



Erie Renewable Energy — Affordable electricity and community development through investment, innovation, social and environmental responsibility.

Who We Are

Erie Renewable Energy, LLC (ERE), an Erie-based company, is developing a renewable energy plant to generate electrical power from waste tires. The plant is expected to be operational by 2010, which is when electric rate caps in this part of Pennsylvania will expire.

ERE is a joint venture of Conservation Development Associates, LLC, owned by the McCormick and Rubino families of Erie and Caletta Renewable Energy, LLC of Canton, MA.

Caletta Renewable Energy has a track record of applying advanced technology to convert biomass and waste materials for energy generation. Caletta has developed energy plants across the United States which generate more than 300 MW of electricity annually.

Why Erie?

We looked at several sites throughout the region and state and determined that the former International Paper (IP) site was the ideal location for a power plant for two primary reasons.

We believe in Erie and want to see it grow. The plant will help replace other manufacturing facilities that have left Erie. When we learned about a company looking for sites to develop power plants, we knew that Erie would benefit from the economic boost such a project would bring.

New industry in Erie will replace the jobs lost when IP, Gunitite, GAF, Steris and others packed up and left.

The former IP site has existing infrastructure, including rail service and an electric substation, and excellent access to public utilities. Development of this site using Pennsylvania's Land Recycling program will improve the property and return an idle historic brownfield to productive, environmentally sound use.

Pa.'s tires-to-energy history

Using Tire Derived Fuel (TDF) to generate electricity is not a new concept. In fact, ERE will be the fifth facility in the state. The Environmental Protection Agency (EPA) has been studying TDF for 15 years at 80 sites across the country.

How much electricity will the plant produce and how?

The plant will produce 90 megawatts of electricity, enough to serve approximately 75,000 to 80,000 homes.

The plant will create energy by using a circulating fluidized bed boiler (CFB). The boiler system is a fully contained state-of-the-art technology for processing solid fuels suspended in a mixture of superheated air and sand, collectively called the fluid bed. CFB systems produce less than 1/10th of the emissions of coal fired plants.

Isn't that just more big words for being a tire incinerator?

No, this is a fully contained process. The ERE facility will not open-burn or incinerate tires. Instead, it will turn nuisance waste tires into a highly valuable fuel, use that fuel to generate affordable and

much needed power, and recycle or reuse residues in beneficial ways. In addition, the plant will be equipped with the best available control technology to reduce emissions.

Is there a benefit to this process?

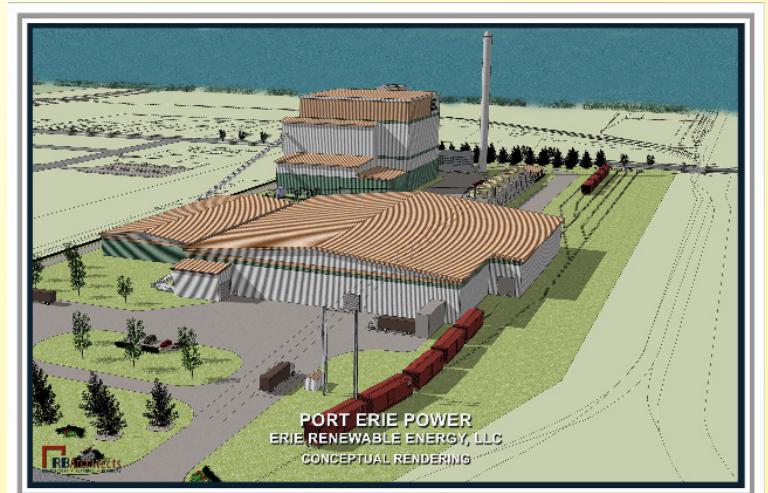
By addressing the waste tire problem in a responsible and beneficial manner, ERE will reduce and prevent massive stockpiles of waste tires that characteristically pose health and safety threats.

Although the ERE plant will provide the benefit of addressing our waste tire problem, the purpose of the plant is to generate electricity, not to simply dispose of waste tires. Metal from the tires will be recycled, and ash will be beneficially used in local operations.

Are waste tires a problem?

Yes, the EPA estimates that 290 million scrap tires are generated every year in the U.S., that equates to one waste tire for every person in the country.

Tires that are not beneficially re-used take up landfill space, or worse, are dumped in streams, fields, woodlands and other areas, causing both an environmental and public health threat.



This three-dimensional concept rendering shows the outside of the proposed plant, including freight rail access to the facility.

The Port Erie Power Plant will provide a productive, common-sense solution to the ongoing problems created by waste tires.



Tire pile at an illegal dump site.

Will there be smoke, smells and soot from the burning tires?

No, because CFB is an enclosed system that does not "burn" tires. Tires will be offloaded directly into the building for preparation, and the technology used at the plant is an enclosed system with the best emissions control technology to prevent any smells, soot or smoke.

This ad is the first in a series sponsored by ERE to better inform the local community about the proposed power plant.

For more information about Erie Renewable Energy, or to view a full list of most frequently asked questions, visit:

www.erierenewableenergy.com