



# Engineer-Procure-Construct 30 Years of Waste-to-Energy Success

(Town of Ashland-NH WTE Project Presentation)

# WE ARE

- Analysts
- Utility Engineers
- EPC Contractor
- Construction Managers
- Commissioning Agents
- Owners Engineer
- Controls

# LEADERSHIP



Terence Waldron, P.E.  
CEO



Jeremy Smith, P.E.  
Director of Business  
Development



John Sweet, P.E.  
President

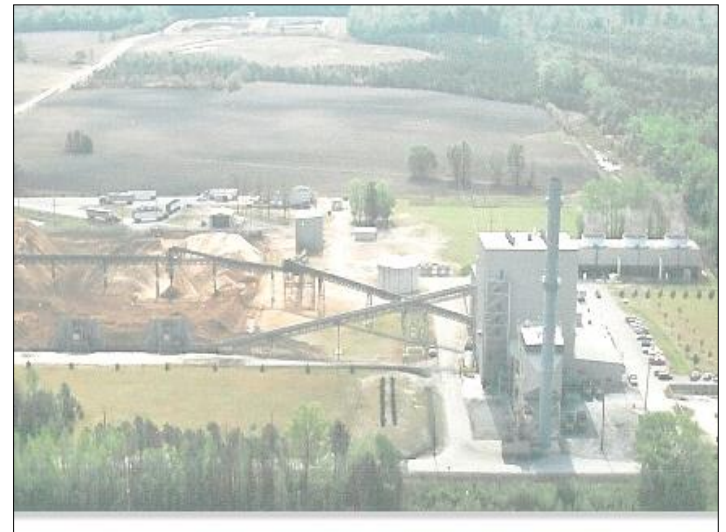


Grant Page  
VP of Construction

# BIOMASS PROJECT EXAMPLE

## Laidlaw Berlin Biomass Berlin, NH

- 75 MW Gross, 65.4 MW net Electric Generating Station
- Steam Flow 575,000 lb/yr, 925°F, 925 psig
- 750,000 tons/yr Wood Chips



# SUBSTATION PROJECT EXAMPLE

## LyondellBasell Microgrid Project Lake Charles, LA

- 15 MW Solar <sup>TM</sup>Titan 130 gas Turbine Generator
- 2 – 7.5 MW Rolls Royce Reciprocating Gas-Fired Engine Generators
- 160,000 pph Rentech HRSG
- Two 50,000 pph Package Boilers
- Remote Monitoring Control System
- New High-Voltage Electrical Distribution System
- Waldron Designed, Procured, Permitted, Constructed, and Commissioning the Plant
- Islanding
- Tie-in and Connection to Existing Operating Facility

lyondellbasell  
| | || |



# WASTE TO ENERGY PROJECT EXAMPLE

## Nashua WTE project

Nashua, NH

- Wastewater plant, digester gas project
- Produces electrical and hot water
- Partially funded by a grant from NH-DES



# WASTE TO ENERGY PROJECT EXAMPLE

## Lebanon WTE project Lebanon, NH

- Landfill gas to energy project
- Produces electrical power to grid
- Partially funded by a grant from NH-DES



# PROJECT SITE





# PROJECT SITE



Thank you for your time and attention!

Any Questions

