



EDF – DIESEL ENGINE-GENERATORS - Reinforcing Nuclear Plant Safety

France

Businesses : HVAC, Refrigeration

Type of contract : Design build



Energy infrastructures

Client Information



Client	EDF
Partnership	ORYS / ABC / CLEMESSY
Start date	2015
Delivery date	2019
Amount	> 10M €

Key figures

58 cooling units
manufactured in 2 years

100 000 m3
ventilation network

100 kW
power for Cooling Units



Customer's challenges

- Reinforce site safety - post-Fukushima => Withstand hazards (earthquake, flood, tornado)
- Restore the plant's power supply via diesel engine-generator in the event of a total loss of all back-up resources
- Supplement existing and redundant emergency equipment and systems with diesel engine-generators



Our solutions

- Design, supply, manufacture, installation and commissioning of 36 ventilation systems
- Design, qualification, manufacture, installation and commissioning of 58 cooling units
- Manufacture of cooling units in our own Axima production sites, with post-installation after-sale service



Customer's benefits

- Qualification by Axima of all networks and equipment
- Optimized lead times for 58 cooling units in 2 years
- Construction of 36 buildings in 2 years on 10 sites simultaneously
- Deployment of Axima teams throughout France