



Go Green. Get Ahead.

Site Survey Form - CHP & CCHP Nat Gas

Note	This document is used to aid Verde Solutions with preliminary design of potential projects. It will help Verde Solutions to better understand the intended application of the MicroTurbine, as well as how the MicroTurbine will be installed.
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Project Name				
Company Name				
Primary Contact	Contact Name:		Phone No.:	
	Email Address:		Fax No.:	
Technical Contact	Contact Name:		Phone No.:	
	Email Address:		Fax No.:	
Project Location	City:			
	State / Province:			

General

Project Timeline

Building Use -

Is project New Construction or Retrofit?

Approximate Building(s) Size SqFt

Motivation

Electrical

Utility

If other please specify

Est Average (kW)	
Base Load (kW)	
Peak Load (kW)	
Avg Mo. Usage (kWh)	

Does Building Have Multiple Meters?	
Yes	No

Service Size (Amps) A

Service Voltage

Does Facility Have Use for Standby Power in the event of a utility failure?

If Yes, what is the approximate load to be served by the Turbine(s) in a utility failure?

Existing Genset? If yes, What size?

Thermal Load - Heating

Length of Average Heating Season (months)

Is there Natural Gas to the Site? What Fuel is Available?

Please list heating sources separately:

Type	Fuel/Energy Source	Size	Use	Eff %

Are you Using Re-Heat Coils?

If you selected Steam as your primary heating method, please complete the following section:

<u>Primary Steam System</u>	Average	Minimum
Steam Production (lbs/hour)		
Pressure of Steam (psig)		
Temp of Steam or Enthalpy		
City Makeup (gal/hour)		
City Makeup Temp (F)		
Condensate RT (lbs/hrs)		
Condensate RT Temp (F)		
Condensate RT Percent (%)		

Please use additional sheet for multiple systems/boilers

Does City Makeup enter directly into DA tank?

How is the DA tank heated?

Thermal Load - Cooling

Length of Average Cooling Season (months)

Is there an existing chilled water loop?

Does facility have a 2 pipe or 4 pipe system?

Please list cooling sources separately:

Type

Rejection Type

Size

Use

COP

Estimated Average Cooling Load

Notes:

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