Pyrolyzer™ System

www.geegreensolutions.com
General Information

• Patented pyrolysis gasification system
• Multiple feedstock options /multiple revenue streams
• 24/7 operation
• Very low emissions
• Meets California standards
• Performance Bond Guarantee
Localized Feedstock

25, 37.5, 75 and 150 ton per day units

Very small footprint. Ideal for urban areas.
Delivers solid economic options via local feedstock options.

Feedstock may be any carbon based materials: Wood, MSW, Biomass, Tires, Plastic, Auto Shredder Residue, E-Waste, etc.

U.S. opportunities vary by region.
The System uses only 18 – 22% of its Pyrogas to maintain Pyrolysis reaction depending on the energy content of the processed feedstock.
Core deliverable is Pyrogas™, a clean synthetic gas created in our pyrolysis process. The gas may be used to create electricity, steam, liquid fuels, individual component gas sales, or Pyrogas as a natural gas substitute.

Renewable energy credits vary by state.

Pyrogas has been accepted by Siemens and others for direct injection into their turbo machinery with full warranty.
## Revenue Streams - Part 2

<table>
<thead>
<tr>
<th>Feedstock</th>
<th>Revenue Producers</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSW</td>
<td>Pyrogas, tipping fees, metals</td>
</tr>
<tr>
<td>Tires</td>
<td>Pyrogas, tipping fees, carbon black, steel</td>
</tr>
<tr>
<td>Biomass</td>
<td>Pyrogas, biochar, charcoal, liquid fuels.</td>
</tr>
<tr>
<td>Wood</td>
<td>Pyrogas, liquid fuels, biochar &amp; charcoal</td>
</tr>
<tr>
<td>Plastic</td>
<td>Pyrogas, synthetic coke</td>
</tr>
<tr>
<td>E-Waste</td>
<td>Pyrogas, precious metals</td>
</tr>
<tr>
<td>Emission sales</td>
<td>Extremely attractive to greenhouses</td>
</tr>
</tbody>
</table>

Electric and tipping fees can vary greatly by area.
$3-4M per Mw, depending on building requirements, grid connection, etc.

**Income Examples:**

- .03Kwh = $750K
- .13Kwh = $3.2M

**Tipping fees – Example:** 65 tons of MSW required for a 37.5TPD system

- $30 per ton = $670K
- $90 per ton = $2M
Summary

Pyrolyzer™ System

- Highest efficiency
- Proven technology
- Vetted
- Greatest flexibility
- Grid friendly
- Performance Bond Guarantee
We Can Help...

Steve Jones
513-241-2228
steve@jaap-orr.com
www.geegreensolutions.com