



POINTE MONNIER POWER STATION MAURITIUS

EXTENSION, PHASE II, 2.5 MW - 2012

Burmeister & Wain Scandinavian Contractor A/S

Central Electricity Board, Mauritius

Pointe Monnier Power Station Extension - Phase II

Since 1994, BWSC has been an active player in Mauritius and has throughout the years remained a dedicated power partner, supporting the Central Electricity Board (CEB) in the development of the power generation facilities in Rodrigues.

In 1995, BWSC delivered the first phase of the Port Mathurin Power Station followed by two power plant extensions in 1997 and 1998.

Due to environmental considerations, the CEB decided to transfer future power generation to an entirely new site, the Pointe Monnier. Here, in 2004, BWSC delivered the 3.8 MW Pointe Monnier Power Station, Phase I.

As part of the continued strategy to renew and develop the power generation capacity in Rodrigues, the CEB decided to increase the generating capacity of the Pointe Monnier Power Station with a new and modern, environmentally friendly medium speed power unit.

In September 2011, BWSC was awarded the extension project of the Pointe Monnier Power Station on turnkey basis. Phase II of the power station extension covers a new powerhouse located adjacent to the existing power house building constructed for Phase I.

The extension project includes the delivery of one unit, but the powerhouse has been prepared for a second generating unit.

The main generating unit includes an efficient 2.5 MW Wärtsilä 6L32 diesel engine with auxiliaries and new storage facilities which double the storage capacity on site. The project will increase the generation capacity of the power station to a total of 6.3 MW.

The new power plant extension meets stringent local environmental requirements and minimizes the cost of electricity due to high fuel efficiency.



Summary

Contract

Type..... Turnkey
Contract award..... September, 2011
Plant net output 2.5 MW

Technical Data

Diesel Engine

Make..... Wärtsilä, Finland
Type..... 6L32, 4-stroke
Speed 750 rpm

Alternator

Make..... ABB, Finland
Type..... AMG0710LP08DSE
Rating..... 3295 kVA
Voltage/frequency..... 6.6 kV/50 Hz

Radiator Cooler

Make..... GEA Ergé-Spirale, France
Type..... Induced draft

Powerhouse

Make..... BWSC/Aquila A/S, Denmark
Size (W x L x H)..... 15 x 14.9 x 8 m
Overhead crane..... 2 ton

Stack

Make..... Steelcon A/S, Denmark
Height..... 60 m asl
Diameter..... 2.3 m

Civil Work

Subcontractor PAD & Co. Ltd, Mauritius

BWSC

Burmeister & Wain Scandinavian Contractor A/S
Gydevang 35, P.O. Box 235, DK-3450 Allerød, Denmark
Phone +45 48 14 00 22, Fax: +45 48 14 01 50
bwsc@bwsc.dk, www.bwsc.com