

12.6 kV Power station Aruba



Client	Water- en EnergieBedrijf Aruba
Client website	http://www.webaruba.com/
Country	The Netherlands
Location	Aruba
Delivery date	01 01 2003
Size	Over 1 million EUR

Strukton Rail has replaced the 10 kV medium-voltage installation for the Aruba power station with a 12.6 kV installation.

Work

The installation was erected and handed over by us on a turnkey basis. In addition, Strukton Rail designed and supplied a control and protection system, whilst we also undertook the disassembly and assembly work for the existing switching station.

Conditions

The work had to be carried out whilst the power station remained fully in operation. If the power station had been shut down, the entire island would have quickly been completely without water and electricity.

Project components:

- Engineering, supply and erection of medium-voltage installation
- Engineering, supply and erection of control, SCADA and protection systems for this installation
- Design of a conversion plan whilst guaranteeing water and electricity supply

- Removal of the old installation
- Civil engineering activities
- Testing and commissioning
- Training the staff of the WEB
- Drawing up documentation.