Water Boiling Test (WBT) Result

Test Conducted: 10th January’2015

Prepared by,

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ICS Technical Specialist.
## Stove Details

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>Eco Stories (Apon Chulla)</td>
</tr>
<tr>
<td>Stove Height</td>
<td>10.5 inch</td>
</tr>
<tr>
<td>Weight</td>
<td>5.6Kg</td>
</tr>
<tr>
<td>Capacity</td>
<td>8-10 People</td>
</tr>
</tbody>
</table>
# Testing Method: Water Boiling Test (IWA-11)

<table>
<thead>
<tr>
<th>SL</th>
<th>Name of Stove</th>
<th>Fuel</th>
<th>Total fuel</th>
<th>Save fuel</th>
<th>Time</th>
<th>Total time</th>
<th>Save time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cold</td>
<td>Hot</td>
<td>Simmer</td>
<td>Cold</td>
<td>Hot</td>
<td>Simmer</td>
</tr>
<tr>
<td>01</td>
<td>Apon Chulla (Eco Stories)</td>
<td>490</td>
<td>436</td>
<td>442</td>
<td>1368</td>
<td>26</td>
<td>18</td>
</tr>
<tr>
<td>02</td>
<td>Traditional Stove</td>
<td>1039</td>
<td>961</td>
<td>1244</td>
<td>3244</td>
<td>36</td>
<td>32</td>
</tr>
</tbody>
</table>
Comparison between Traditional vs Improved Cookstove

**Efficiency (%)**

- Traditional Stove: 11%
- Apon Chulla: 30.5%

**Fuel (Kg)**

- Traditional Stove: 3.244 Kg
- Apon Chulla: 1.368 Kg

**Time (Mins)**

- Traditional Stove: 113 Mins
- Apon Chulla: 89 Mins

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**Result of Improved Cookstove**

- **Fuel Save**: 57%
- **Time Save**: 21%
- **Efficiency**: 30.5%
- **Tier**: 2 (IWA-11)
Questions?

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