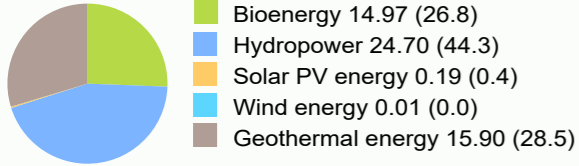


Indonesia • Renewable energy

Gross electricity generation from renewable sources by 2021, TWh (%)



Total: 55.77 (100)

Source: Renewable Energy Statistics 2023 © IRENA



Dry steam type geothermal power plants over 1 MWe, MWe:

- 1 Darajat, 259.0
- 2 Ulubelu, 220.0
- 3 Kamojang, 200.0
- 4 Patuha, 55.0



Single flash type geothermal power plants over 1 MWe, MWe:

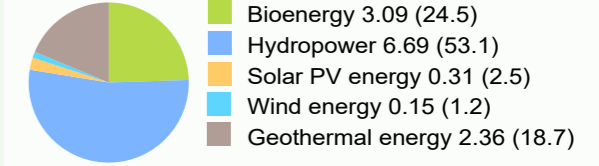
- 1 Gunung Salak, 375.0
- 2 Wayang Windu, 227.0
- 3 Lahendong, 80.0
- 4 Dieng, 60.0
- 5 Sibayak, 13.2
- 6 Ulumbu, 10.0
- 7 Mataloko, 1.8



Major bioethanol plants:

- 1 Lampung, Indolampung Distillery
- 2 Malang, Molindo Raya Industrial
- 3 Solo, Indo Acidatama
- 4 Mojokerto, ENERO
- 5 Jombang, Etanol Ceria Abadi
- 6 Yogyakarta, Madu Baru
- 7 Makassar, Basis Indah

Total installed renewable energy power capacity by 2022, GW (%)



Total: 12.60 (100)

Source: Renewable Energy Statistics 2023 © IRENA



Major wind power plants over 1 MW, MW:

- 1 Sidrap, 75.0*

* under construction



Major biomass power plants, MW:

- 1 Jambi, PT. Rimba Palma, 30.0
- 2 Medan, PT. Growth Asia, 20.0
- 3 Medan, PT. Growth Sumatra, 15.0
- 4 Riau, PT. Riau Prima Energy, 15.0
- 5 Simalungun, PT. Harkat Sejahtera, 10.0
- 6 Belitung, Kencana Agri, 7.5
- 7 Korindo, PT. Korintiga Hutani, 7.3
- 8 Bangka, Kencana Agri, 6.0



Biodiesel plants over 450 000 kl/y:

- | | |
|--------------------------------------|--|
| 1 Jatim, Wilmar Nabati Indonesia | 5 Dumai, PT. Cemerlang Energi Perkasa |
| 2 Dumai, Wilmar Bio Energi Indonesia | 6 Lampung, PT. Louis Dreyfus Indonesia |
| 3 Batam, PT. Musim Mas | 7 Bitung, PT. Multi Nabati Sulawesi |
| 4 Dumai, PT. Bayas Biofuels | 8 Medan, PT. Musim Mas |



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