

Atlanta, GA. | April 22<sup>nd</sup>, 2013

## Bluewater Energy Solutions Awarded Startup and Commissioning Services for the Nippon Paper Industries USA, Port Angeles Biomass Project.

Project located in Port Angeles, WA and Bluewater Energy Solutions will provide Nippon Paper Industries USA startup and commissioning services.

Construction is under way on a new Biomass boiler with attached Co-Gen facility. When the new boiler and facility is completed the mill will be able to produce 20 Megawatts of certified renewable sourced electricity and provide steam to the paper mill.

## Project Highlights:

- 225,000 lb per hour inclined grate Biomass Boiler with Extended Combustion Zone
- 20 MW GE Extraction Condensing Turbine and Generator
- Advanced Environmental Control Technology
- Advanced Digital Process Measurement & Control
- Automated Fuel Receiving, Storage and Metering System
- Extremely High Thermal Efficiency (>68%)

## **About Bluewater Energy Solutions**

Bluewater Energy is a leading provider of startup and commissioning, plant operations and maintenance support, consulting, industrial cleaning and project management services specializing in gas turbine, coal, biomass and industrial markets. Started is 2003, Bluewater was established by a group of seasoned energy professionals in response to a growing need within the energy industry for a cost effective, safety minded, reliable service group. Our management team is comprised of industry experts who have attained the global experience, knowledge, financial depth and reputation for exceeding our client's expectations. With a wide variety of skill sets and expertise, we can quickly understand your needs and provide innovative solutions.

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