

## PLTP Mataloko – East Nusatenggara





PLTP Mataloko which is located in Golewa, Ngada District, Flores, East Nusa Tenggara province (NTT), is planned to extract energy from the well MT-3 and MT-4 and possibly also from the well MT-2 with a maximum generating capacity of 5 MW.

PLTP Mataloko current capacity of 1.8 MW could only supply electricity to the communities in Ngada District and surrounding areas.

Geothermal Division, Directorate of Mineral Resource Inventory had carried out detail investigation, including, exploration and exploration drillings at Mataloko geothermal field. Geothermal energy resources at Mataloko known with approximating  $1,2 \times 10^{20}$  joule. Geothermal energy reserves in this field would be 64 Mwe, in 30 years life time.

March 2011, The government received a US\$500 million loan from the Asian Development Bank (ADB) to fund the development of three geothermal-fired power plants (PLTP) with a total capacity of 145 megawatts and three power plants are PLTP Karaha Bodas in West Java (2×55 megawatts), PLTP Sungai Penuh in Jambi (1×30 megawatts) and PLTP Mataloko in East Nusa Tenggara (2×2.5 megawatts).

Type	Geothermal Power Plant
Area	Mataloko Village, District Golewa, Ngada, East Nusa Tenggara
Kind of Fuel	Geothermal
Power Capacity	1 x 1.8 MW
Owner	PT. PLN
Shareholders	PT. PLN
Activity Since	2010
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