

Evergreen Community Power – Power to the Mill, Power to the People

biomass boiler • energy • deregulation • power grid • CO emissions • landfills •



Challenge:

Spiraling utility costs combined with imminent federal government deregulation and environmental concerns were catalysts to find a cost-effective, sustainable energy solution to power United Corrstack paper mill in Reading, Pennsylvania.

Solution:

Interstate Resources created Evergreen Community Power, a massive \$140 million commitment to developing a solution. Evergreen Community Power creates “green” energy independence for the paper mill, reduces the load to local landfills, produces enough electricity to export energy to the regional PJM power grid and provides local jobs.

Carbon monoxide (CO) emissions produced by biomass combustion is 23 times less damaging than the methane emissions from landfills. Energy is produced from the steam turbine and burning organic materials, such as wood and agricultural waste.

This thermal- and emissions-efficient, environmentally friendly biomass boiler:

- Generates steam and electricity from renewable resources
- Uses 900 tons of biomass daily
- Generates 30 megawatts of electricity which was previously produced by a large utility using fossil fuels
- Removes 60 truckloads of biomass waste daily from landfills, including organic materials as wood construction debris and agricultural waste
- Reduces CO emissions from fossil fuel combustion
- Eliminates methane emissions by avoiding landfill disposal

Interstate Resources provides products made with green energy, helping customers with today’s sustainability concerns and carbon reduction accountability. Evergreen Community Power allows the paper mill to provide their Sustainable Forestry Initiative

(SFI) certified, 100% recycled corrugating medium at a very competitive price in a challenging category where product variant differentiators are significant.

Capabilities:

Evergreen Community Power – 900 tons of biomass and recycled wood products used daily to power the new boiler and steam turbine.

Interstate Resources . . . We Can.



Evergreen Community Power and United Corrstack are business units of Interstate Resources. Contact us at 703.243.3355 or info@InterstateResources.com.