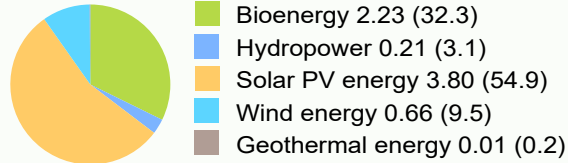


Hungary • Renewable energy

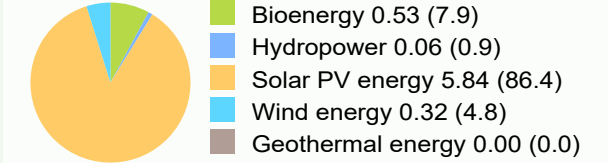
Gross electricity generation from renewable sources by 2021, TWh (%):



Total: 6.92 (100)

Source: Renewable Energy Statistics 2023 © IRENA

Total installed renewable energy power capacity by 2023, GW (%):



Total: 6.76 (100)

Source: Renewable capacity statistics 2024 © IRENA

Key solar PV power plants over 5 MWe, MWe:

- 1 Paks, 20.6
- 2 Bükkábrány, 20.0
- 3 Felsőzsolca, 20.0
- 4 Dunai (Százhalombatta), 17.6
- 5 Szügy, 16.5
- 6 Visonta, 16.0
- 7 Tizaszőlős, 11.6
- 8 Pecs, 10.0
- 9 Balatonberény, 6.9
- 10 Nagykőrös, 6.9
- 11 Csepreg, 5.5
- 12 Almásfüzitő, 5.5
- 13 Tizsakécske, 5.5
- 14 Kaba Solar PV Park, 43 (2020)
- 15 Kapuvár Solar Park, 25 (2020)

Key biogas plants over 1.0 MW, MW:

- 1 Budapest (Csepel) WWTP, 4.5
- 2 Szarvas, SE Hungary, 4.2
- 3 Nyirbator, Bator-Trade Kft., 2.5
- 4 Nagykőrös, 2.0
- 5 Pálhalma, Palhalmai Agrospecial, 1.7
- 6 Balatonszabadi, 1.6
- 7 Dömsöd, 1.5
- 8 Szeged, Zoldforras Energia, 1.2
- 9 Kenderes, 1.0
- 10 Pusztahencse, Mil-Power Bioenergetikai, 1.0

Key biodiesel plants:

- 1 Komárom, Rossi Biofuel
- 2 Nagyigmánd, Öko-Line
- 3 Mátészalka, Inter-Tram
- 4 Kunhegyes, Közép-Tisza MG

Key bioethanol plants:

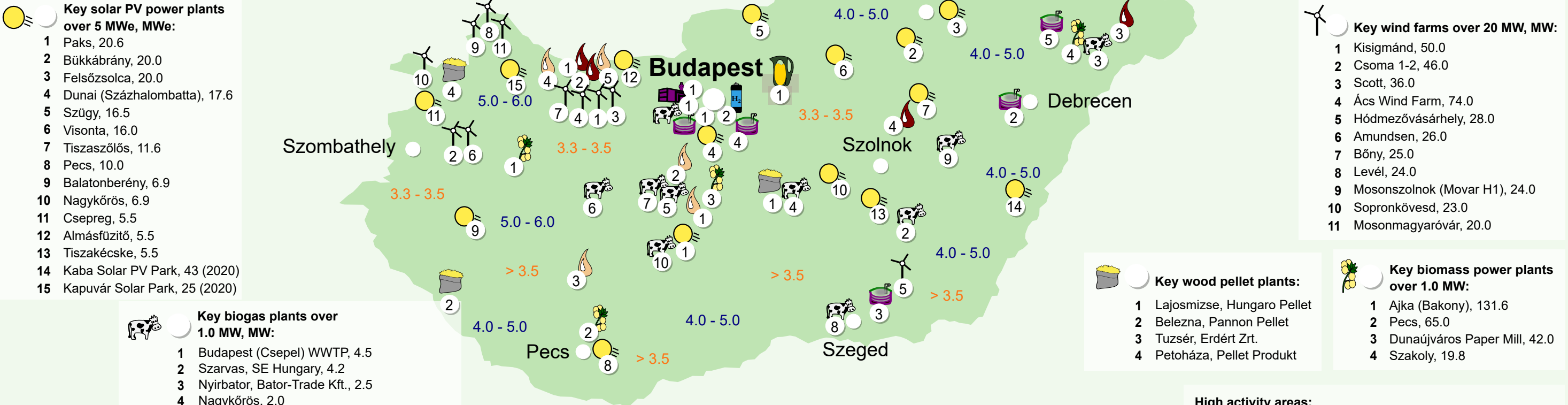
- 1 Dunaföldvár, Pannonia Ethanol
- 2 Szabadegyháza, Hungrana
- 3 Dombóvár, Agrár-Béta Kft.
- 4 Győr, Győr Distillery and Refinery
- 5 Dunaalmás, Duna-Etanol

Key landfill gas-to-energy plants:

- 1 Pusztazámor
- 2 Debrecen
- 3 Hódmezővásárhely
- 4 Gyál
- 5 Nyíregyháza

Waste-to-energy plant:

- 1 Budapest (Rakospalota)



Key wind farms over 20 MW, MW:

- 1 Kisigmánd, 50.0
- 2 Csoma 1-2, 46.0
- 3 Scott, 36.0
- 4 Ács Wind Farm, 74.0
- 5 Hódmezővásárhely, 28.0
- 6 Amundsen, 26.0
- 7 Böny, 25.0
- 8 Levél, 24.0
- 9 Mosonszolnok (Movar H1), 24.0
- 10 Sopronkövesd, 23.0
- 11 Mosonmagyaróvár, 20.0

Key wood pellet plants:

- 1 Lajosmizse, Hungaro Pellet
- 2 Belezna, Pannon Pellet
- 3 Tuzsér, Erdért Zrt.
- 4 Petoháza, Pellet Produkt

Key biomass power plants over 1.0 MW:

- 1 Ajka (Bakony), 131.6
- 2 Pecs, 65.0
- 3 Dunaújváros Paper Mill, 42.0
- 4 Szakoly, 19.8

Compressed Hydrogen Plants:

- 1 Kazincbarcika, Linde
- 2 Budapest, Messer

Binary type geothermal power plant over 1 MWe, MWe:

- 1 Tura, 3.4

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 over 3.5 kWh/m² per day, distributed in southern part of country.
The most common wind speed is 5.0 - 6.0 m/s at 50 m are distributed in some area of western part of country.

Sources: Energydata.info