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SOLARPOWER SUMMIT 2025
WELCOME TO THE SOLAR FLEX ERA

FLEX

**NATIONAL DEEP-DIVE:
SOLAR AND STORAGE
STORIES FROM
CENTRAL AND
EASTERN EUROPE**



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CATARINA AUGUSTO

Senior Grids and Flexibility Advisor,
SolarPower Europe

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Jan Fousek

Chairman of the Board, Solar Association,
CEO, Czech Energy Storage Association (AKU-
BAT CZ)



Irena Gajewska

Vice-President,
Polish Photovoltaics Association (PSF)



Nikola Gazdov

Chairman,
APSTE (Bulgaria)

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SPEAKERS



Andrei Manea

Executive Director,
RPIA (Romania)



Catarina Augusto

Senior Grids and Flexibility Advisor,
SolarPower Europe

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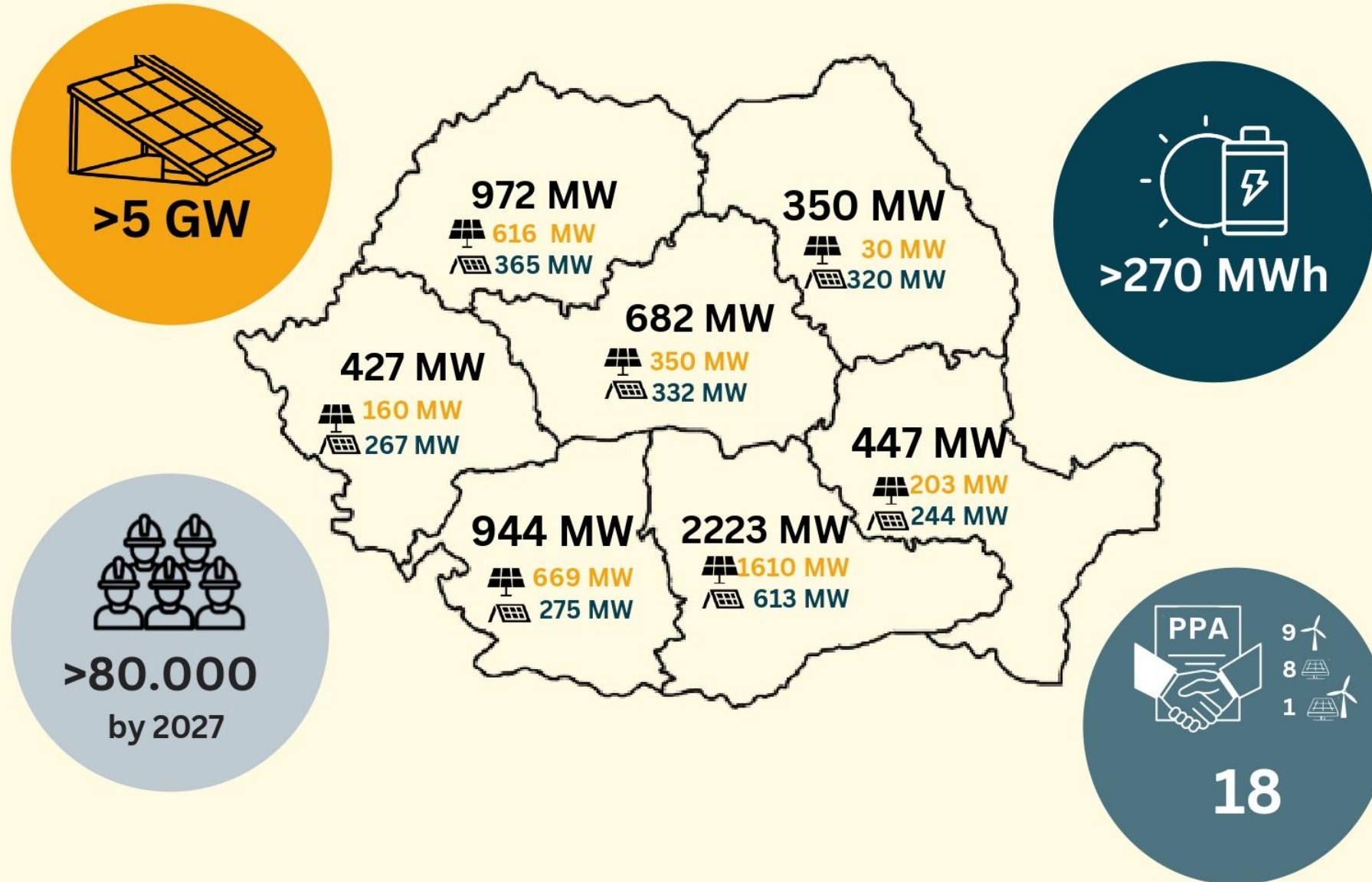
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ANDREI MANEA

