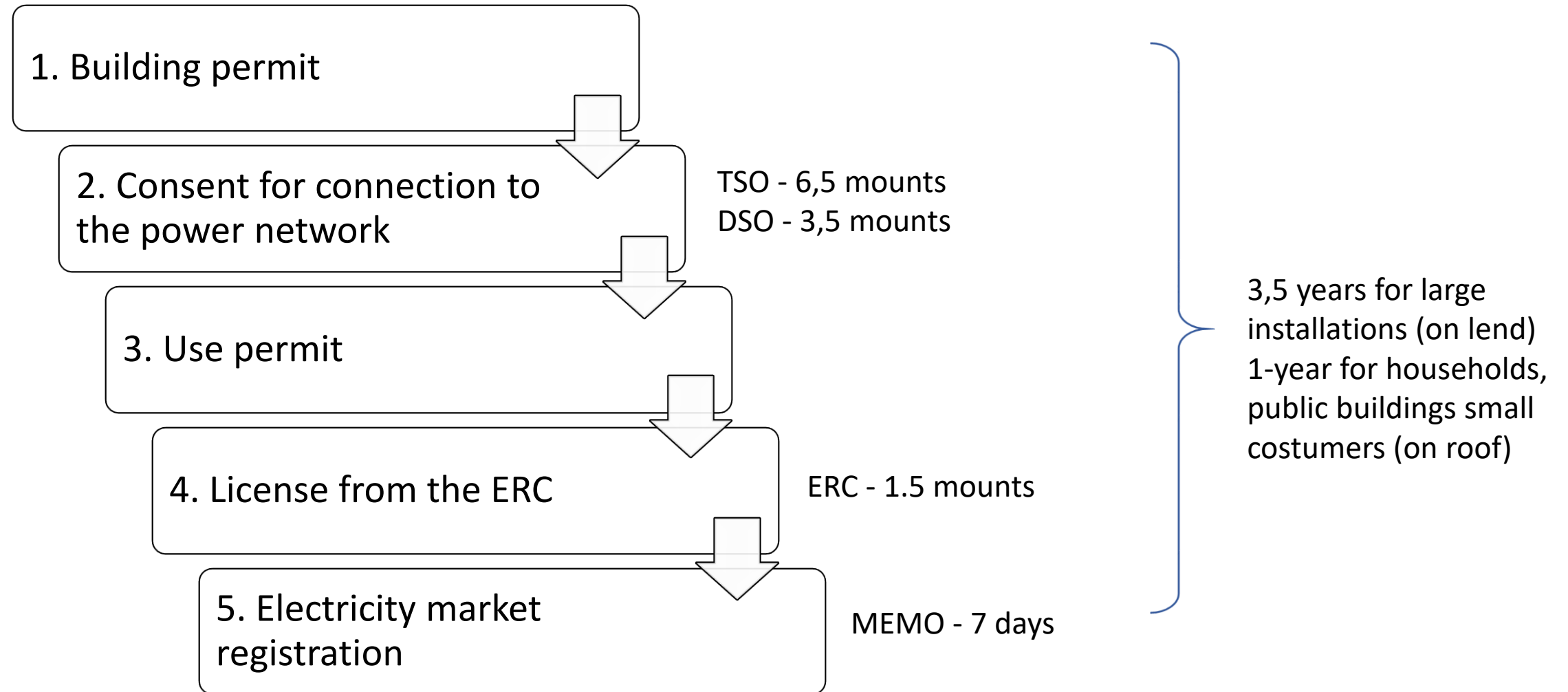


Renewable energy permitting process: from complexity to integrity

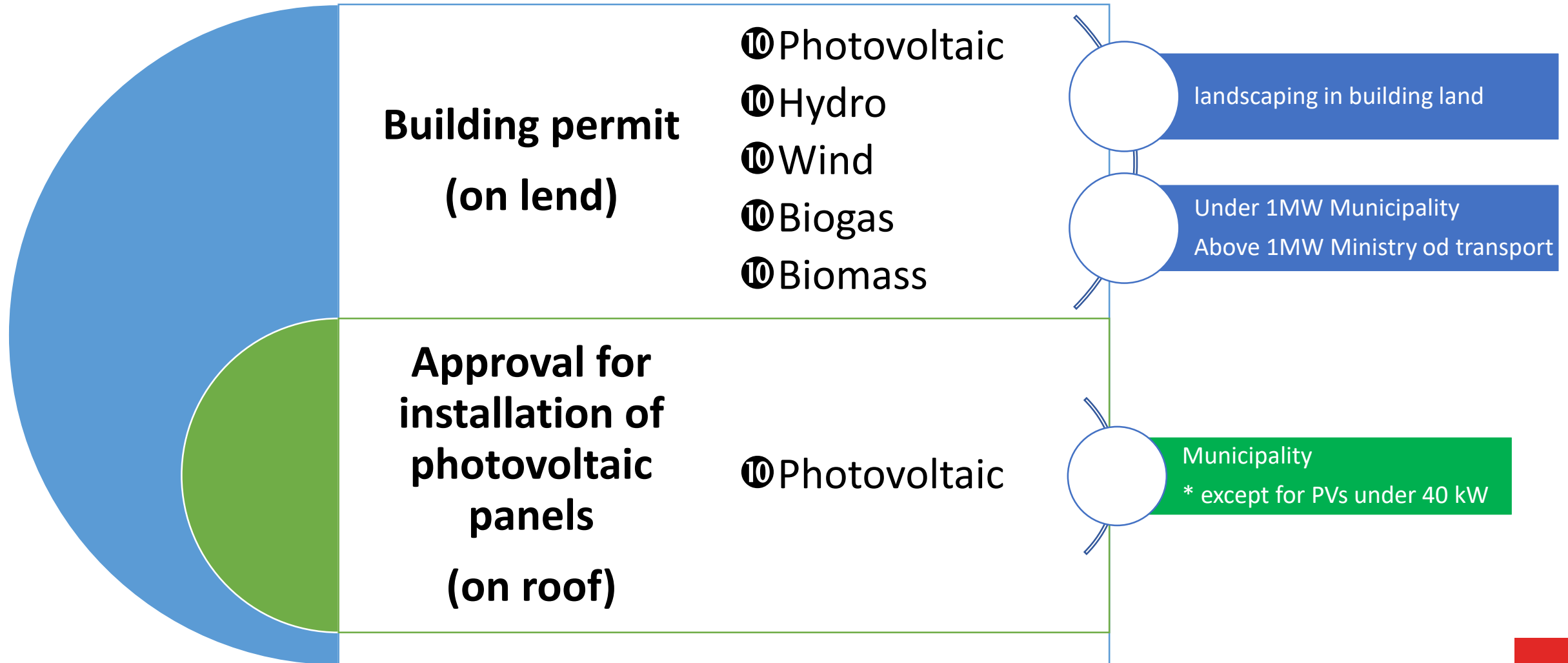
Marija Nikolovska,
Head of the Department for Legal Affairs and Licenses in the Field of Electricity,
MSc in Energy Regulation

Energy, Water Services and Municipal Waste Management Services Regulatory Commission
of the Republic of North Macedonia

