# No-Load Cost

<table>
<thead>
<tr>
<th>Consensus Design Criteria (or)</th>
<th>Consensus Importance Level</th>
<th>March 2011 CDS Brainstormed Potential Component Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a Solution Requires a definition of No Load Cost</td>
<td>High</td>
<td>Heat input mmbtu/hour at the point of synchronization</td>
</tr>
<tr>
<td>1b Development of a preferred single method for calculation</td>
<td>High</td>
<td>For a CC, No Load fuel is the total of all the equipment operating (CTs online) No load is the sum of all the no loads for each of the CTs in that configuration</td>
</tr>
<tr>
<td>2 Create a clear procedure for calculation of No Load Cost</td>
<td>High</td>
<td>The no load cost is simply the constant term in the heat input formula.</td>
</tr>
<tr>
<td>3 The procedure needed to adjust No Load costs to create monotonically increasing curves must be maintained</td>
<td>High</td>
<td>Adjustments within specified constraints are acceptable</td>
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<td>The calculation procedure must be practical and use data, measurements, test results, etc. that is realistically available to the generator owner. Solution cannot require finer information granularity than physically exists.</td>
<td>Minimum number of points to develop a heat input curve (3 points as example)</td>
</tr>
<tr>
<td>Development of a clear calculation procedure so that the No Load that is calculated by the MMU &amp; market participant should be the same number</td>
<td>MMU should be able to verify calculation outside of standard/preferred method</td>
</tr>
<tr>
<td>All unit types defined in M15 addressed</td>
<td>As unit types are added to M15, no load will be addressed in the appropriate sections</td>
</tr>
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