



Jijel 1400 MW combined-cycle power plant Industrial Facilities

2014 - 2015



ALGERIA - Jijel

Client

**HYUNDAI
ENGINEERING CO LTD**

Owner

Société Algérienne de
Production de l'Electricité
(SPE)

Highlights

4 combined-cycle turbines
with a total power of
1400 MW

Buildings and ancillary
facilities over a total site
area of 2.5 ha

Civil engineering concrete
volume: 50,000 m³



The Project

As part of the implementation of the new 1400 MW combined-cycle power plant project on the Bellara site in Biskra wilaya (province), Algeria, TERRASOL conducted a geotechnical study of the project on behalf of HYUNDAI E & C for the pre-design of the foundations of the facilities of the future plant.

Our Services

In addition to the definition of the soil testing campaign and the supervision of its implementation by a local company, TERRASOL has carried out:

- geotechnical data interpretation,
- definition of geotechnical parameters and assumptions,
- evaluation of the most appropriate foundation technique, with pre-design of the foundations according to the current standards.

TERRASOL was also entrusted with the technical assistance to the contractor during the construction of the foundations.

terrasol

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