

FOR MORE INFORMATION

Alessandra Costa
Marketing & Communication Manager
press@turboden.it
Tel. +39 030.3552001

Maine Woods Pellet Co. chooses Turboden ORC Technology Instead of Traditional Steam

8 MWe biomass ORC system for the largest pellet manufacturer in Maine (USA)

Brescia, April 20th 2017 – **Turboden**, a group company of Mitsubishi Heavy Industries (MHI) and a leader in Organic Rankine Cycle (ORC) turbogenerators for distributed power generation employing renewable sources and waste heat, provides an ORC system to **Maine Woods Pellet**, a leading pellet manufacturer based in Athens, Maine (USA).

Turboden supplied a biomass ORC unit to produce 8 MWe, the largest biomass solution produced by Turboden nowadays.

The plant is successfully in operation since October 2016 and, has already outperformed the expected power output, producing 9 MWe.

Thanks to this solution, the customer utilizes wood waste from forestry operations (logging and sawmill residues) to generate electricity to be employed in its production process.

This cogeneration plant uses a novel combination of both exhaust and condenser heat to pre-dry the feedstock for the existing pellet plant, making this the first biomass project to fully qualify for Massachusetts Standard Class 1 regulations for Renewable Energy Credits (REC's).

Turboden, a Mitsubishi Heavy Industries company, is an Italian company and a global leader in the design, manufacture, and after-sales of Organic Rankine Cycle (ORC) turbogenerators, which harness heat to generate electric and thermal power from renewable sources, including biomass, geothermal and solar energy and waste heat from industrial processes, waste incinerators, engines or gas turbines. Turboden has more than 340 plants in 38 countries and offers turbogenerators from 200 kWe to 20 MWe. www.turboden.com

Maine Woods Pellet Co. owns and operates a state of the art wood pellet production facility in Athens Maine. The facility is situated on a 55 acre site that was developed solely to concentrate on the highly efficient production of wood pellet fuel. The raw materials come from sustainable woodlands that are owned and managed by our partners who are certified Master Loggers as well as clean wood chips and sawdust from a network of sawmills. www.mainewoodspelletco.com