

Farm to Flame Energy: The Universal Biomass Solution

Farm to Flame Energy (FTF) manufactures and distributes smokeless-odorless biomass generators that operate at half the cost of diesel. Diesel power is currently above \$0.30/kWh. That is over 3 times the grid price in many parts of the world. In the U.S., diesel is used increasingly in extreme weather events. These storm events are becoming very seasonal in recent years. FTF uses cellulosic-based feedstocks like sawdust, corn-stalk and more to generate this power.

Our generators fit in a mobile 20-foot CONNEX, to be distributed anywhere in the world. Our fuel processing procedure pulverizes feedstock to <104 microns and operates with a special combustion piece and design for a smokeless, odorless burn. We have been funded by the U.S. Environmental Protection Agency, the New Jersey Board of Public Utilities, and more organizations for the commercialization of our FTF Generator and Fuel Processing Station. Additionally, we partner with CleanTech Open Northeast, the Richard King Mellon Foundation, NYSERDA, and the **New York City Economic Development Corporation**

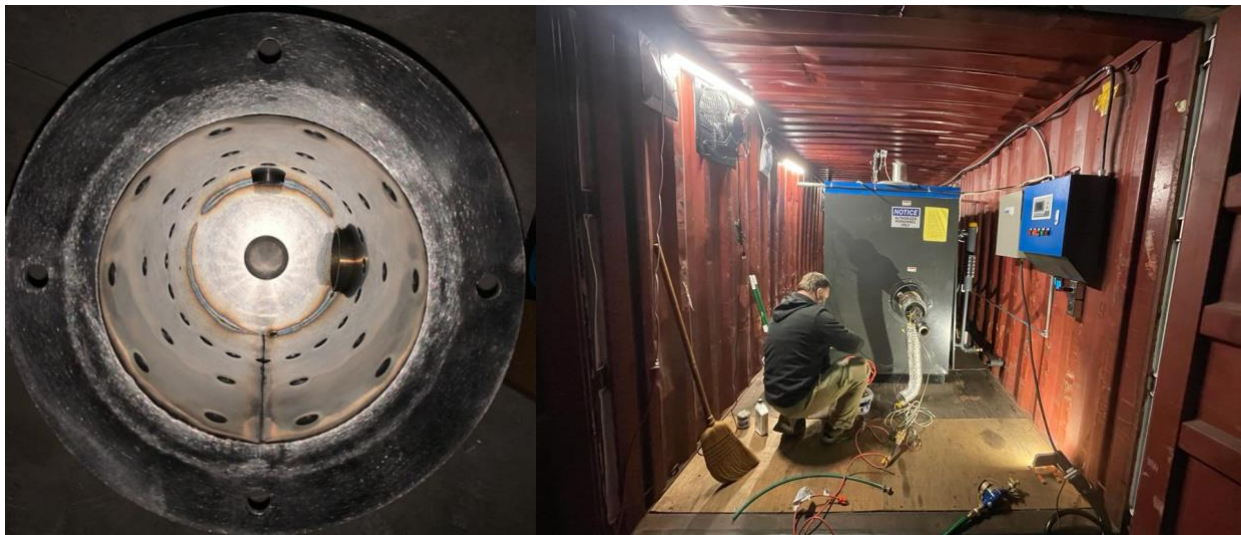


Figure 1: Smokeless Odorless Combustion Chamber and 30KWe Generator

We currently have a 30KW Generator on the market for \$0.14-\$0.21/kWh (half the cost of diesel). The customer enters a power purchase agreement and pays no capital cost on the \$75K generator. With profitable equipment financing models, we will help underserved communities (opportunity zones and areas below the poverty line) all over the Northeast U.S. to quickly adopt renewable electricity. We are currently manufacturing and distributing out of Pittsburgh, PA (Duquesne).

Our team consists of:

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Online Video Pitch:

<https://www.youtube.com/watch?v=RYvMapQLjE>