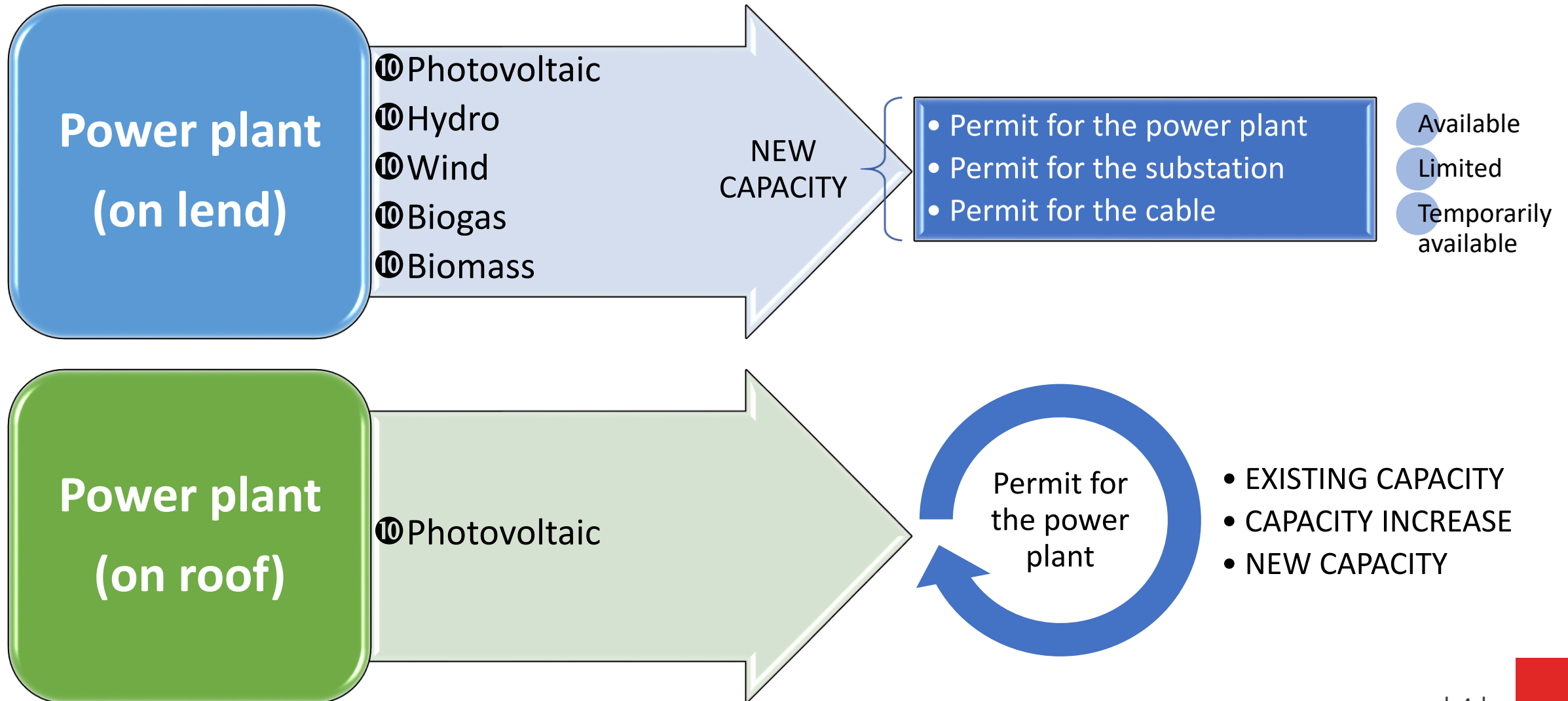
Order of procedures



1. Building permit



2. Consent for connection to the power network



Network capacity



Transmission network capacity for OIE

1500 MW

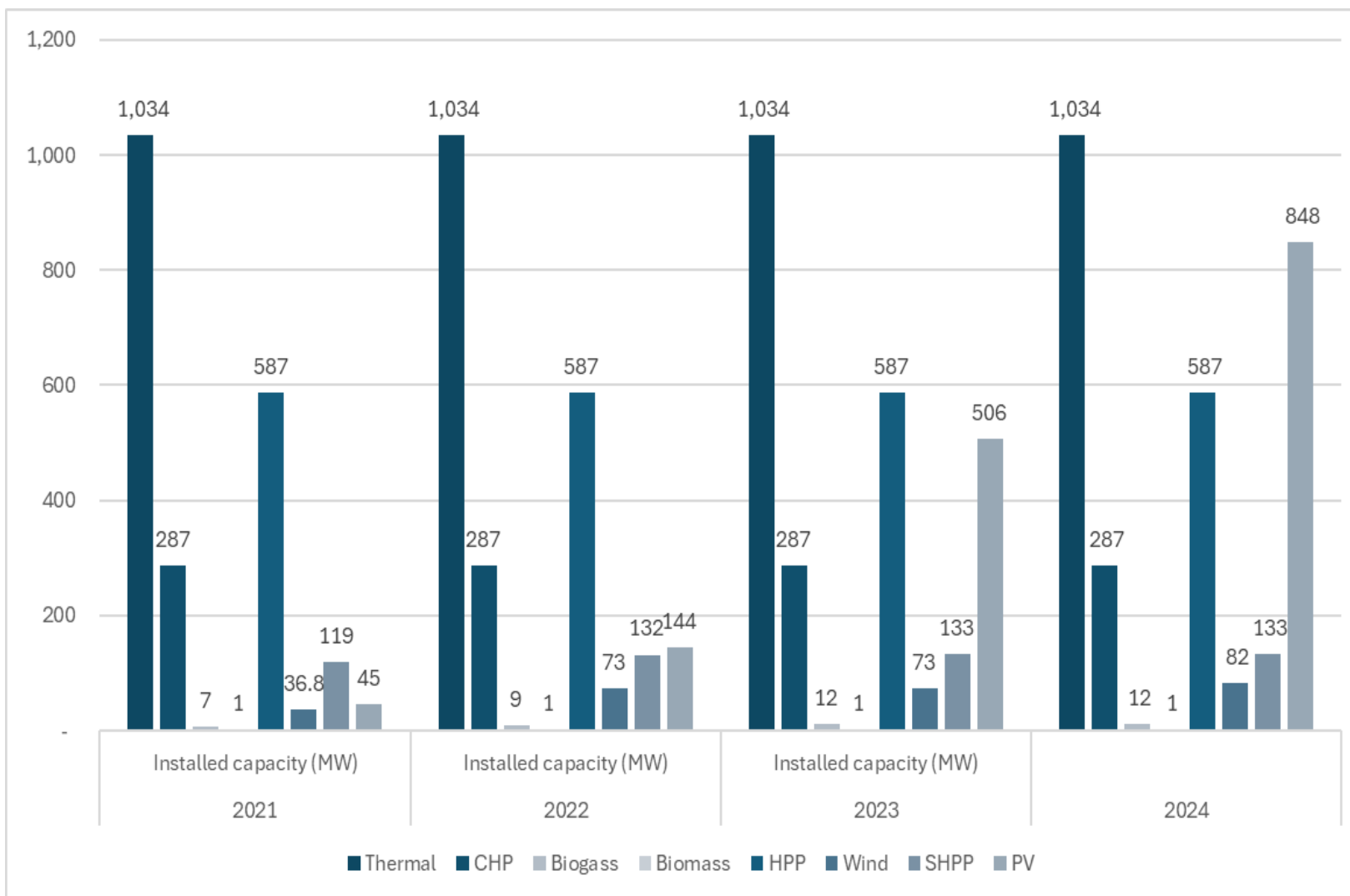
TSO & DSO

- 1.068,16 MW connected to the grid
- 1.166,13 MW Issued consent

Problem - Balancing etc.

Solution - electricity storage and strengthening the evacuation capacities of the transmission system

Installed capacity



- Total installed capacity in North Macedonia is 2.984 MW
- RES is represented with 1.663 MW or 55,72%
- The highest share are PVs with 28,4,% and after that HPPs with 23,5%
- PVs installed capacity increased 68% in 2024 compared to 2023 and 4,9 times compared to 2022 !

