**Questionnaire about Biomass Gasifier**

1. Feedstock you used for gasifier, for example, wood pellet, sawdust, wood powder, wood chip,etc:

Feedstock size mm, and moisture %

Please provide fuel industrial analysis report if you have (such as caloric value, volatile matter, fixed carbon and ash content, ash fusion point.) ：

1. Is it a new project or a modification of existing equipment?
2. Usage of biomass gasifier: to supply heating source for boiler or dryer or other purpose?

1. **If used for boiler,** what’s type of boiler ? Steam boiler? Oil/Natural gas boiler or coal-fired boiler ? Hot water boiler? Thermal oil furnace? Organic heat carrier boiler? Or other boiler ?

What’s the boiler steam working pressure ?

What’s the steam temperature ?

What’s the capacity of the boiler ?Or the power of your boiler is (Kcal/ MW) ?

Available area for biomass gasifier?

What is the size of your boiler room ?

1. **If used for dryer**, what’s the required heating value? Kcal/hr

and the temperature of hot air for your dryer ?

1. What fuel are you burning currently for your existing equipment, oil, natural gas or coal ? and the fule consumption is (kg/hour)? How much is the fuel cost (kg/usd) ?

1. Do you have dust removal equipments for your exitsing equipment ? Such as multi-cyclone, bag filter, induced draft fan ? And the capacity of your induced draft fan is ?

1. How many hours operation per day? 24/7 hours operation or 8 hours per day?
2. Local industrial electricity power supply system:

Voltage: ; Frequency: Hz Phase:

1. Project construction site address.:

Average relative humidity Altitude: Average temperature: ℃

Highest temperature and months ℃

Lowest temperature and months ℃

Downtown or Suburb or Outer suburb?

1. Purchasing price of biomass fuel material (USD/ton):
2. Do you have crushing equipment which can make feedstock length or diameter less than 30mm (to cut big size into small size)?
3. Do you have dryer which can make the feedstock moisture content less than 15%?

1. Any additional information about your project, such as, when is this project scheduled to be set up or installed? **Are you the end user(buyer) or agent for this project?**

1. May I know how you would like to finance your project? At your own expenses or bank loan? Normally, how long will it take for your bank to release the fund after you submit all the documents for approval? Please advise,thanks!

1. Do you have a simple plan for biomass gasification project? Can you share it with us?

1. Information about your company:

Company name/address:

Website:

Email:

Tel:

Contact person:

Business scope: