

NER 300

Reference Plant

Combined Cycle Gas Turbine (CCGT)

Inputs		
Plant Capacity	MW	850
Inflation rate	%	-
Discount rate	%	0,66%
Discount rate for NPV	%	1,66%
Variable Fuel Costs	€/MWh	50,4
Hours in Labor	h/year	6.000
Investment	€/MW	550.000
Fixed O&M	€/MW/Year	13.000
Variable O&M	€/MWh	1,4
Electricity Average Market Price	€/MWh	64
CO2 Emissions	kg/MWh	371
CO2 Cost	€/ton CO2	12
CO2 Cost	€/MWh	4,5
Total Variable Costs	€/MWh	56,3