

Two CHPs on fixed tariffs, balance sheets and income statements

This example illustrates a cogeneration plant selling and buying its electricity on a fixed tariff market with income statements and balance sheets for a 15 years period.

Income Statement from January 1, 2011 to December 31, 2011**(All amounts in GBP)**

Revenues							
Sale of heat	:	12.000,0 MWh	at	25,0*	=	300.000	
Sale of electricity							
Day	:	9.318,0 MWh	at	50,0*	=	465.900	
Night	:	4.340,0 MWh	at	35,0*	=	151.900	
Sale of electricity Total						617.800	
Total Revenues							917.800
Operating Expenditures							
Fuel costs							
Natural gas	:	3.323.780,2 Nm3	at	0,2*	=	664.756	
Climate change levy	:	3.323.780,2 Nm3	at	0,0*	=	0	
Fuel costs Total						664.756	
Operation&Maint.							
Engine 1	:	9.588,0 MWh	at	5,0*	=	47.940	
Engine 2	:	4.070,0 MWh	at	5,0*	=	20.350	
Boilers	:	563,6 MWh	at	0,5*	=	282	
Operation&Maint. Total						68.572	
Electricity purchase							
Day	:	0,0 MWh	at	0,0*	=	0	
Night	:	0,0 MWh	at	0,0*	=	0	
Electricity purchase Total						0	
Total Operating Expenditures							733.328
Depreciations							
Investment							50.000
Total Depreciations							50.000
Operation Income							134.472
Financial Expenditures							
Loan, interest and fee's						48.000	
Interest on Cash Account						-2.639	
Total Financial Expenditures							45.361
Result Of The Year (before tax)							89.111
Tax payments							
Taxation						22.278	
Total Tax payments							22.278
Result Of The Year							66.833

* Average price