

HULU LAIS GEOTHERMAL PROJECT

RENEWABLE ENERGY



Project Description

As the world's population increases, the use of energy continues to grow. As a result, the resulting carbon emissions continue to increase and the earth's temperature is getting higher. We seek to support governments and businesses in their journey to reduce carbon emissions resulting from energy production.

Located in the ring of fire area, Indonesia is one of the world's geothermal energy centers. The journey of utilizing geothermal energy has been started since 1974, with the discovery of 70 geothermal areas in Indonesia. As a continuation of efforts to produce clean and environmentally friendly energy, in 2006 PT Pertamina Geothermal Energy (PGE) was established and until now contributes to 82% of installed geothermal energy capacity in Indonesia.

Energizing for a greener future is a relentless struggle. PGE is committed to continuously developing existing geothermal resources by adhering to the principles of the Sustainable Development Goals (SDGs). Currently, PGE has supplied electricity to more than 2 million homes in Indonesia with a potential emission reduction of 9.7 million CO₂ per year.

Key Investment highlight

Location	Lebong Regency
Est. Investment Value	USD 431.85 million
Total Area/Land Status	WKP : 2067K/30/MEM/2012 Area : 289.300 ha
Business Scheme	Geothermal Utilization Effort
Project Owner	PT Pertamina Geothermal Energy
Financial Feasibility	Concession Period : 30 Years; IRR : 14,67 % Project Income : USD 1.07 billion NPV : USD 119.4 million Payback Period : 7 years Source : Ernst & Young Shin Nihon LLC

Project Owner Profile

PT Pertamina Geothermal Energy is a subsidiary of PT Pertamina Power Indonesia which synergizes with other entities under the auspices of PT Pertamina (Persero). In order to develop a sustainable geothermal business, PT Pertamina Geothermal Energy established PT Geothermal Energi Seulawah on July 31, 2017. The Hululais area is located in WKP Hululais, Lebong Regency, which is about 180km from the city of Bengkulu. In the WKP, PGE has planned the development of 2 PLTP units with a capacity of 55MW each. These two development projects will increase the utilization of geothermal energy sources and can be relied upon to help overcome the shortage of electrical energy needs in Bengkulu and its surroundings at the time of operation in 2026.

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