

Project: Energy production by biomass plant



Object description:

The use of energy is one of the most basic needs of man. Unfortunately, commercial energy production has still been and continues to be radically driven without thinking about the consequences for humans or the environment.

But slowly now a rethinking takes place. Nowadays it is increasingly searched for new alternative sources of energy. Ultimately, politics is required to act.

The biomass plant is absolutely in line with the growing spirit of the times - the transformation of *organic biomass to energy*.

The system supplies itself independently with electricity and is not dependent on external energy sources.

Locations: The biomass plant is suitable for the EU and Germany. In the early days, it is to be developed primarily in Mecklenburg-Vorpommern, Thuringia and Saxony.

Already held conversations showed a strong interest of the responsible regional governments. In addition, the following points speak for the location:

- Attractive grants from the regional communities
- Tax benefits
- Qualified skilled workers from the region
- Cheap land prices
- Biomass raw material from the region
- Long-term contracts with electricity buyers

The construction period of a plant is about 4-6 months.

Only about 10 employees are needed to operate one system.

The TÜV takes over the acceptance of the system and performs regular inspections.

Energy production by biomass plant

Costs:

Total investment costs: 9.396.000 €

The gross sales proceeds amount to at least 2,3 million euros per year

The anticipated net proceeds amount to € 1,956,000 per year

The operating costs amount to about 360,000 € p.a.

Sales proceeds:

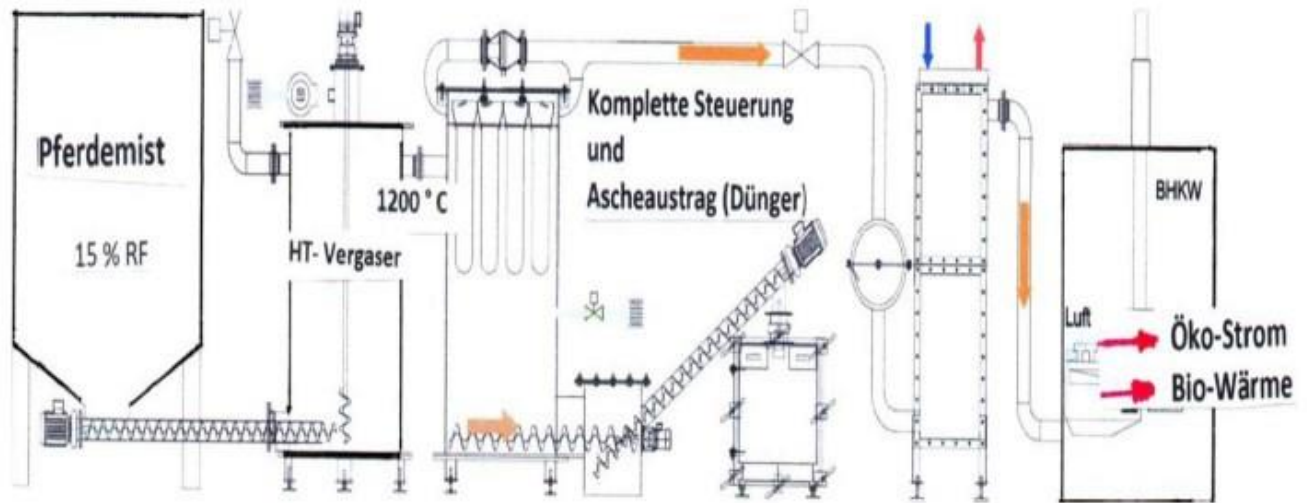
12.000.000 KW/electro energy 1.416.000 - 0.118 Price/KWh

18.000.000 KW / termal energy 900.000 – 0.05 Price/KWh

Calculation example 1

Year	Debt Level Previous Year	Payment	Interest	Re-Payment	Debt Level End of Year
1	9.396.000,00	845.086,58	375.840,00	469.246,58	8.926.753,42
2	8.926.753,42	845.086,58	357.070,14	488.016,44	8.438.736,98
3	8.438.736,98	845.086,58	337.549,48	507.537,10	7.931.199,88
4	7.931.199,88	845.086,58	317.248,00	527.838,58	7.403.361,29
5	7.403.361,29	845.086,58	296.134,45	548.952,13	6.854.409,17
6	6.854.409,17	845.086,58	274.176,37	570.910,21	6.283.498,96
7	6.283.498,96	845.086,58	251.339,96	593.746,62	5.689.752,33
8	5.689.752,33	845.086,58	227.590,09	617.496,49	5.072.255,85
9	5.072.255,85	845.086,58	202.890,23	642.196,35	4.430.059,50
10	4.430.059,50	845.086,58	177.202,38	667.884,20	3.762.175,30
11	3.762.175,30	845.086,58	150.487,01	694.599,57	3.067.575,74
12	3.067.575,74	845.086,58	122.703,03	722.383,55	2.345.192,19
13	2.345.192,19	845.086,58	93.807,69	751.278,89	1.593.913,30
14	1.593.913,30	845.086,58	63.756,53	781.330,05	812.583,25
15	812.583,25	845.086,58	32.503,33	812.583,25	0,00
Gross Amounts	9.396.000,00	12.676.298,69	3.280.298,69	9.396.000,00	0,00

Floor plan biomass plant:



Subsuming it is to be noted that the biomass plant is a long-term, interesting and timely investment.

For further information and details, please contact our management.