

The Driver of Energy Transition

Pertamina, as the largest energy state-owned company in Indonesia, has a high commitment to support the government's targets. Pertamina's NRE development initiatives to support this target include increasing the installed capacity of self-operated geothermal to 1,128 MW by 2026, developing solar and wind power plants, as well as blue hydrogen.

Nicke Widyawati

President Director & CEO PT Pertamina (Persero)

Pertamina Power Indonesia Group Structure

PERTAMINA POWER INDONESIA

Established: October, 2016

Shareholders:

- Pertamina (Persero) 99.999031%
- Pertamina Pedeve Indonesia 0.000969%

Pertamina Power Indonesia (PPI) became a subholding of Pertamina in **August 2021** and managing Pertamina's gas-based power business activities and new & renewable energy, both domestically and abroad.

Pertamina Power Indonesia Subsidiary and Affiliates

PERTAMINA GEOTHERMAL ENERGY

Established: December, 2006

Shareholders:

- Pertamina Power Indonesia 92.0194%
- Pertamina Pedeve Indonesia 7.9806%

Pertamina Geothermal Energy (PGE) manages 13 geothermal working areas with a total capacity of 1,877 MW (672 MW on Own Operations and 1,205 on Joint Operation Contracts).

JAWA SATU POWER

Established: 2016

Shareholders:

- Pertamina Power Indonesia 40%
- Garuda Power Holding (Marubeni) 40%
- Blue Horison Jawa Power (Sojitz) 20%

Jawa Satu Power (JSP) manages the Java 1 power plant project in Karawang, West Java.

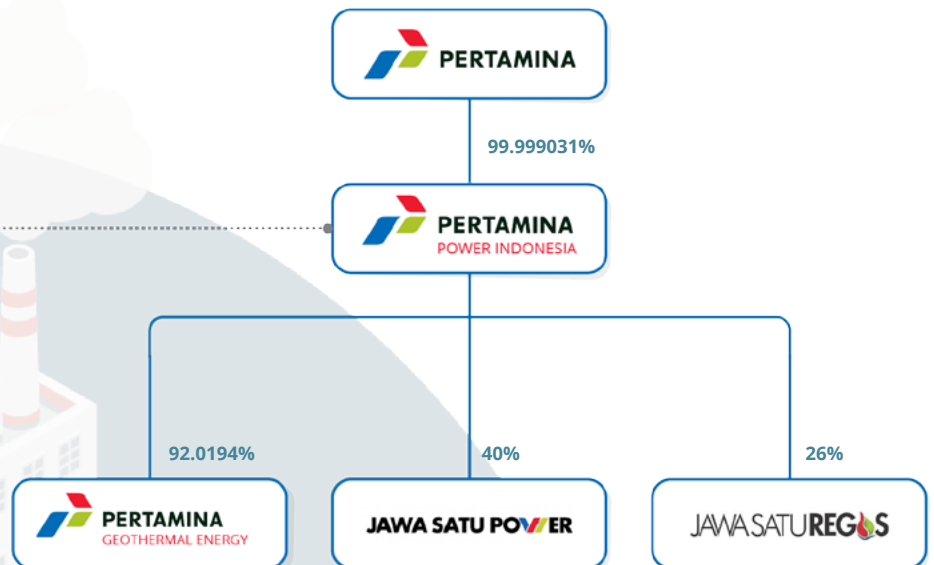
JAWA SATU REGAS

Established: 2017

Shareholders:

- Pertamina Power Indonesia 26%
- Permata Khatulistiwa Regas (Humpuss) 25%
- Garuda Regas Holding (Maruberi) 20%
- Blue Horison Jawa Power (Sojitz) 10%
- Pine Mountain Power (MOL) of 19%

Jawa Satu Regas (JSR) manages the Jawa Satu FSRU, which supplies gas to the Java 1 Power Plant.

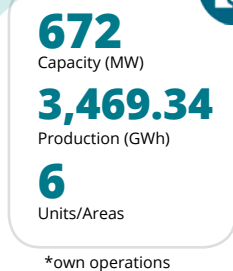
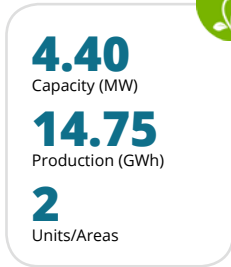
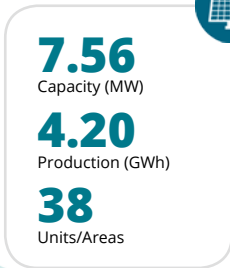
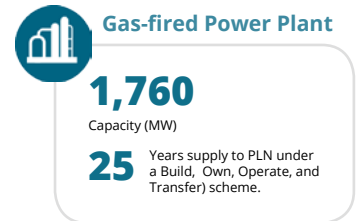
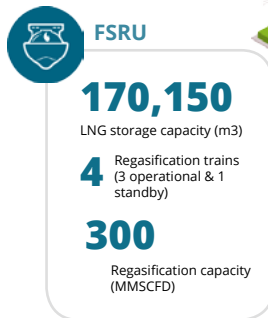


Pertamina Power Indonesia Business Portfolio

PPI's business portfolio includes the development of electricity projects sourced from gas and New and Renewable Energy (NRE), such as solar, biogas, biomass, and other NRE sources, as well as the energy storage business in batteries.

Gas Power Plant

The Java-1 Power Plant project will be distributed to PLN for 25 years under a BOOT (Build, Own, Operate, and Transfer) scheme. Currently, the Java 1 Power Plant construction has reached 97% and is targeted to operate within this year. This project is also integrated with the Floating Storage and Regasification Unit (FSRU). LNG supplies will be from the Tangguh LNG plant.



NRE Power Plant

Currently, PPI's power generation from NRE includes solar, biogas, and geothermal. The total capacity from NRE power generation is 683.96 MW, and the total electricity produced at around 3,488 GWh (as of September 2021).

Pertamina Power Indonesia Aspiration

PPI pursues growth to achieve the aspiration of 10 GW by 2026. The total installed capacity is contributed from gas to power of 4 GW, 5 GW of NRE, which includes geothermal, and 1 GW from other NRE businesses, such as batteries and electric vehicles, hydrogen, carbon trading, and green industrial areas.

These aspirations include the target of installing Solar Power Plants in several Pertamina Group operating locations with a total potential installed capacity of 500 MW which has the potential to reduce carbon emissions by 630 thousand tons of CO2 per year. This target is also in line with the energy mix target and reducing greenhouse gas emissions in the Pertamina group by up to 30% by 2030.