



Power plant Guacolda

Audit to verify key flexibility parameters of conventional power plants

To obtain an optimal economic dispatch that respects the technical restrictions of power plants, the national dispatch coordinator CDEC-SIC uses different parameters to describe those restrictions. Each power plant is parameterized according to its capabilities. To set the parameter values correctly, CDEC-SIC has to rely on the information provided by the power plants. In cooperation with STEAG Energy Services GmbH, CDEC-SIC has conducted an audit in several conventional (gas and coal-fired) power plants to verify their key flexibility parameters such as minimum load, start-up time, start-up costs and ramp rate.

Project Facts

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|---------------------------|-------------------------------|
| Installed capacity | 4x150 MW/128 MW/350 MW/350 MW |
| Boiler type | once through boiler |
| Customer | CDEC SIC |
| Execution of SES services | 2015 - 2017 |