

Nueva Central Diesel Coyhaique

XI Region Aisen - Chile



Built 1993

for

Edelaysen S.A.

Empresa Electrica de Aisen S.A.

BY

Burmeister & Wain Scandinavian Contractor A/S

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Power plant system

The power station is designed as base load plant for the Coyhaique grid. The diesel engine operates on heavy fuel oil and only for start/stop of the unit is it necessary to operate on diesel oil. The heavy fuel oil is heated by steam from a boiler installed in the exhaust system. Together with the power station a tank farm with 2x200 m³ storage tanks has been supplied.



Diesel Gen-set

Diesel engine: MAN B&W Diesel, Holeby
Type: 9 L 28/32 H
Output: 1980 kW
Speed: 750 r.p.m.

Generator: A. van Kaick
Type: DIDBN 140/135 L
Voltage: 6 kV
Rating: 2500 kVA

Auxiliaries

The plant is equipped with:

- Radiator Coolers
- F.O. Separator
- Lub. Oil Separator
- Exhaust Gas system
- Steam Heating system

Electrical

The unit is manually controlled from switchboards in the control room. The connection to the public grid is through a 2500 kVA 6/23 kV step-up transformer and an outdoor switchyard.



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