

<< **CONCENTRIC APPLICATION QUESTIONNAIRE** >>



"Representing The Future of Energy, Food, Air and Water For The Whole World"™

To accelerate the development of our 'Technical & Economic ProForma' used in vetting out any Project, please fill in the applicable blanks below (Complete All That Apply):

Name of Organization:

Name of Person(s):

Contact (telephone / e-mail):

Project Location:

City, State/Province, Country

Project Elevation (feet or meters Above Sea Level): _____

< The 7Os on The 7Cs >

{"The Seven Optimizations on The Seven Continents"TM}

sustainableENERGYTM



**"Qualify
and
Quantify"**



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[] HELIX

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coalZERO®

* Coal Grade: [] Anthracite, [] Bituminous, [] Lignite

* Coal Heating Value (btu/lbm or kJ/kg, HHV)

* _____

* [] New Plant or [] Renovation ?

* Fuel Consumption (TN/day or Tonne/day)

* Fuel Cost (\$ per TN or equivalent)

* Nominal Power Generation (MW) _____

* Power Purchase Agreement (PPA) Terms:

Capacity (\$ per kW-month) _____

+

Energy (\$ per MW-hr) _____

* Other Specifications:

[] Sylvan Xylem

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Woody Biomass

* Woody Biomass Source (Tree or Waste Species):

* _____

* Wood Heating Value (btu/lbm or kJ/kg, HHV)

* [] New Plant or [] Renovation ?

* Fuel Consumption (TN/day or Tonne/day)

* Fuel Cost (\$ per TN or equivalent) _____

* Nominal Power Generation (kW) _____

* Power Purchase Agreement (PPA) Terms:

Capacity (\$ per kW-month) _____

Energy (\$ per MW-hr) _____

* Other Specifications:

[] L.I.G.H.T.

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Loop Isolated Geothermal Heat Transfer

Please provide geotechnical reports, if any:

* **LIDAR Survey**

* **CAT (Computerized Axial Tomography) Survey**

[] **Bushnell Scientific**

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Combined Heat, Power & Cooling
ultraCHPC™

* Fuel: [] Natural Gas, [] Diesel, [] Propane, [] Other: _____

* Fuel Heating Value:

Gaseous (btu/SCF or kJ/Nm³, LHV): _____

Liquid (btu/gall or kJ/L): _____

* [] New Plant or [] Renovation ?

* Typical Operating Hours (e.g. 8000 hours/year) _____

* Current Fuel Consumption:

[] gaseous: SCF/month or Nm³/month _____

[.] liquid: gall or L per month): _____

* Fuel Supplier: _____

* Fuel Cost (gaseous: \$/btu or \$/kJ, liquid: \$/gall or \$/L):

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* Thermal Energy Form (e.g. Steam, Hot Water, Chilled Water), Include Temperature + Pressure + Flow Rate / Drawings and Data Files /:

Provide Utility Bills and/or:

* Nominal Electric Power Demand (kW) _____

Time of Use Specifications (e.g. 24 x 7 x 6) _____

* Electric Utility: _____

Current Purchase Rate or Rate Schedule: _____

FERC QF Utility Rate Schedule: _____

(US Federal Energy Regulatory Commission - Qualifying Facility)

* Other Specifications: _____

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[] **stewardSMITH®**

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soilSMITH® + energySMITH® + waterSMITH® + airSMITH®

* **Livestock Species (e.g. Holstein Cows, Jersey Cows, Goats, Camels, Chickens):**

* **Herd Size:**

Milkers _____ + Dry _____ + Young Stock _____

* **Nominal Milk Yield (CWH/day per Animal)_____**

* **Milk Buyer: _____**

* **Nominal Waste Production (lbm per day per Animal):**

* **Current Manure Metrics:**

Collection Method (Scrape or Flush) _____

Disposal Method (Fertilizer Sales, Irrigation from Lagoon ...)

* **Electric Utility: _____**

* **Electric Usage (kW-hr / month and Rate, \$/kW-hr):**

* **Other Specifications:**

[] ATLAS

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* Scrap Tire Incoming Supply Metrics:

Passenger Tires per Year _____

OTR Tires per Year _____

* Current Distribution Metrics (Count or Percentage)

Tires per Year redistributed as Usable _____

Tires per Year shredded/recycled for turf/parks _____

Tires per Year Landfilled _____

* Tipping Fees Received:

Per Passenger Tire _____

Per OTR Tire _____

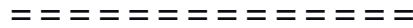
for Shredded Material _____

* Landfill Disposal Cost (per tire or per ton) _____

* Electric Utility: _____

* Other Specifications: _____

<< **CONCENTRIC APPLICATION QUESTIONNAIRE** >>



NO WASTE WASTED™

* Garbage (MSW) Incoming Supply Metrics:

Tons or Tonnes per Day _____

* Tipping Fees Received:

Per Ton or Tonne _____

* Landfill Disposal Cost

(per ton or tonne) _____

* Sewage/Septage Incoming Supply Metrics:

gallons or Liters per Day _____

* Tipping Fees Received:

Per gall or L _____

* WWTP Operating Cost

(per gall or L) _____

* Electric Utility: _____

* Other Specifications: _____