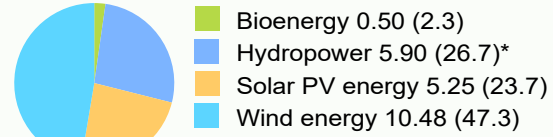


Greece • Renewable energy

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



Total: 22.14 (100)

Source: Renewable Energy Statistics 2023 © IRENA
* excluding pumped storage

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



Total: 13.97 (100)

Source: Renewable Energy Statistics 2023 © IRENA
* excluding pumped storage

Key solar PV power plants over 7.0 MWel, MWel:

- 1 Kozani, 204.0*
- 2 Moutsara 1-2, 14.0
- 3 Skopelakia (Pylos-Nestor), Kynigos, 12.0
- 4 Domokos, 10.3
- 5 Mpozalos, 10.0
- 6 Polydamada, 10.0
- 7 Kourtesi 1-2, 9.8
- 8 Alogomandra, 9.0
- 9 Paleochora, 9.0
- 10 Xerodima, 9.0
- 11 Athens International Airport, 8.0
- 12 Revenia, 7.5
- 13 Vathichori 1-2, 7.5

* under construction

Key solar district heating plants over 1.0 MWth, MWth:

- 1 Aldemar (Cretan Village), 1.9
- 2 Saranti, Sarantis SA, 1.9

Key landfill gas-to-energy plants over 1.0 MWel, MWel:

- 1 Ano Liosia, 23.5
- 2 Tagarades, 5.0
- 3 Volos, 1.7

Key wood pellet plants:

- 1 Nevrokopi, Alfa Wood
- 2 Larissa, MAKI
- 3 Palamas, Sakkas Aeve
- 4 Tripoli, BioAlten
- 5 Goura (Corinthia), Feneos Pellet
- 6 Sykourio (Larissa), Bioenergy Hellas

Key biodiesel plants over 10 000 t/y:

- | | |
|--------------------------------|---------------------------------------------|
| 1 Fthiotida, Agroinvest | 6 Serres, MIL OIL Hellas |
| 2 Patras, Pavlos N. Pettas | 7 Lakkoma, BioEnergia Papantoniou |
| 3 Volos, Elin Verd | 8 Agios Athanasios (Thessaloniki), VERT Oil |
| 4 Assiros, Biodiesel Ltd. | 9 Kilkis, HBIC |
| 5 Larissa, Staff Colour Energy | |

Key biogas plants over 1 MWel, MWel:

- 1 Psyttalia WWTP, 11.4
- 2 Farsala, 6.0
- 3 Farsala, Fthia Energy, 1.5
- 4 Trikala, Bioenergy Thessalias, 1.5
- 5 Chalastra, 1.0
- 6 Nigrita, 1.0
- 7 Kolchiko, Biogas Lagada, 1.0
- 8 Pella, 1.0
- 9 Sohos, 0.8

Solar CPV power plant, MW:

- 1 Crete, SolFocus, 1.2

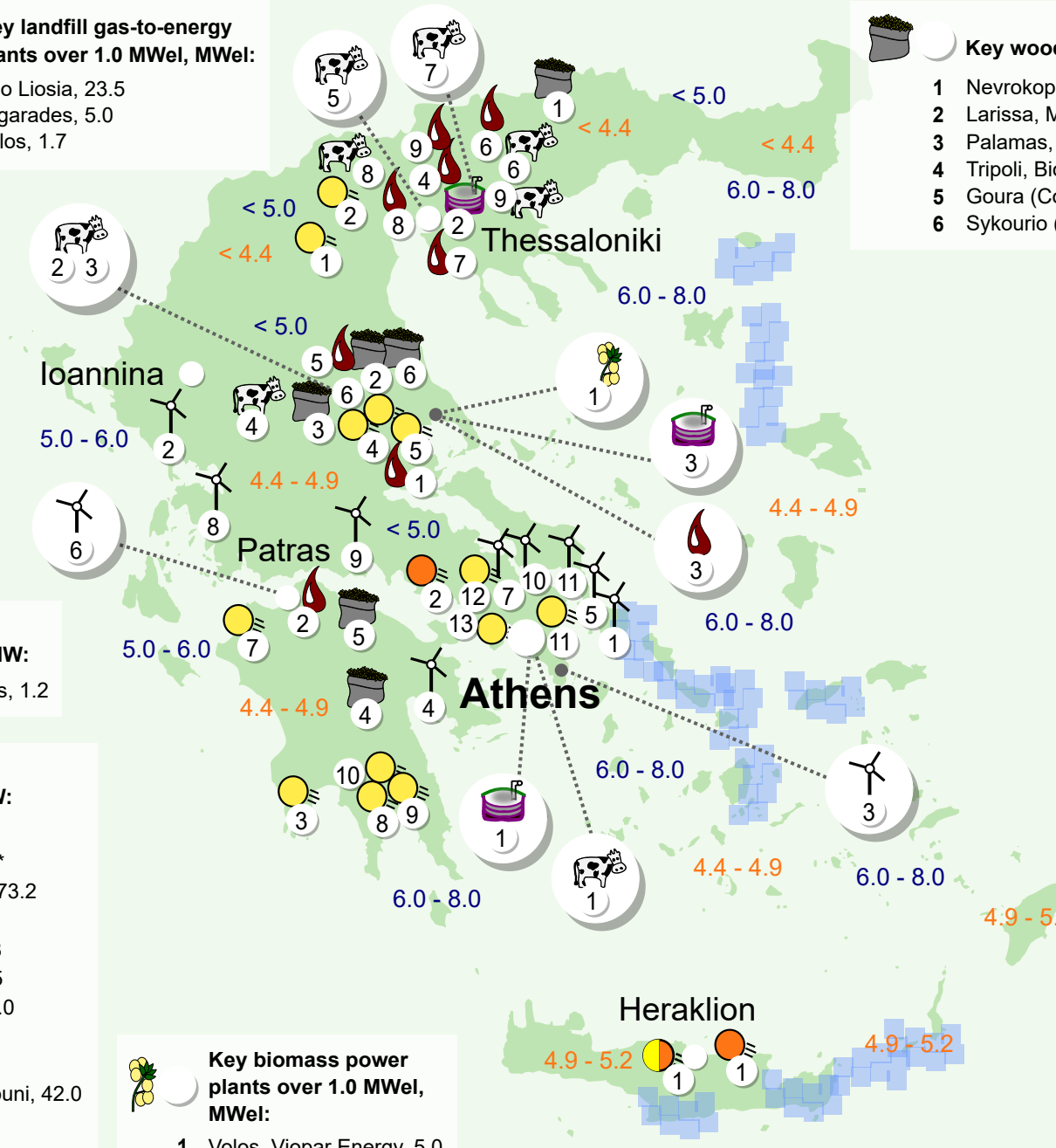
Key wind farms over 41 MW, MW:

- 1 Kafireas, 154.0
- 2 Kassidiaris, 89.7*
- 3 Agios Georgios, 73.2
- 4 Profitis Ilias, 51.8
- 5 Machirachi, 50.8
- 6 Panachaiko, 48.5
- 7 Perdikovouni, 48.0
- 8 Petalas, 48.0
- 9 Fokida 2-3, 46.0
- 10 Maristi - Mavrovouni, 42.0
- 11 Skopies, 41.4

* under construction

Key biomass power plants over 1.0 MWel, MWel:

- 1 Volos, Viopar Energy, 5.0



0.0 kWh/m²/d Global Horizontal Irradiation (GHI)
0.0 m/s Wind speed

High activity areas:

The most common solar GHI intensity is 4.9 - 5.2 kWh/m² per day, distributed in the southeastern part of country, in Crete and Rhodos islands.
The most common wind speed is over 8.0 m/s at 50 m are distributed in the eastern part of country, mainly in Crete and other small islands.

Source: Energydata.info