3. Use Permit

- **Use permit by the Ministry of transport**
 - Power plant on land above 1 MW
- **Report on the technical review and commissioning by the supervising engineer**
 - Power plant on land under 1 MW
 - Power plant on roof
- **For power plant on roof under 40 kW - A statement from the contractor, submitted to the competent municipality, confirming that:**
 1. The photovoltaic power plant has been installed in accordance with the basic project
 2. The maximum installed power of the photovoltaic power plant is within the prescribed limits
 3. The photovoltaic power plant is connected to the electricity infrastructure and
 4. The photovoltaic power plant can be put into use

4. License from the ERC

Legal entity for production of electricity

Property and legal affairs

Basic project

Building permit

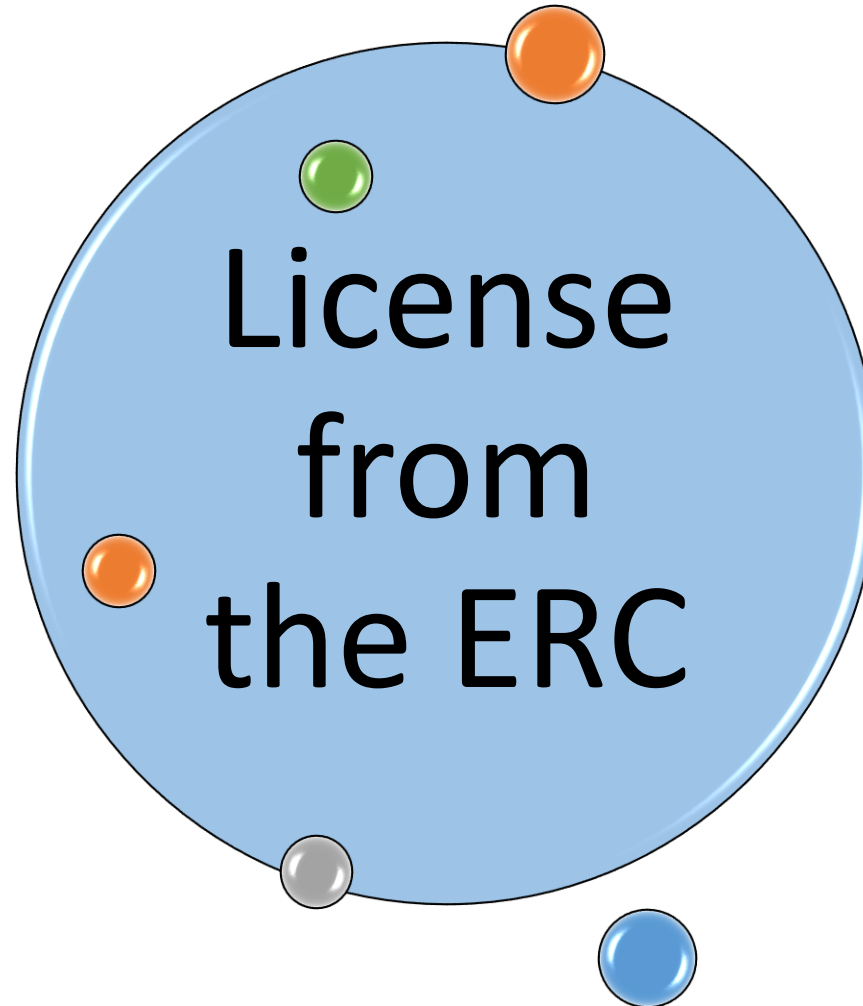
Consent for connection to the power network

Use permit

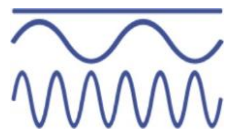
Issued licenses from the ERC

Energy activity	Active licenses issued from 2004 by the end of 2021	Active licenses issued in 2022	Active licenses issued in 2023	Active licenses issued in 2024	Active licenses Issued from 2004 by the end of 2024
Electricity transmission	1	/	/	/	1
Electricity market organization and operation	1	/	/	/	1
Electricity distribution	2	/	/	/	2
Electricity generation	213	225	466	327	1231
Electricity supply	33	9	6	7	55
Trade in electricity	43	10	11	6	70
TOTAL	293	244	483	340	1360

5. Electricity market registration



& Regulated balance
responsibility



**THANK YOU
FOR YOUR ATTENTION!**

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