



**MAVEN POWER**<sub>LLC</sub>  
POWER GENERATION EXPERTS

**Industrial Cogeneration Project Pre-Qualification Questionnaire**

Maven Power, LLC  
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**General Information**

|   |
|---|
| Company Name:   |
| Facility Name:  |
| Facility Location (Street, City, State, Zip):   |
| Company/Facility Contact Person:<br>Name:<br>Position:<br>Address:<br>Tel:<br>Email:  |
| Types of Industrial/Plant Loads (check all that apply):<br>Electric Power      Hot Water      Furnace      Other<br>Steam      Chilled Water      Boiler  |
| Are you currently using an on-site boiler for steam generation? What is its fuel supply type?<br>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</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)? _____ USgal/hr</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)? |
|--|

|   |                  |
|---|------------------|
| 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?<br>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?<br>60 Hz                  50 Hz  |                                     | Where is it located? |
| How much physical space is available for a cogeneration plant? Indoor or Outdoor?<br>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.<br>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.