

Two CHPs on fixed tariffs

This example illustrates a cogeneration plant selling and buying its electricity on a fixed tariff market
1 GBP is approx. equal to 1.5 EUR.

Cash Flow, monthly

Calculated Period: 01-2011 - 12-2011
(All amounts in GBP)

	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Revenues													
Sale of heat	300.000	44.356	39.083	38.279	30.537	23.605	4.932	5.096	5.096	13.825	22.503	32.519	40.169
Sale of electricity													
Day	465.900	44.400	33.600	55.200	46.300	44.000	21.400	21.400	22.300	32.000	40.300	52.200	52.800
Night	151.970	33.040	20.720	20.860	15.680	9.030	0	0	0	4.340	9.660	14.770	23.870
Sale of electricity Total	617.870	77.440	54.320	76.060	61.980	53.030	21.400	21.400	22.300	36.340	49.960	66.970	76.670
Total Revenues	917.870	121.796	93.403	114.339	92.517	76.635	26.332	26.496	27.396	50.165	72.463	99.489	116.839
Operating Expenditures													
Fuel costs													
Natural gas	664.810	90.216	68.658	81.415	65.790	54.499	20.493	20.493	21.355	36.600	51.828	70.228	83.232
Climate change levy	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel costs Total	664.810	90.216	68.658	81.415	65.790	54.499	20.493	20.493	21.355	36.600	51.828	70.228	83.232
Operation&Maint.													
Engine 1	47.940	4.900	4.340	5.740	4.760	3.930	2.140	2.090	2.230	3.260	3.900	4.750	5.900
Engine 2	20.360	4.260	1.980	2.760	2.110	1.760	0	50	0	560	1.510	2.580	2.790
Boilers	281	65	213	0	0	0	0	0	0	0	1	1	0
Operation&Maint. Total	68.581	9.225	6.533	8.500	6.870	5.690	2.140	2.140	2.230	3.820	5.411	7.331	8.690
Electricity purchase													
Day	0	0	0	0	0	0	0	0	0	0	0	0	0
Night	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity purchase Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Operating Expenditures	733.391	99.442	75.191	89.916	72.660	60.190	22.633	22.633	23.585	40.421	57.239	77.559	91.923
Net Cash from Operation	184.479	22.355	18.212	24.424	19.857	16.445	3.698	3.862	3.811	9.744	15.224	21.930	24.916
Cash Account	184.479	22.355	40.567	64.991	84.848	101.293	104.991	108.854	112.665	122.409	137.633	159.563	184.479