**Questionnaire about MSW Gasification**

**Power Generation**

1. Feedstock you used for gasification power plant ?

Feedstock size mm, and moisture % Daily supply quantity:

In case of garbage, please provide type and morphological composition of feedstock (such as percentage of plastic, textile, food waste, etc) :

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

1. Available area for waste gasification power plant :
2. Constructions description within 500 meters radius around power plant (School? Hospital? Residential area…?)
3. Distance to outer power supply: meters,

Local industrial electricity power supply system:

Voltage: ; Frequency: Hz ; Phase:

1. What is the waste disposal capacity of the project? Annual running time?

Usage of generated electricity (for own needs or for transmission in the grid and sell it commercially?)

1. How many KWh electricity you need per hour ?

24/7 hours operation or 8 hours per day?

Besides power generation, do you have any other specific requirement for this system? Such as require hot water or steam ?

1. We suggest that the MSW should be sorted first. The particle size should be less than 100mm and the moisture content should be less than 30%. If your raw materials can not meet this requirement, do you have crushing equipment which can make feedstock length or diameter less than 100mm (to cut big size into small size)?

Do you have dryer which can make the feedstock moisture content less than 30%?

Is there waste sorting equipment on site?

1. Project construction site address.:

Average relative humidity Altitude: meters,

Average temperature ℃

Highest temperature and months ℃

Lowest temperature and months ℃

Downtown or Suburb or Outer suburb?

1. Local electricity rate for industrial use (USD/KWh) ?
2. Local purchasing price of garbage fuel material (USD/ton)?
3. Local exhaust emission standards for garbage ?
4. Have you obtained the approval of the government and PPA for the project?

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. If you have a preliminary plan for the waste gasification power plant, could you please share it with us, thank you.

1. Information about your company:

Company name/address:

Website:

Email:

Tel:

Contact person:

Business scope: