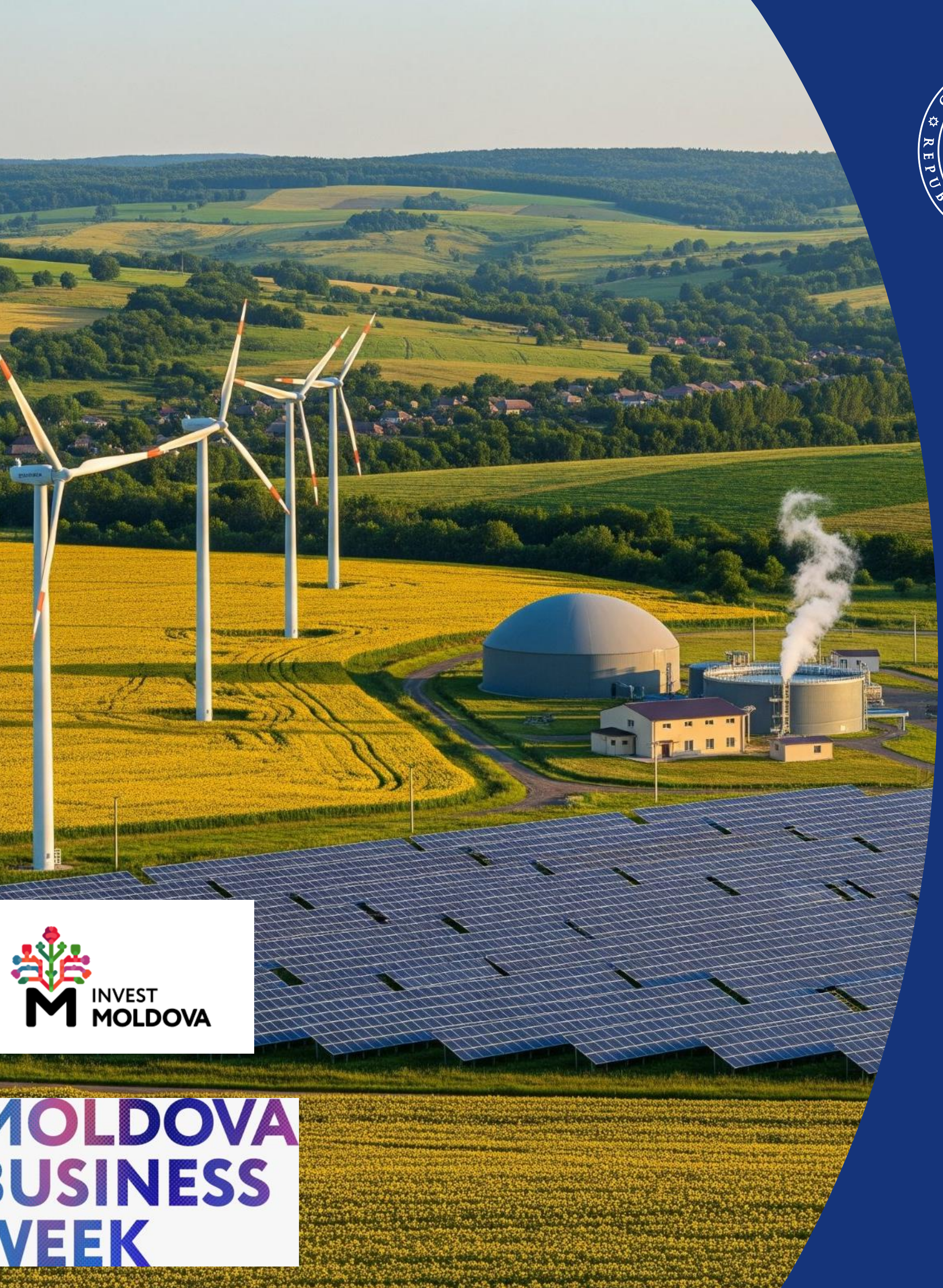


MINISTRY OF ENERGY OF THE REPUBLIC OF MOLDOVA

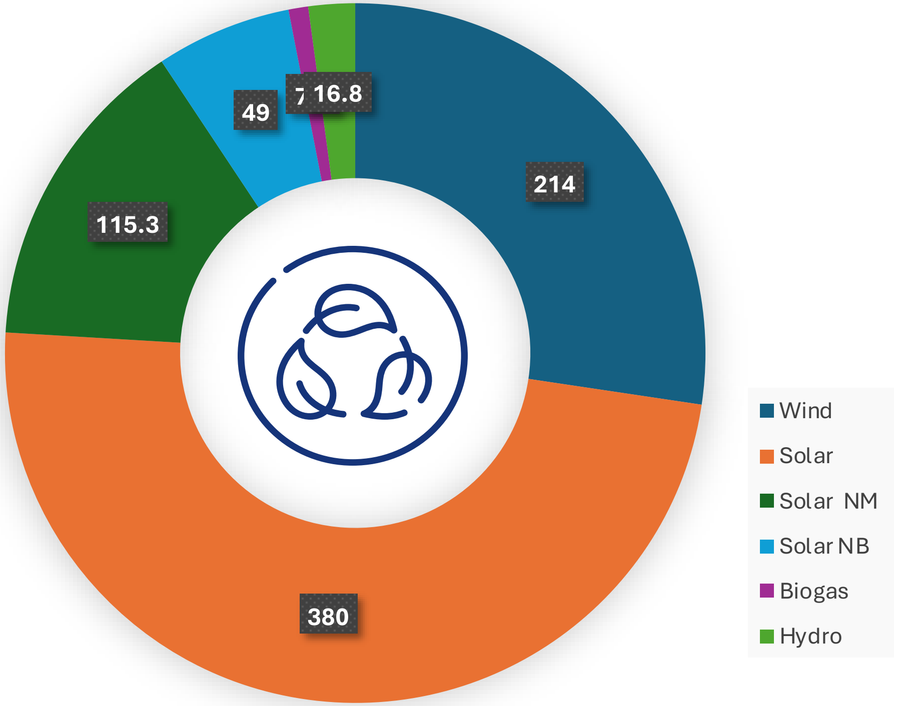
Moldova pursuing a **bold** energy transition

INVEST MOLDOVA

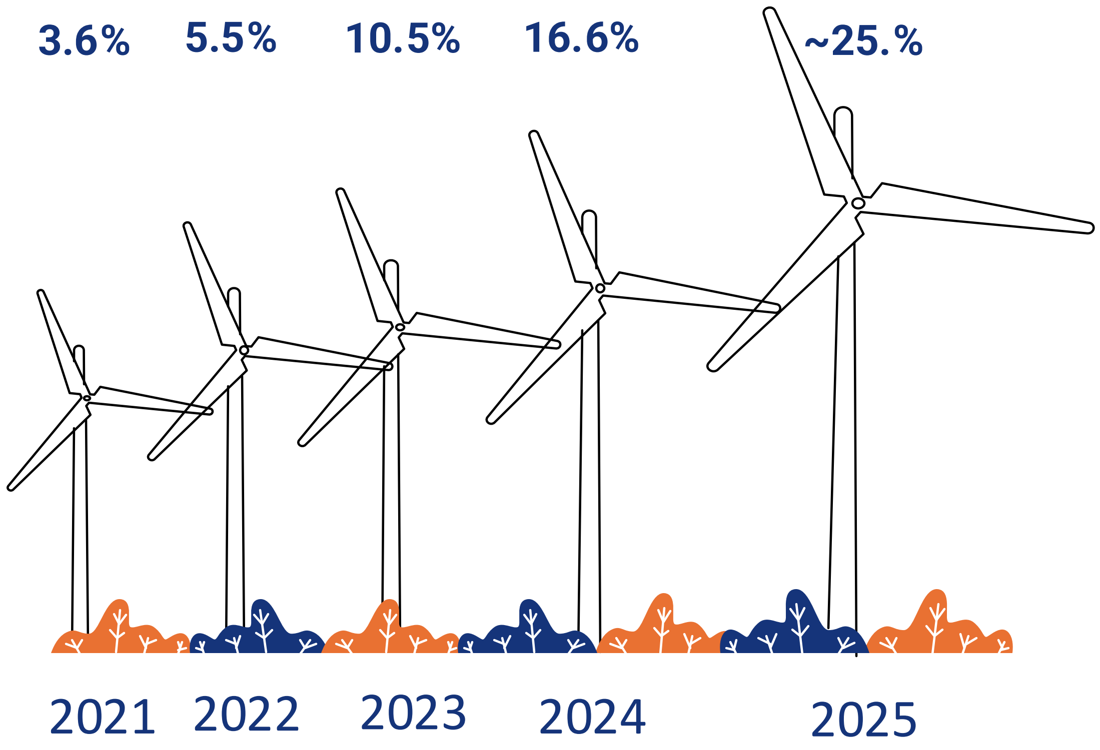
MOLDOVA BUSINESS WEEK

Evolution of the RES-E sector

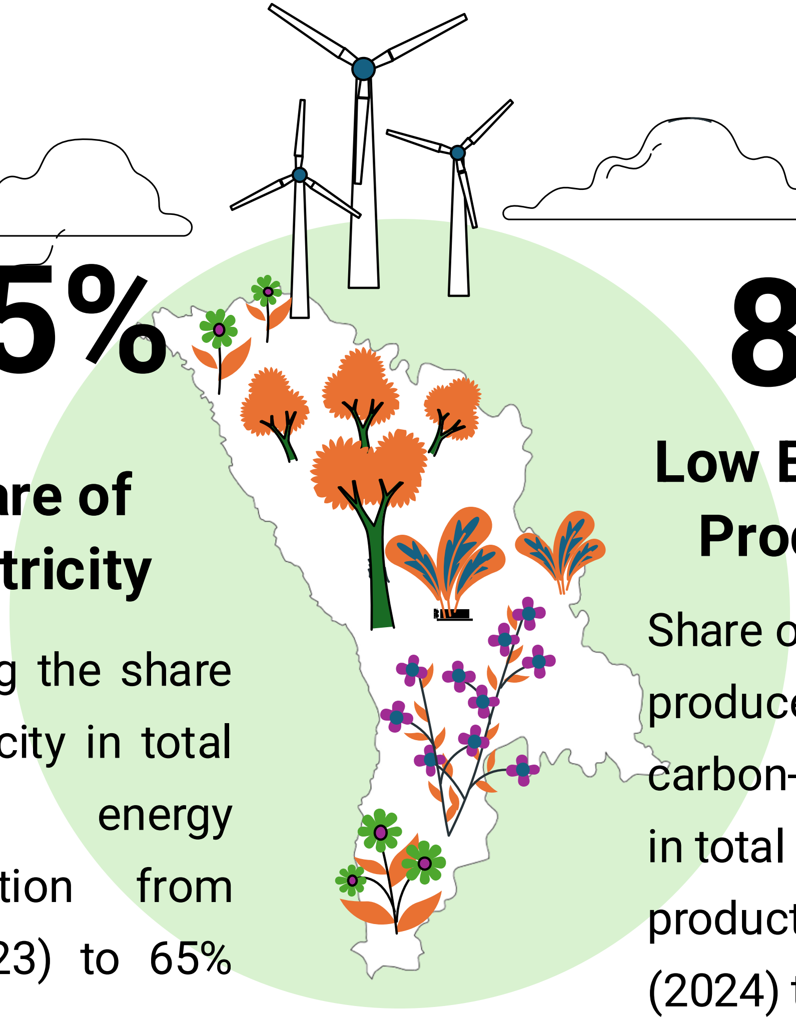
785 MW of installed capacity at the end of July 2025



% RES in total electricity consumption



Security of Energy Supply and RES-E ESM 2050



40%

Dependence on Imports

Reducing dependence on energy imports from 77% (2023) to 40% by 2050.

65%

Share of electricity

Increasing the share of electricity in total final energy consumption from 12% (2023) to 65% by 2050.

85%

Low Emission Production

Share of electricity produced from carbon-free sources in total local production: 15.11% (2024) to 85% (2050).

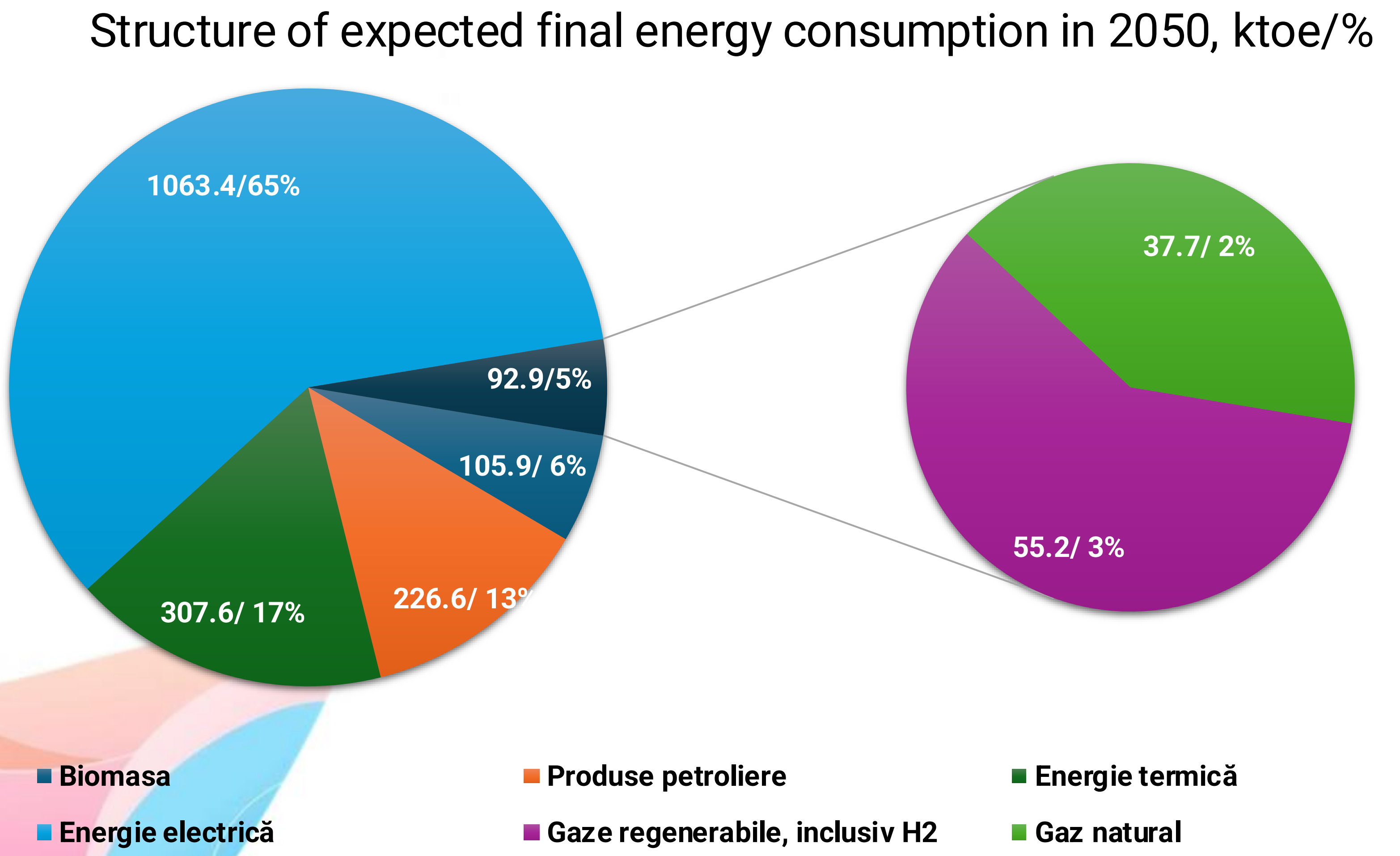
5

Interconnections Romania

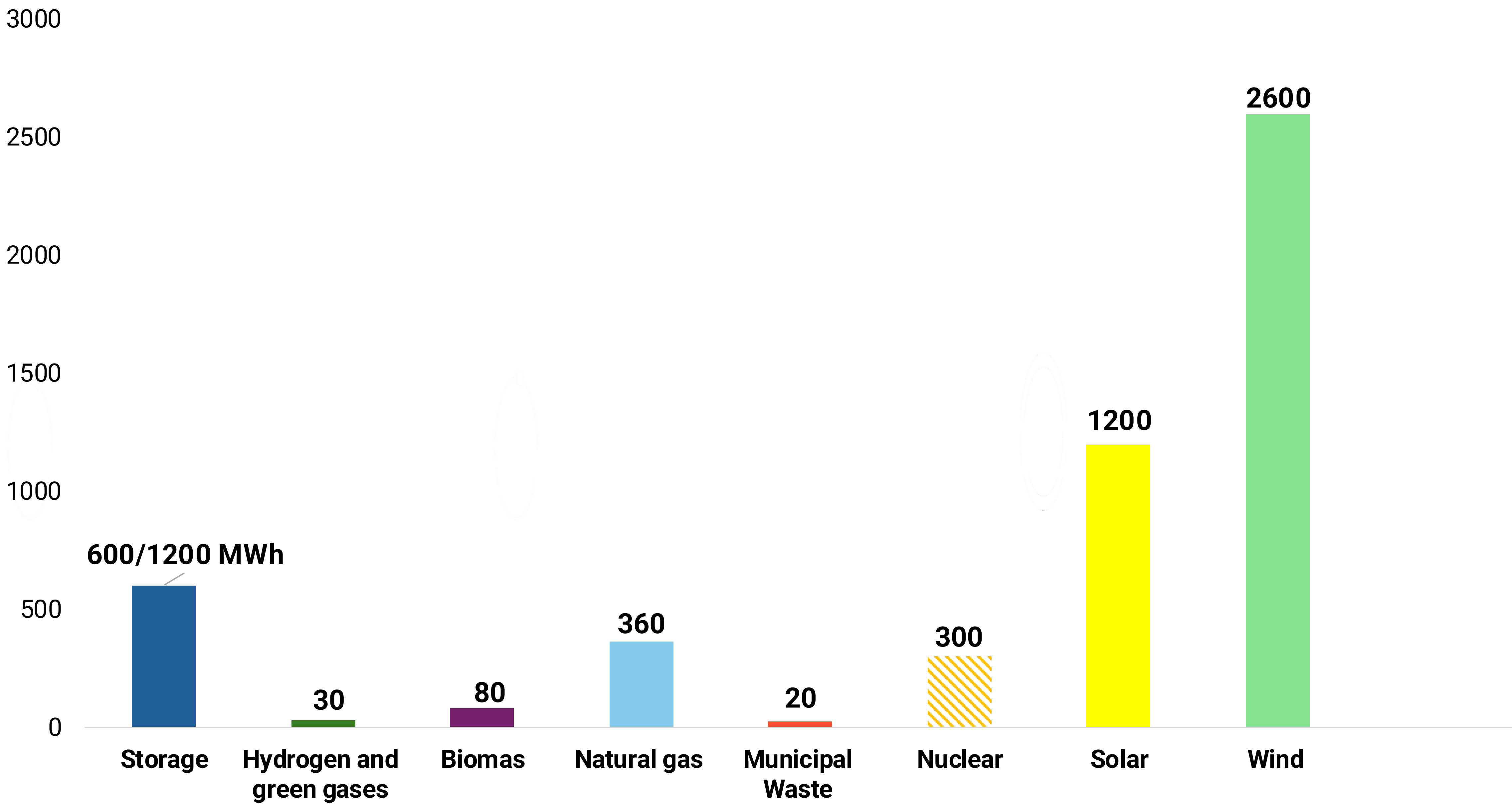
Increase the number of electricity transmission system interconnections with Romania from 1 (2021) to 5 by 2050.

The future is ELECTRIC

Final energy consumption will remain relatively constant until 2030, then decrease to around 1 800 ktoe in 2050. This decrease will be marked by an accelerated reduction in the consumption of natural gas and petroleum products.



Estimated installed capacity for 2050 (MW)



The first RES Auctions

Impact of the first RES auction

Photovoltaic – 6 winning bids
60 MW

Weighted average price **59.1 EUR/MWh** **1.167 MDL/kWh**

Contribution to the E-RES share **~ 1,8%**

Wind power – 5 winning bids
105 MW

Weighted average price **67.2 EUR/MWh** **1,33 MDL/kWh**

Contribution to the E-RES share **~ 5,6%**

**All photovoltaic plants are already commissioned*
*** All Bid performance guarantees for WPP were submitted*
******07.08.28 due date for commissioning of WPP***

- Attracting private investment~190 million EUR

- Job creation ~400 full-time equivalent jobs in the construction phase; ~40 full-time equivalent jobs for operation and maintenance.

- Reduction of CO2 emissions, ~1,368,000 m.t.

Support mechanism for awarded Projects

Selected Bidders signed **a 15-year contract**, developed by ANRE:

A Power Purchase Agreement **(PPA)**, and once the conditions of a liquid electricity market will be meet, a financially settled Contract for Differences **(CFD)**

PPA - guaranteed purchase by the Support Counterparty of the Supported Output of Wind Facility at a fixed electricity price equal to its financial bid, for a term of 15 years from the commercial operation date

CFD represents guaranteed payment of a symmetric sliding premium against the market reference price for the Supported Output in accordance with the pre-set terms and conditions

The second RES Auctions

The second RES auctions

The modelling results indicated that adittional 170 MW of wind capacity can undergo a “fixed price” mechanism + at least 22 MW/44 MWh for battery storage.

August – October 2025 - Revision of the tender Regulation and start of consultation of the tender documentation

November-December 2025 – The launch of the tender procedure.

App. February March 2026 – Submmision of offers

April 2026 – Opening of offers

New elements of the Regulation for granting the status of large eligible producer:

- **Extended scope**: inclusion of renewable energy plants (RES) with storage facilities.
- **Increased transparency**: clarification stage over the documentation allowed till the end of the tender process; all answers are public and accessible.
- **Consortium participation**: explicit regulation over status, participation rules, and member responsibilities.
- **Updated deadlines & conditions** for submission of appeals post-opening the bids.
- **Exclusion** of existing power plants from participating in the auction.
- **Return of performance guarantees** linked to the capacity commissioned and not only in the tender doc.
- **Mandatory commissioning** of storage facilities together with the RES plant.

New elements of the RES auctions:

BESS Requirement in the Support Scheme

•**Mandatory**: Investors must install a Battery Energy Storage System (BESS) to join the auction.

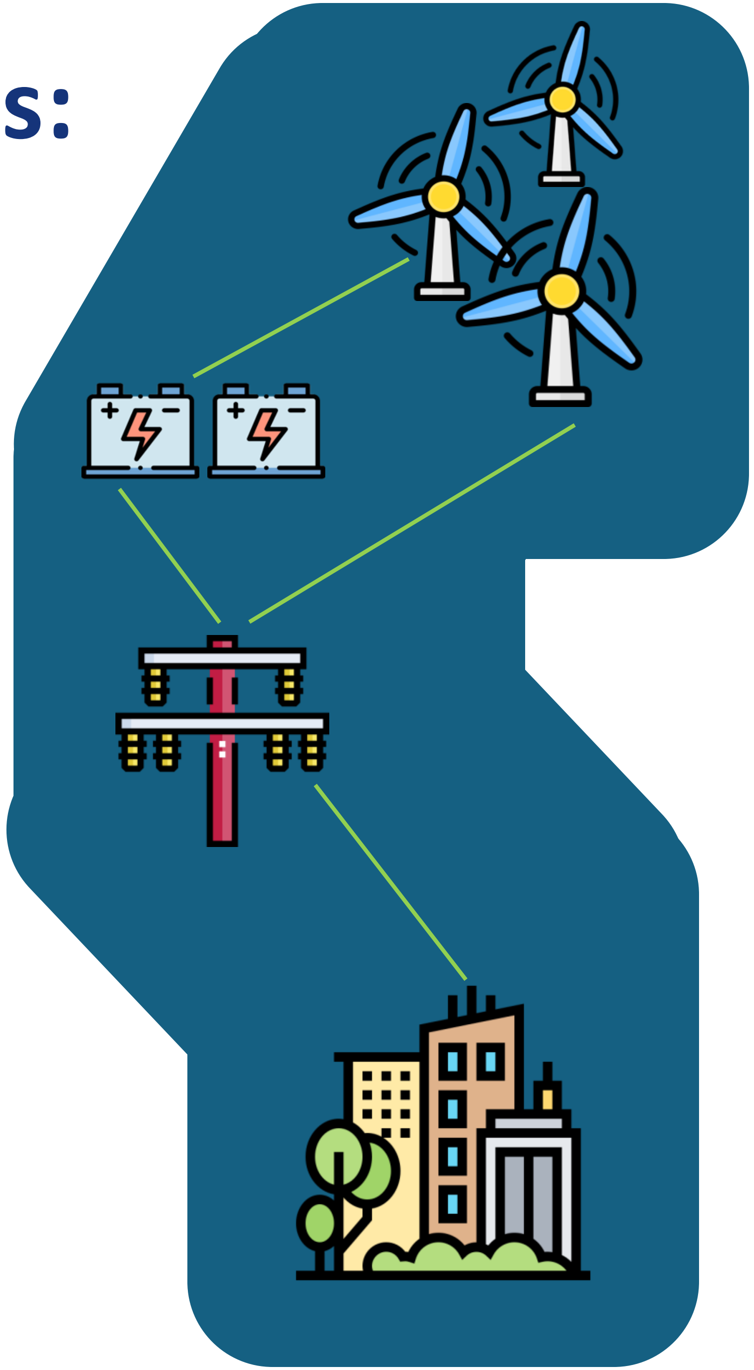
•**No cost coverage**: Support scheme does **not** cover BESS investment.

•**Flexibility**: BESS can be primarely used to reduce imbalances

•**Risk management**: Helps covering negative imbalances, which can be penalized up to **200%** of the fixed auction price.

•**Revenue potential**: BESS can also access:

- System services market
- Balancing electricity market



Source: https://www.flaticon.com/free-icons/

Pre-approval Request Requirements

Approval by Council for the Promotion of Nationally Significant Investment Projects (Law 174/2021 Regarding the Mechanism for Examining Investments of Importance to State Security**)**

The investors must submit:

- Details of shareholders/associates, including beneficial owner;
- Maximum envisaged investment value expressed in monetary units;
- Main Activity description: Commercial products and services;
- Financial statements for the last 3 years;
- Source of funds for financing the investment;
- Planned or actual investment date;
- Criminal record for shareholders/associates or beneficial owners;
- Declaration of intent to carry out the investment individually or concertedly along with supporting documents confirming concerted action;
- The Council may also determine concerted action based on its evaluations;
- The Council reviews the request within 45 days from the date of receipt.

CONSILIUL PENTRU PROMOVAREA PROIECTELOR INVESTIȚIONALE DE IMPORTANȚĂ NAȚIONALĂ

The Secretariat of the Council is provided by the Public Services Agency
dims@asp.gov.md
tel.: +373 22 50 47 37

Admissibility Criteria

Residency/Registration:
Properly registered in Moldova or jurisdiction of origin

Solvency:
Not insolvent

Operational Status:
Not in liquidation, under judicial administration…

Tax and Social Security Obligations:
Fulfilled all tax, duties, and social security contributions

Legal Compliance:
No criminal convictions for corrupt practices, money laundering, or offenses against security and public order
Not on the economic operators ban list

Sanction Compliance:
Not conducting business with countries under EU/UN sanctions or in non-cooperative tax jurisdictions

Investment Approval:
Pre-approval of planned investments by the **Council for the Promotion of Nationally Significant Investment Projects**

Beneficial Owners:
Identification and disclosure of beneficial owners

Technical Experience:
Experience in developing and operating power plants with an installed capacity of at least 4 MW (wind)

Technical Experience

Experience in developing and operating wind power plants with an installed capacity of at least 4 MW

Provide evidence of previous technical experience:

- List of developed renewable energy power plants;
- Valid commissioning certificates or similar documents.

For each power plant, submit:

- Operation and maintenance agreements, asset management agreements, or other relevant contracts showing the investor as the service provider or contractor;
- If the investor was the main contractor and outsourced O&M services, provide the main O&M contract with the project company.

Qualification criteria

Technical Capability

- Project description: location, main objectives, technical specifications
- Commitment statement from the Investor on compliance with national standards and the Electricity Networks Code
- Commitment statement confirming all main equipment is newly manufactured and unused, produced less than 36 months before commissioning
- Construction schedule, including start and expected completion dates

Qualification criteria

Land Eligibility for the Power Plant Location

- Site and zoning plan, including connection installation location and access roads;
- List of land parcels for the Power Plant development and placement;
- Copies of documents proving real right of possession of listed land parcels (ownership, superficies contracts, concession contracts, immovable register extracts).

Environmental Protection Requirements

- Permissive Act as per the Law on Environmental Impact Assessment No 86/2014

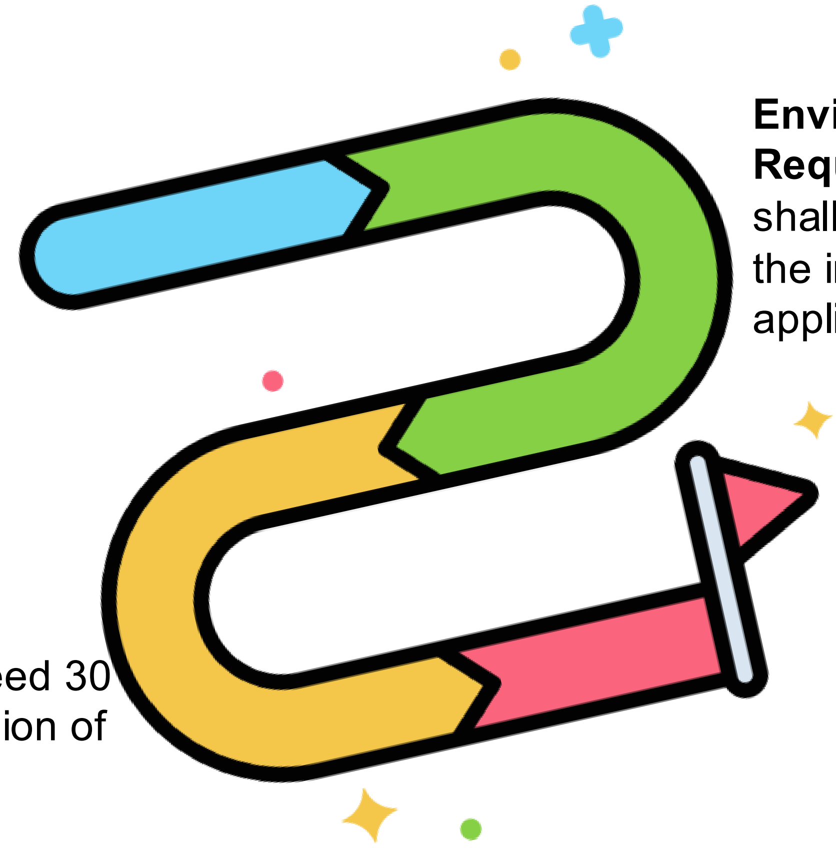
Connection Notice

- Valid Connection Notice from the system operator
- PSO for the winning producer and placed on the top of the waiting list for grid permit allocation list

Roadmap

Investor undertakes to submit the Roadmap, committing to obtain, based on an action plan the necessary documents for the development and operation of the Power Plant

Land Eligibility for the Power Plant Location - The time limit shall not exceed 24 months from the intended date of submission of applications and Bids



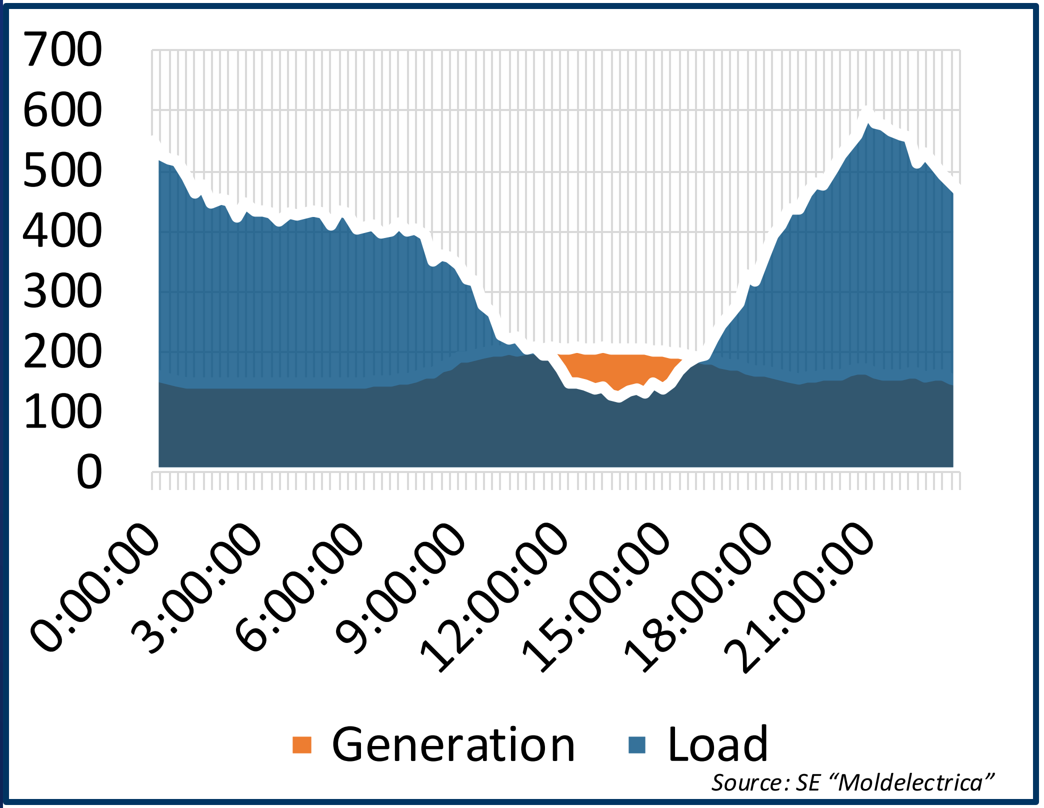
Environmental Protection Requirements - The time limit shall not exceed 30 months from the intended date of submission of applications and Bids

Grid Permit - The time limit shall not exceed 30 months from the intended date of submission of applications and tenders

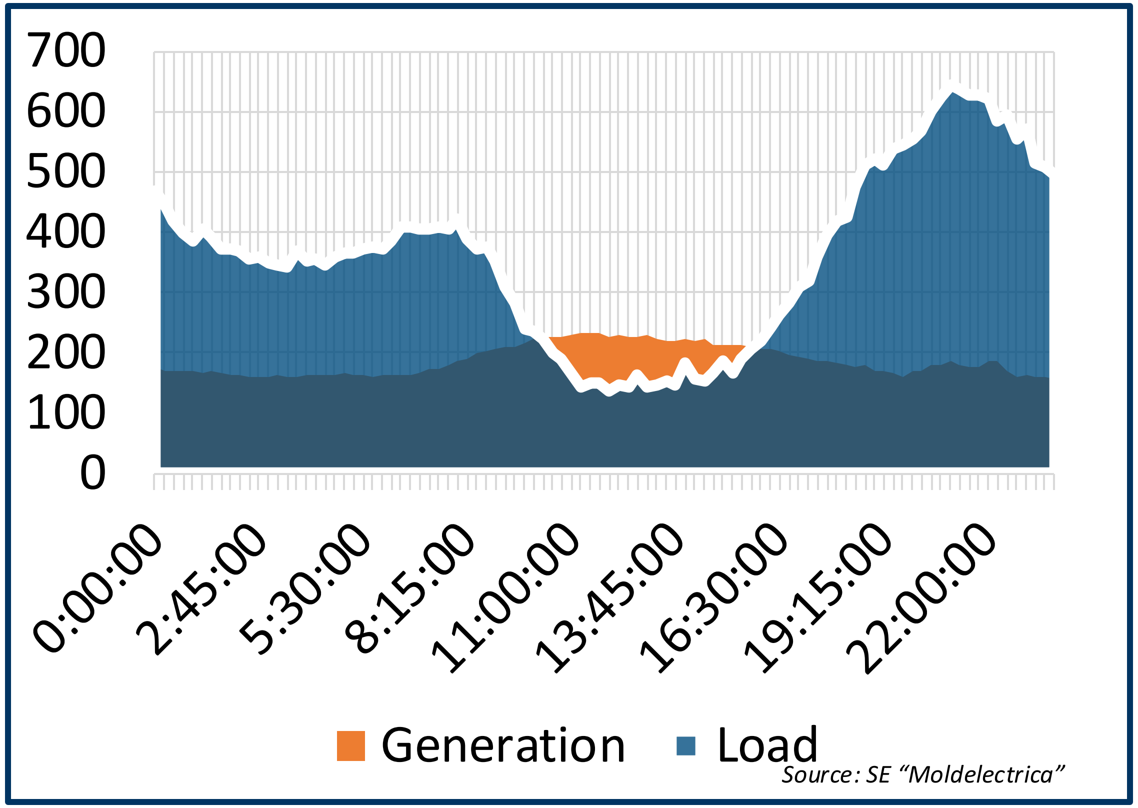
Amendments to the RES Law set public service obligation for system operators to prioritize conection of winers

System services market and balancing capacity auctions

Security of electricity supply from January 2025



Orthodox & Catholic Easter

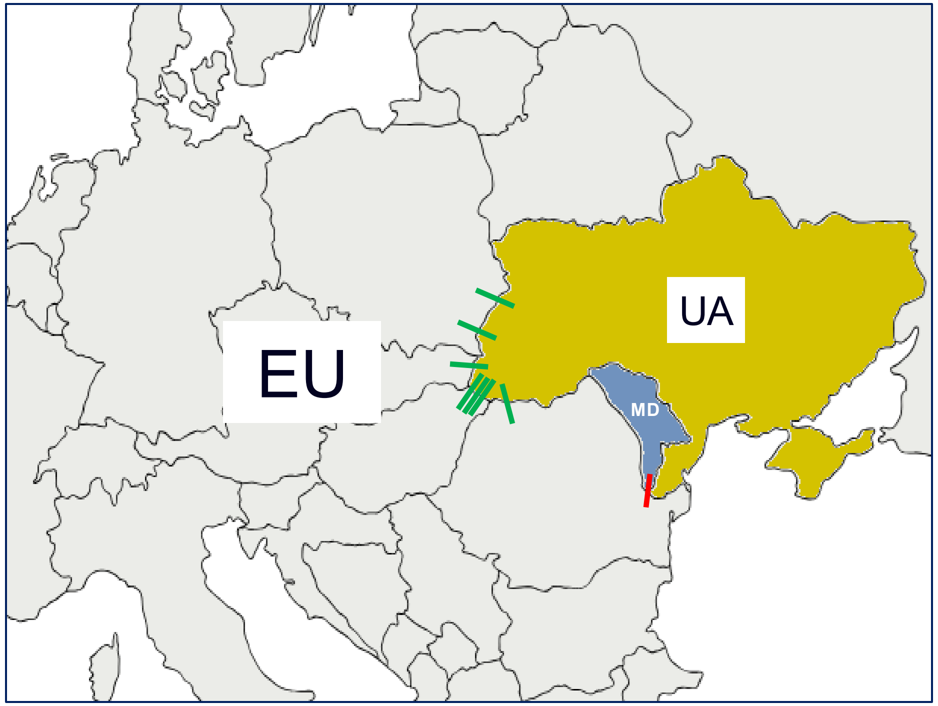


Memorial Easter (Blajini)

Net transfer capacity at the borders Moldova

Current:
Moldova - Romania NTC border according to the distribution rules

(MD>RO: 0-135 MW, RO>MD: 0-255 MW).



From July 3, 2025 increased from 97 to **135 MW**

From April 1, 2025 decreased from 315 to 255 MW

The Republic of Moldova, due to implemented ID allocation processes on MD-RO border and with the support of EU institutions and countries in the region, benefits from 1 January 2025 from the possibility of **reallocating the NTC not used by the UA on daily auctions across the RO-MD border**, which on average allowed to increase NTC by 350 MW in addition to default 255 MW calculated for MD daily allocations.

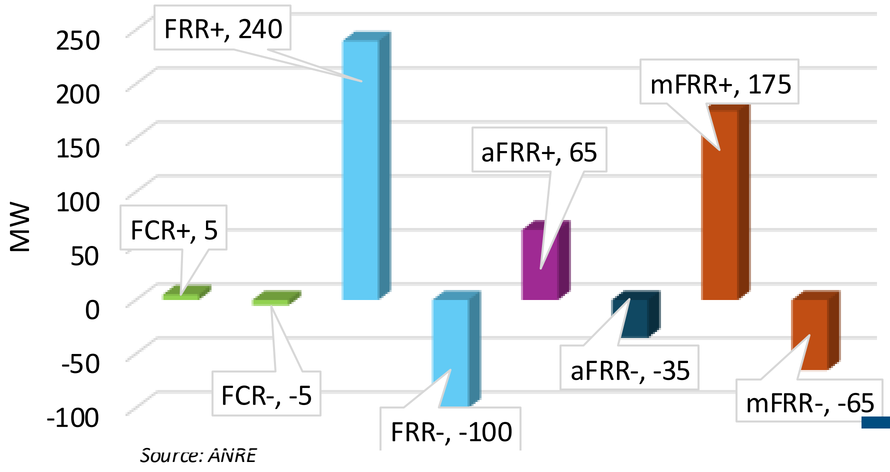
From July 2025, **New process to calculate net transfer capacity at the borders of Ukraine and Moldova.**

In the context of import limitations there is an urgent need to develop an electricity balancing market.

Electricity balancing market

Transmission System Operator SE "Moldelectrica"

Report on production unit testing and data regarding ancillary service requirements:



The estimated **capacity reserve requirements necessary for the TSO** to operate the system and ensure the continuous balance between consumption and generation.

The National Agency for Energy Regulation of the Republic of Moldova (ANRE)

On **May 30, 2025** ANRE approved the **Decision on the launch of the system services market and the balancing electricity market.**

- Launch of the tender for the procurement of new balancing capacities – **September 2025** .

- Frequency Stabilization Reserve ("FCR") **+/- 5 MW**
- Automatic frequency restoration reserves ("aFRR") **+ 65 MW** and **- 35 MW**
- Manual frequency restoration reserves ("mFRR") **+ 175 MW** and **- 65 MW**

Roadmap for system services market and balancing capacity auctions

Transmission System Operator
SE "Moldelectrica"

SE „Moldelectrica” Roadmap for launching the system services market and auctions for balancing capacity

#	Action	Deadline
1	Development of qualification procedure for providing system services (in accordance with RPEE and Grid Codes)	March 2025
2	Preparation of the report on the results of testing the available / existing balancing capacities	April 2025
3	Updating the Moldelectrica information system	July 2025
4	Adjustment of the transmission service tariff by including the costs for purchasing system services	July 2025
5	Amendment of the RPEE to ensure a functional framework and harmonization of RPEE with the requirements of the Grid Codes	May 2025
6	Development of procedures, framework contracts for procurement of system services and adjustment of procedures and framework contracts for balancing energy from existing sources	May 2025
7	Development of procedures, framework contracts and terms of reference for the procurement of new balancing capacities	June 2025
8	**Launching the tender for the procurement of new balancing capacities**	**September 2025**
9	Conducting the tender for the procurement of new balancing capacities	November 2025
10	Evaluation of offers	December 2025

MINISTRY OF ENERGY OF THE REPUBLIC OF MOLDOVA

Thank you!