

11. Plant Design Data

11.1. Design Basis

Location	208 m above sea level
Ambient air temperature	12 °C
Relative humidity	65 %
Barometric pressure	1013 mbar
Cooling water temperature	16 °C
Seismic Load	4.4° - 7° MSK-64
Maximum ambient temperature	35 °C
Minimum ambient temperature	-25 °C

11.2. Utilities

11.2.1. Cooling water

Pressure	2.8 barg
Temperature (max/average)	37/16 °C

11.2.2. Steam

Pressure (min/max/average)	7 / 20 / 10 barg
Temperature (min/max/average)	240 / 310 / 280 °C

11.2.3. Natural gas

Pressure	6 barg
Caloric value	34.3 MJ/Nm ³