice in All Energy Matters