Executive Director,
RPIA (Romania)

Overview of Romania's PV market



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JAN FOUSEK

Chairman of the Board, Solar Association,
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CZECHIA: STATE OF SOLAR & STORAGE

SolarPower Summit, Brussels 2025

Jan Fousek

Chairman of the Board, **Solar Association**

CEO, **Czech Energy Storage Association (AKU-BAT CZ)**



SOLAR + ENERGY STORAGE (END OF 2024)

2023

945 MWh

new batteries connected

970 MWp

new PV connected

2024

506 MWh

new batteries connected

967 MWp

new PV connected



SOLAR + ENERGY STORAGE (END OF 2024)

4,5 GWp

total installed PV capacity

2 GWh

total battery capacity combined with PV

81 % of newly installed PVs are built with batteries



STATE OF SOLAR SECTOR IN CZECHIA

- Transition **from residential to C&I and utility-scale projects**
- Significant **drop of interest in residential sector**: cuts in subsidies for households & „low“ energy prices
- Large projects - **big problem with DSO capacities** (for PV as well as for BESS) and permitting
- Economics of large-scale projects – **missing CfD and PPAs**
- Still very **few ground-mounted systems**, but more projects coming online this year
- Delays in subsidies for C&I solar + storage from Modernization fund
- Advanced rules for Agri-PV
- Unstable investment environment – **recurring cuts in subsidies for existing PV**



STATE OF STORAGE IN CZECHIA

- **Storage & Flexibility finally legally anchored**. Signed by the President, effective from **Oct 1st 2025**
- Czech TSO and Energy Regulatory Office very supportive – finalization of secondary legislation
- **Double-charging elimination & favorable fees** for stand-alone BESS
- **Reluctant approach of** (some) **DSOs**
- **Speculative capacity reservations** – blocking grid capacity, limiting new RES and BESS projects
- Subsidies (Mod. fund) quite generous & **new call for stand-alone BESS** to be announced in 2 weeks
- Ban of Loadbanks expected from 1/2026 – even higher need for BESS & Flexibility

THANK YOU

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SOLÁRNÍ ASOCIACE
SLUNCE • ENERGIE • AKUMULACE



AKU-BAT CZ
Association for Energy Storage



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IRENA GAJEWSKA

Vice-President,
Polish Photovoltaics Association (PSF)

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NIKOLA GAZDOV

Chairman,
APSTE (Bulgaria)



APSTE
Association for Production,
Storage and Trading of Electricity



Solar Power Summit
Brussels, 26-27 March 2025

National deep-dive: Solar and Storage in Bulgaria

Nikola Gazdov
Chairman, APSTE
26.03.2025

APSTE - Members



Solar and BESS in Bulgaria



Hybrid Project Pernik | 30 MW Solar + 32 MW/61 MWh BESS

SUNNY WITH CLOUDS

- 4 GW new solar since 2020 (5 GW in total). No new wind in >10 years
- 6 GW solar & wind at late stage of development – COD in 2026-27
- Solar > 70% share in the spring. Volatility and low wholesale prices
- Reform simplified hybrid RES + BESS – annex to grid agreement
- Two hybrid solar + BESS commissioned in 2024 – ca. 60 MW/120 MWh

BESS TO IMPRESS

- Light permitting and NRRP subsidies attract BESS developers
- Requests for 10 GW/28 GWh. EUR 25.000/MW guarantee for BESS
- 7 GW/21 GWh stand-alone BESS with grid connection agreements
- Anticipation of 2 GW/5 GWh to be installed by end of 2026
- Biggest BESS in BG (and in EU?) by industrial user - 125 MW/500 MWh

What next for BESS?

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Increasing share of RES requires flexibility for reliable grids management. BESS can provide multiple services – load shifting, reduced congestion, voltage support, frequency regulation, ancillary services etc.

SAFETY AND RELIABILITY

Massive BESS rollout makes safety and reliability paramount
Focus on technologies that minimise risks and offer operational efficiency

POPULAR SUPPORT

Adoption of RES & BESS requires public support.
Engaging communities and educating the public is critical for acceptance.
Misinformation & disinformation – part of hybrid war against EU.





SPREAD THE WORD

Solar plus storage help decrease electricity costs and increase energy autonomy.

Renewables contribute to a more competitive Europe that is less dependent on importing fossil fuels.

THANK YOU!

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RE-Source SEE (5th edition) – 21 & 22 May 2025, Sofia

RE-Source Southeast – largest renewable corporate sourcing event in SEE region.

Over 600 attendees sharing best practices, opportunities and challenges for corporate renewable energy power purchase agreements (PPAs), business strategies for decarbonization in Greece, Romania and Bulgaria.



RE-Source SEE brings together a diverse group of stakeholders – developers, investors, industrial consumers, financing institutions and advisors



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