

BIOMASS COGENERATION PROJECT

Client:

Private Equity Fund

Project Location:

Lyonsdale, New York

Capacity:

20 MW

Approximate

Installed Value:

\$Confidential



PCI provided the due diligence for the acquisition of a 20 MW biomass fueled, cogeneration project for a Private Equity Fund. The principals of PCI, under a previous working relationship, were responsible for the detailed engineering, design, construction and commissioning of the project, which burns a wide range of biomass fuels.

The scope of work included:

- Detailed inspection of existing facility
- Developed an alternative fuel supply strategy
- Evaluated the plant performance and identified additional performance improvement alternatives
- Compliance review of all regulatory permits
- Audit review of electrical interconnect and interconnect agreement
- Developed a detailed maintenance and repair plan including cost estimates for major repairs and replacements
- Developed an operation and maintenance plan including costs and staffing levels
- Developed detailed analysis of project economics
- Prepared project proforma indicating expected economic performance of the project

