

## PROJECT 2 : Phase 2 Geothermal Power Project

Agency : Carbon Footprint

Type : Geothermal Power

Country: Indonesia



### Description:

Geothermal power plants use steam produced from reservoirs of hot water found a couple of miles or more below the Earth's surface, instead of having to use fossil fuels. The steam rotates a turbine that activates a generator, which produces electricity. It is a natural and sustainable source of energy.

Wayang Windu Phase 2 Geothermal Power Project, is a 117MW geothermal power station. The project reduces greenhouse gas emissions through the displacement of fossil fuel electricity generation with a clean, renewable energy source whilst providing jobs for the local community.



### Additional Features:

- ❖ Environmental Sustainability – Practicing natural resource conservation or diversification. Assuring and maintaining levels of local community health and safety.
- ❖ Economic Sustainability – Assuring and maintaining local community welfare.
- ❖ Social Sustainability – Assuring and maintaining local community participation in the project and local community social integrity.
- ❖ Technological Sustainability – Technology transfer and enhancing the capacity and utilisation of local technology.



[https://www.carbonfootprint.com/edd19\\_geothermal.html](https://www.carbonfootprint.com/edd19_geothermal.html)

The price is 3,25 euros per tonne.