

Biomass Power Plant Designing Data Questionary

Please, It is very important to submit in details the data and background to enable us prepare a reliable proposal. Please answer and fill out the questions, do your best, it will help to give you the best cost/effective proposal according your needs.

PLEASE E MAIL THIS DOCUMENT THEREAFTER TO : SALES@BIOMASSGASIFIER.COM

Please make **X** at the proper place.

Site place:

Address & location of the power plant:

City :

Nearest port, roads, trains, launch, (inland transportation fee):

Country (for sea freight fee) :

Local language:

Working language:

Availability type of biomass:

(e.g.: rice husk, straw, paddy waste, wood chips, waste wood, sugar cane bagasse, saw dust, green woods prune, etc.)

Availability quantity biomass : _____Tons/day
_____Tons/month
_____Tons/year

Is there any specification of the available biomass: YES _____ or No _____

If yes, please specify: _____Kcal/Kg, chemicals, etc. _____

Is the biomass is free for you: YES _____ or No _____

If no, what is the price for one ton: _____ USD/Ton

Transportation cost of the raw material to the site: _____ USD/Ton

Moisture content of the biomass: _____%

(we need biomass moisture content -less than 20%, if no, we shall provide drying unit)

What is the size of the biomass: _____cm

(we need it near 1 - 2cm), if no, we shall provide shredders.

Do you have storage place for the raw material (1.5 – 1.9Kg per 1 KWh): YES _____ or No _____

Electric power:

Do you want electric power only: YES _____ or No _____

Do you need electric power and thermal power same time?: YES _____ or No _____

(e.g.: steam, hot water, hot air, etc., if yes how much? _____Tons/hour)

Your currently power needs (self consumption): _____KW or _____KVA

Your main grid voltage: _____ Volt, Hz : _____

Source of your current electricity power?, is it of the mains grid?, by diesel generators?
or CNG/LNG generators? _____

if it is of mains grid, what is the price per one 1 KWh: _____USD/KWh

if it is of generators, what is the price per one 1 KWh: _____USD/KWh

What is your power peak load demand: _____KW or _____KVA

Do you intend to export power to the grid: YES _____ or No _____

if yes, how much you will get per 1 kwh t: _____USD/KWh

Do you need switch-gear or synchronization units: YES _____ or No _____

Do you need a power transformer: YES _____ or No _____

What is the produced power out-put you want/need to export: _____KW or _____KVA

How many hours do you want it running: _____ Hours/day _____ Days/year

General:

Is there a river or lake next to your designed site: YES _____ or No _____

Any residential houses near the proposed site: YES _____ or No _____

Any sensitive building or items near site: YES _____ or No _____

Can you provide us a site layout plan for reference designs?

Thanks for your cooperation, it will let us give you more professional & reliable offer.

IMPORTANT NOTE:

Do not hesitate to attach any drawings, specification sheet of any any equipment or areas that you may want to add.

It is always better to have clear picture laid out for the FINANCIAL ARRANGEMENT THAT YOU MAY HAVE COME UP WITH FOR YOUR REQUIREMENTS, AS IN 30% OF THE CASES PROJECT DELAYS ARE DUE TO NON ARRANGEMENT OF FINANCE