

Anchor Budget, Manure-Straw Plant with ref. to Business Plan BP 01-1e

Budget, Investment	DKK
Common Facilities	
1500 m ² Parking and planting	500.000
2.500 m ² Paved factory roads	1.000.000
Administration 200 m ² on two floors including IT, furniture	5.400.000
Sulfur treatment	3.000.000
Connecting to 40 bar gas networks	11.700.000
Steam boiler with 20 m chimney	3.000.000
Heat exchange of the substrate	3.000.000
Control and Electrical works	3.000.000
Earth works, erection, supervision, architect, engineer, etc. open account.	10.000.000
Interim interest	4.000.000
Total	44.600.000
Gasworks	
Casting of foundations for 12 reactors Ø22 m + 3 tanks Ø18 m excl. earthmoving	6.500.000
Reception hall for waste 1000 m ²	2.200.000
Briquetting plant for straw	15.000.000
12 reactors á net 5,000 m ³ + 3 tanks of net 2,500 m ³	60.000.000
Upgrade Installations	12.300.000
Sum	96.000.000
Share of joint facilities	22.300.000
Total incl. share of joint facilities.	118.300.000
Methanol Works	
Factory building 16 mx 19 m (Most equipment is in the open air)	500.000
Synthesis and distillation systems for bio-methanol	114.300.000
Remote storage	5.000.000
Total	119.800.000
Share of joint facilities	22.300.000
Total incl. share of joint facilities.	142.100.000
Gasworks and methanol works total	260.400.000

Budget Operation	MDKK
Internal transfer pricing, Methane DKK/Nm ³	1,6
Internal transfer pricing, Heat energy DKK/MWh	200,0
Common expenses	
Staff incl. management	7,1
Administration	1,1
Utilities	1,0
Total costs	9,2



Budget Operation	MDKK
Gasworks	
Feedstock (Straw)	14,6
Feedstock transportation, DKK 25/t	6,6
Maintenance, 3 % of investment	3,5
Electricity	1,8
<i>Substrate Heating 14.400 MWh</i>	<i>2,9</i>
<i>Amine Heating 10.000 MWh</i>	<i>2,0</i>
Depreciation, linear over 20 year's	5,9
Share of joint facilities	4,6
Total costs	42,0
Methanol works	
Maintenance, 3% of Investment	4,3
Electricity	3,9
<i>Methane, 9 million Nm³</i>	<i>14,3</i>
Depreciation, linear over 20 year's	7,1
Share of joint facilities	4,6
Total costs	34,1
Budget Turnover	
Gasworks	
Biogas, 1 million Nm ³ methane	2,2
Biogas Upgrading Remuneration, 1 million Nm ³	4,1
<i>Methane, 9 million Nm³</i>	<i>14,3</i>
Biogas Upgrading Remuneration 9 million Nm ³	36,6
Turnover	57,2
Gross profit	15,2
IRR%	13%
Methanol works	
Methanol sales, 4,75 DKK/l	47,5
<i>Substrate Heating 14.400 MWh</i>	<i>2,9</i>
<i>Amine Heating 10.000 MWh</i>	<i>2,0</i>
District Heating 11.600 MWh	0,0
Turnover	52,4
Gross profit	18,3
IRR%	13%

A simplified break down of the anchor budget, business plan Farmers Gasoline BP 01-1e is made possible by applying a distribution key (50:50) and internal transfer pricing. A sale of district heating is set to zero to bring IRR% in agreement with BP 01-1e.

Breaking up has no relevance to the construction and operating costs for standalone installations.

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