



## Lombok, Indonesia



### Key facts about the plant

- Coal fired power plant
- Owner: PT PLN Persero, Indonesia
- Contractor: Rekayasa Industri, Indonesia



### Key facts about the chimney

- Completed in 2020
- Twin steel liners with Derrick structure
- H 90m
- Inner liner  $\varnothing = 3,000\text{mm}$  at the bottom
- Carbon steel liner
- Derrick structure

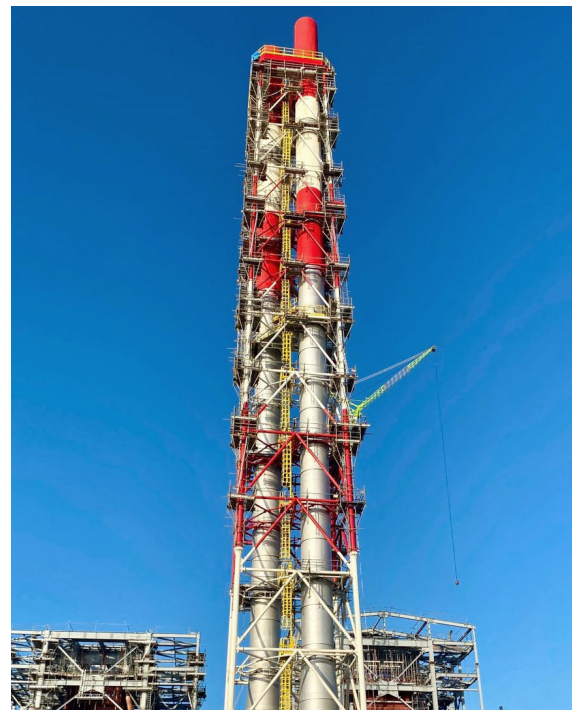
PLTU Lombok FTP2, also known as Sambelia power station, is in East Lombok, West Nusa Tenggara, Indonesia.

This power plant is built by a consortium of Rekayasa Industri from Indonesia and Rafaco from Poland. All the components are imported from Europe, including Poland, Germany, the Czech Republic and Belgium. And the other components are manufactured domestically.

FERBECK INTERNATIONAL SA has been awarded an EP contract for one 90 meter-high-steel stack by Rekayasa Industri.

The scope of work includes:

- anchor bolt for foundation
- platforms
- damper
- ladders
- electric system (lighting, power supply, aircraft warning lights...)
- lightning protection system





## Components

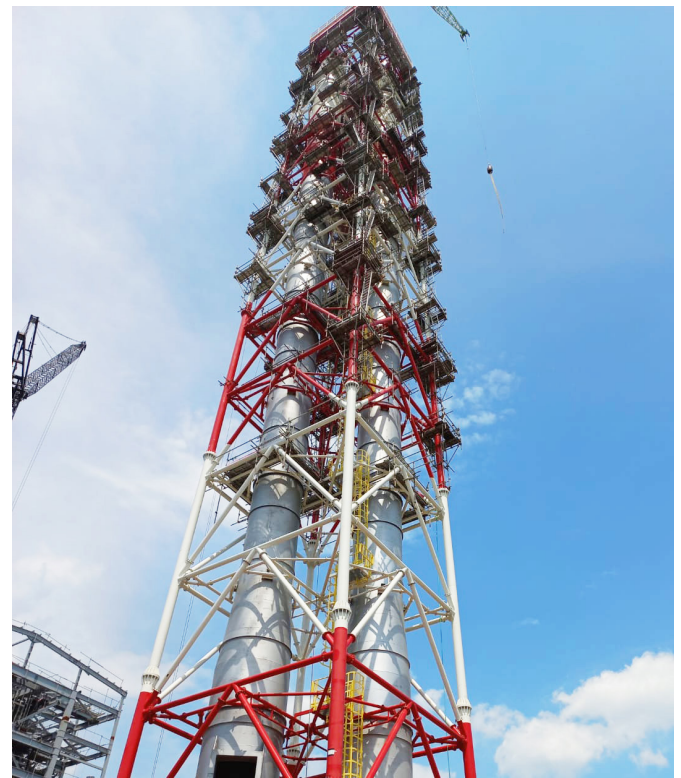
### Platforms

3 platforms are installed on different elevations of the structure:

- AWL platform at EL.+88m
- damper platform at EL.+81.5m
- platform at EL.+48.1m

### Damper

A liquid anti vibration damper is used to avoid resonance phenomena, as well as issues linked to fatigue. It is smartly designed to be used as a top platform of the structure.





## Overview

The plant is a 100-megawatt (MW) capacity coal-fired power plant in Indonesia. The project is included in the 2013-2022 Electricity Supply Effort Plan of PT PLN Persero and in the 2015-2024 supply plan.

