

Biogas Power Plant - Questionnaire for the customer

Date:
Project Nbr.:

to create a profitability forecast, energy forecast, a plant “face” and a non-binding cost calculation the Alensys Engineering GmbH needs the main characteristics and performance of their operation. To discuss results, we will contact you.
Please send this filled out questionnaire to the following addresses (scan or fax). If there is any question, please give us a call:

Name:	E-mail:
	Fax:
Name:	E-mail:
	Fax:
Name: Mathias Uslar	Email: m.uslar@alensys.de
	Fax: -
Name: Tobias Burgstaller	Email: t.burgstaller@alensys.de
	Fax: +49 (0) 3362 88 59 - 152 or - 150

Clients Data

Company:	_____		
CEO:	_____		
Shareholder:	_____		
Name:	_____	Phone:	_____
Address:	_____	Fax:	_____
	_____	Mobile:	_____
City:	_____	E-mail:	_____
Country:	_____	Web:	_____
ZIP, Postal:	_____	Skype®:	_____
Contact Person:	_____		

Notes 1

Planned Plant Location

Address: _____

City: _____
Country: _____
ZIP, Postal: _____
Parcel Nbr.: _____
District: _____

Area: _____ [m²]
Basic dimensions: _____ [m x m]

Special features: _____

Water protection area: [] Yes [] No
Nature reserve area: [] Yes [] No
Conservation: [] Yes [] No

Current use: _____

Sketch & Notes

Input Materials (solid)

<p>Mass: [tons/year] Name of material: _____</p> <p>1. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>	<p>Mass: [tons/year] Name of material: _____</p> <p>4. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>
<p>2. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>	<p>5. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>
<p>3. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>	<p>6. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>

Input Materials (liquid)

<p>Mass: [m³/year] Name of material: _____</p> <p>1. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>	<p>Mass: [m³/year] Name of material: _____</p> <p>4. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>
<p>2. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>	<p>5. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>
<p>3. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>	<p>6. _____</p> <p>Availability: [<input type="checkbox"/>] const. [<input type="checkbox"/>] swing Lab Test: [<input type="checkbox"/>] Yes [<input type="checkbox"/>] No</p>

Previous Heat Demand

Total consumption: _____ [kWh/year]

One day loop: _____ [kWh/1st quat.] 0:00 – 6:00am
 _____ [kWh/2nd quat.] 7:00 – 12:00am
 _____ [kWh/3rd quat.] 13:00 – 18:00am
 _____ [kWh/4th quat.] 19:00 – 0:00am

One year loop: _____ [kWh/month] January
 _____ [kWh/month] February
 _____ [kWh/month] March
 _____ [kWh/month] April
 _____ [kWh/month] May
 _____ [kWh/month] June
 _____ [kWh/month] July
 _____ [kWh/month] August
 _____ [kWh/month] September
 _____ [kWh/month] October
 _____ [kWh/month] November
 _____ [kWh/month] December

Current supply (Previous heat production)

Produced by: _____ [Unit/year] Coal, CNG, ...
 Price per unit: _____ [EURO/unit]
 Price per year: _____ [EURO/year]
 Supplier: _____ Name of the company

Steam: [] Yes [] No

_____ [%]
 _____ [°C]
 _____ [kg/hour] max. Flow

Hot Water: [] Yes [] No

_____ [%]
 _____ [°C]
 _____ [m³/hour] max. Flow

Existing Components

Natural Gas Boiler:	[] Yes	[] No	_____	[kW]
Connection to natural gas grid:	[] Yes	[] No	_____	
Tanks for Natural Gas:	[] Yes	[] No	_____	[m ³] (sum)
Boiler:	[] Yes	[] No	_____	[kW]
Water wells:	[] Yes	[] No	_____	[m ³] (max.)
Transformer Station:	[] Yes	[] No	_____	[kVA]

Previous Electricity Consumption

Total Consumption: _____ [kWh/year]

One day loop:

_____	[kWh/1 st quat.]	0:00 – 6:00am
_____	[kWh/2 nd quat.]	7:00 – 12:00am
_____	[kWh/3 rd quat.]	13:00 – 18:00am
_____	[kWh/4 th quat.]	19:00 – 0:00am

Current Supply (Previous electricity production)

Produced by: _____ [Unit/year] Diesel, grid, ...

Price per unit: _____ [EURO/unit]

Price per year: _____ [EURO/year]

Supplier: _____ Name of the company

Power Cuts during a year: _____ [-]

Notes 2
