



200 MW SIEMENS(SGT-800) COMPLETE COMBINED CYCLE POWER PLANT

Installed Capacity	: 200 MW
Energy Production Capacity	: 1640 GWh/year
Commissioning Date	: 16.06.2013
Configuration	: 3 X SGT-800 GT + 1 x ST
Total Gross Efficiency/Net Efficiency : 55% / 53.6%	

DESCRIPTION OF POWER PLANT

The Power Plant is composed of 3 Gas Turbines (Siemens SGT-800) and 1 no of Steam Turbine (Siemens SST-900), 3 nos of HRSG (Aalborg-Denmark), 1 no of ACC (SPX-Belgium), 1 no of RMS station, HV switchyard and BOP equipment.

The generated electricity is transmitted to high voltage Switchyard through 154 kV 2x1272 MCM overhead transmission line.

The plant was commissioned as simple cycle in August 2012 and as combined cycle in June 2013.

	GT1	GT2	GT3	SST900
Operational Hours since COD	15197	14762	15452	17399
Number of Start Stops	915	929	822	549
Equivalent Hours	21085	21489	22034	9801
EOC	1177	1345	1316	
Operational Hours after B Inspection	2547	2493	2582	2613
Number of Start Stops after B Inspection	218	223	238	262

