



**Industrial Cogeneration Project Pre-Qualification Questionnaire**

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**General Information**

Company Name:								
Facility Name:								
Facility Location (Street, City, State, Zip):								
Company/Facility Contact Person: Name: Position: Address: Tel: Email:								
Types of Industrial/Plant Loads (check all that apply): <table style="width:100%; border:none;"> <tr> <td style="width:25%;">Electric Power</td> <td style="width:25%;">Hot Water</td> <td style="width:25%;">Furnace</td> <td style="width:25%;">Other</td> </tr> <tr> <td>Steam</td> <td>Chilled Water</td> <td>Boiler</td> <td></td> </tr> </table>	Electric Power	Hot Water	Furnace	Other	Steam	Chilled Water	Boiler	
Electric Power	Hot Water	Furnace	Other					
Steam	Chilled Water	Boiler						
Are you currently using an on-site boiler for steam generation? What is its fuel supply type? Yes      No								
Plant Peaking Demand & Load Factor (i.e. 10 hrs/day @ 80% load, 14 hrs/day @ 50% load): <ul style="list-style-type: none"> <li>• What is your peak electric load demand (100% load)? _____ kW</li> <li>• What is your peak steam load demand (100% load)? _____ pph/kg</li> <li>• What is your peak natural gas load demand (100% load)? _____ MMBtu/hr or scf/hr</li> <li>• What is your peak diesel/fuel oil load demand (100% load)? _____ USgph/lph</li> <li>• Weeks per year:</li> <li>• Days per week:</li> <li>• Hours per day:</li> </ul>								

**Energy Characterization**

How much natural gas and/or fuel oil does your plant use (MMBtu/scf/gallons per month/year)?
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Is your plant charged for both real (kW) and reactive power (kVA)?	
How much electricity does your plant use (kWh per month/year)?	
How much water does your plant use for steam or hot/chilled water (gallons per month/year)?	
What are the steam or water conditions required for your process and/or boiler? <ul style="list-style-type: none"> <li>• Steam             <ul style="list-style-type: none"> <li>○ Pressure(s) <sup>1</sup> (psig):</li> <li>○ Temperature (deg F):</li> <li>○ Mass/Volume Flow (lbs/hr):</li> <li>○ Is steam saturated or superheated?</li> </ul> </li> <li>• Water             <ul style="list-style-type: none"> <li>○ What is your water source type and is it treated onsite (select one)?</li> <li>○ Mass/Volume Flow (gpm):</li> <li>○ Do you currently have any return or re-circulated water to the boiler after the process? If yes, what quantity?</li> </ul> </li> </ul>	
Natural Gas Cost:	USD/cCF
Electricity Capacity (Demand) Charge:	USD/kW
Electric Tolling Charge:	USD/kWh
Water Cost:	USD/1000 gallons

### Other Facility Questions

Is there a gas supply line nearby? Yes                  No	What size and pressure is the line?	Where is it located?
What is the electrical interconnect/distribution voltage and frequency (50/60Hz) at your facility? 60 Hz                  50 Hz		Where is it located?
How much physical space is available for a cogeneration plant? Indoor or Outdoor? Indoor                  Outdoor		Where is it located?
What, if any, are the limitations on existing emissions permits?		
What is the motivation for interest in a cogeneration project?		
If initial indicators are positive, would you be willing to remunerate a feasibility study using advanced software to evaluate the performance/ROI of a cogeneration project at your site? Please comment. Yes                  No		

<sup>1</sup> Indicate here if there are multiple steam pressures supplied to the process as may be the case with a multistage boiler.