

# LAS PEÑAS WIND FARM

CHILE



## PROJECT OVERVIEW

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CLIENT

**CRISTALERIA CHILE**



SCOPE

**WIND FARMS CONSTRUCTION (BoP)  
POWER & GRID (EPC)**



LOCATION

**ARAUCO, CHILE**

## WHAT WE DID

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- // Access roads
- // Foundations & Platforms
- // Cable trenches
- // Control Building
- // Laying Medium Voltage (MV), FO and earthing cables
- // Supplying and installation of all equipment of the Control Building
- // Supplying and installation of all equipment of the connection point to the existing Medium Voltage (MV) line
- // Improvement of access road to the wind farm

**176**

IMPLEMENTATION  
DAYS



**8,4 MW**

INSTALLED  
POWER





## CHALLENGES

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This project had a demanding schedule, that CJR Renewables met completely. 1.8 km of access roads were built, with the reconstruction of a new internal access to the wind farm, whose intention was to simplify the components transport. CJR also built the control building of the wind farm and four foundations, each one concreted in 12 hours (800 m<sup>3</sup> per foundation). Relatively to the electrical works, CJR made the Medium Voltage Internal Line of the wind farm and the connection point to the medium voltage existing line. In the final stage of the project, the client made the appeal to improve the connection of the wind farm to the main road, to comply with the country's legal requirements.

## PROJECT CHARACTERISTICS

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WIND TURBINES  
GAMESA G114 2 MW

