

# Only 14.000 MW of Indonesian Geothermal has been being utilized

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DGNREEC—the potential of Geothermal Energy Reserves is about 29.000 MW, but in fact only about 14.000 MW which has been being utilized.

Member of National Energy Board (DEN a.k.a Dewan Energi Nasional), Abadi Poernomo said that the Utilization of Geothermal potential only about 50 percent of the total potential.

“29.000 MW is the potential’s number. Could not fully be developed, it is only about 50 percent or 14.000 MW has been being utilized”, He said.

Furthermore, the 29.000 MW Potential is still need more evaluation, “Maybe we can utilize it more than that”, He said.

Director General of DGNREEC, Rida Mulyana said, the Geothermal Utilization still not reached the target yet, the development of geothermal still faces some obstacles such as the permission, the land, and the geothermal reserves still has not reached the expectation.

He gave an example case, based on result of geothermal drilling at Muaralaboh, West Sumatera, the plan is achieve to 220 MW, but the realization is only 70MW. “Though we have used new high technology”, He said.

As mentioned by Director of Construction & Renewable Energy PT. PLN (Persero), Nasri Sebayang, the suitable or economical Geothermal potential which can be developed only have reached about 6.000 MW nowadays.

The details of economically Geothermal Project has been being involved in second step of Acceleration Power Plant Development Program

According to Him, the quality of Geothermal not good as the expectation, and the effects is reducing the electrical power.

Based on data from Ministry of Energy and Mineral Resources, there are 299 geothermal locations with 28.807 MW total potential which is about 40 percent of world’s geothermal potential.

Meanwhile, geothermal energy utilization for electricity only 1.341 MW or 4.6 percent of the total energy