



*National Energy and Utilities
Regulatory Commission of Ukraine*



Ukraine:
state of play and last updates

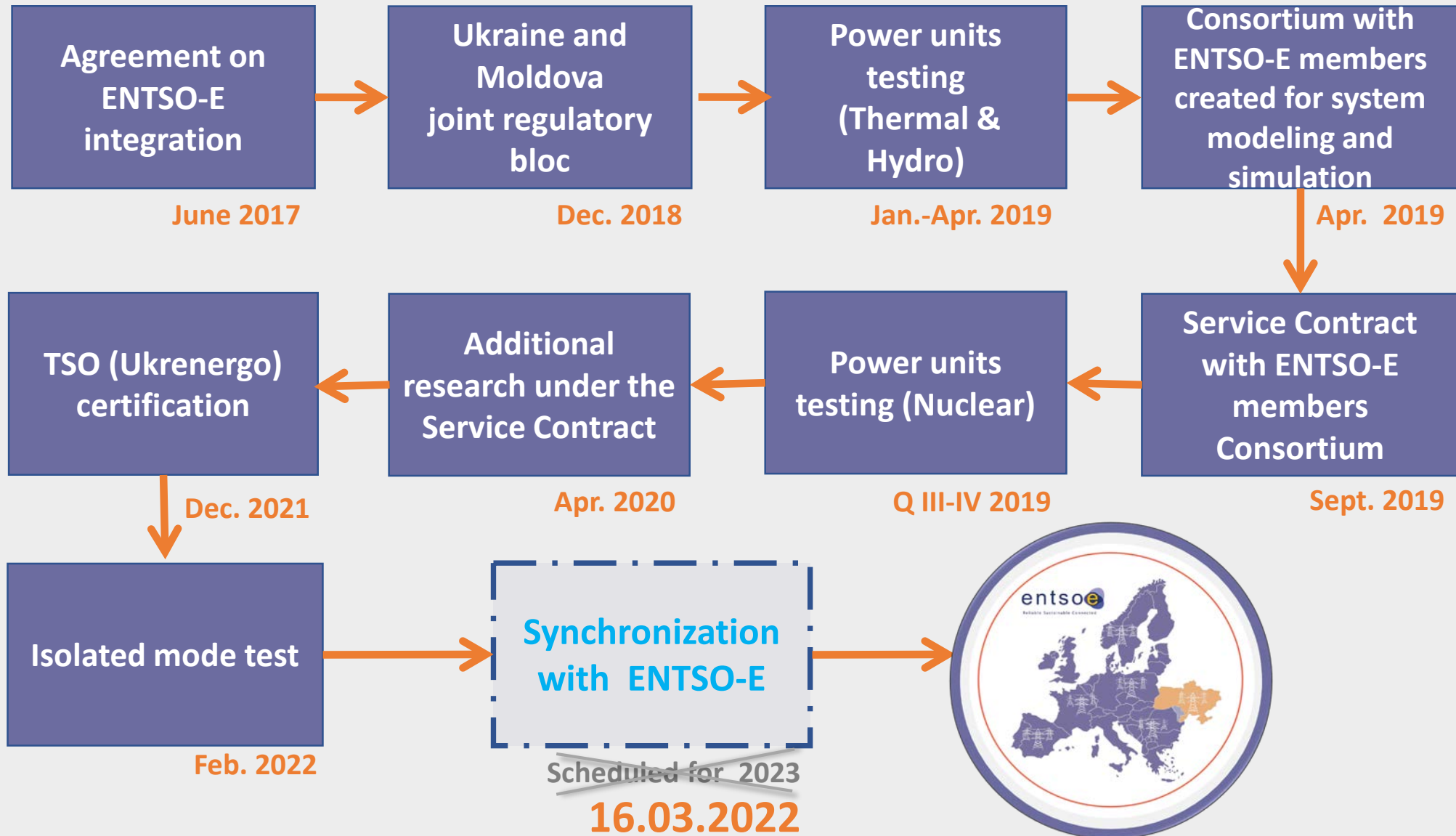
*51st Energy Community Regulatory Board Meeting
April, 13*

NEURC

Synchronization with ENTSO-E

6 years
of preparation

> €700 mln
investment



Further steps for integration



УКРЕНЕРГО
Національна енергетична компанія

NPC “UKRENERGO” - certified electricity transmission system Operator

Ukrainian grid continues to operate synchronously with continental Europe maintaining a frequency of **50 Hz**

28 days

Main directions for further integration

- TSO membership to ENTSO-E as an Observer
- Joint auctions for cross-border transmission capacity rights
- Participation in ITC mechanism
- Cross-border exchanges of balancing services and reserves
- ENTSO-E network codes implementation: Operation; Emergency and Restoration
- Market coupling

+

Further development of legislation (implementation of EU regulations)

Martial law challenges and measures taken for Ukrainian Energy System

Main challenges:

As of 11th April - more than **972** settlements in Ukraine - without electricity (\approx **695 000** consumers).
Almost **296 000** consumers - without gas supply.

- ▶ dramatic decline of financial settlements
- ▶ significant reduction of consumption (- 30%)
- ▶ rising fuel prices and shortages
- ▶ lack of real possibility of commercial forecasting (incl. due to the chaotic and atypical nature of supply and demand, etc.)



Taken Measures:

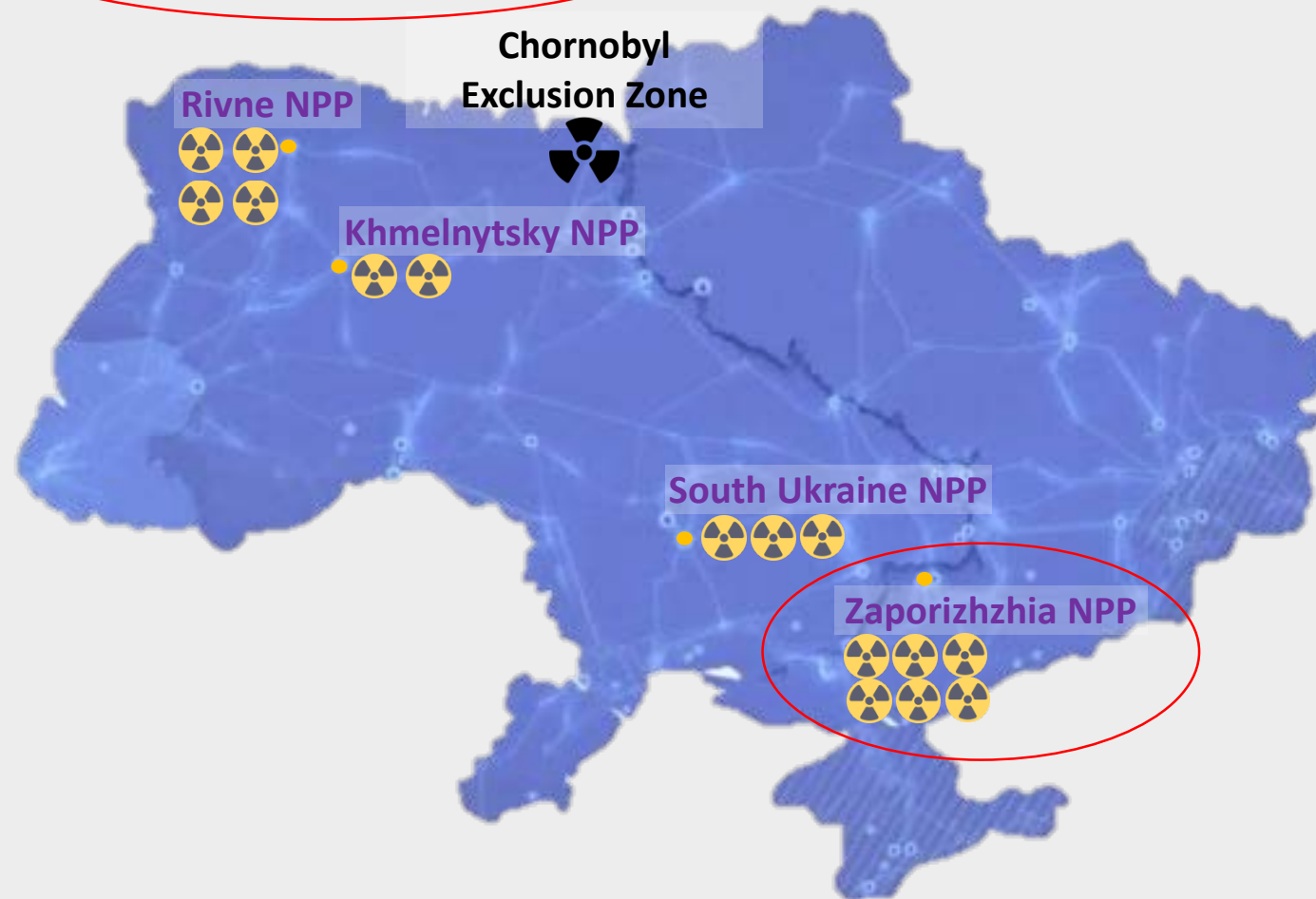
implementation of investment programs of network operators is temporarily suspended
(funds can be redirected primarily to restore supply).

simplified procedure for **connection to the grids** was adopted.

Nuclear Energy of Ukraine



Chornobyl NPP personnel were working
≈ 600 hours without rotation!



15 nuclear power units

Total installed capacity: **13,835 GW**

Covers > **51%** of electricity needs

All power units (incl. at Zaporizhzhia NPP) are maintained by Ukrainian personnel and follow the dispatch commands of Ukrainian TSO

IAEA mission to Ukraine (March, 29th) - planning delivery of urgent technical assistance to ensure the safety and security of the nuclear facilities



Thank you for your attention

Get in touch



<https://www.nerc.gov.ua/>



<https://www.facebook.com/nerc.gov.ua>



[Telegram: Contact @NEURC](https://www.telegram.com/contact/@NEURC)



<https://www.youtube.com/channel/UCR-iJgGoHV1MjZ43dOzidJA>