



**UKRENERGO**

State enterprise | National power company

2nd Meeting of PECO/ PMI Selection Group: electricity group

(Energy Community Secretariat, Vienna)



New Energy Strategy of Ukraine "Safety, Energy Efficiency, Competitiveness" until 2035 is a policy document, which encapsulates a whole range of far-reaching reforms in the energy sector of Ukraine until 2035 and approved by the Cabinet of Ministers on August 18, 2017.



Until 2020 - Implementation of most of the measures for integration of the IPS of Ukraine into ENTSO-E



Until 2025 - Integration of the IPS of Ukraine into ENTSO-E in operation mode



### **On June 28, 2017 In Brussels**

Agreement on the Conditions for Future Interconnection of Power System of Ukraine with Power System of Continental Europe was signed



The Agreement came into force

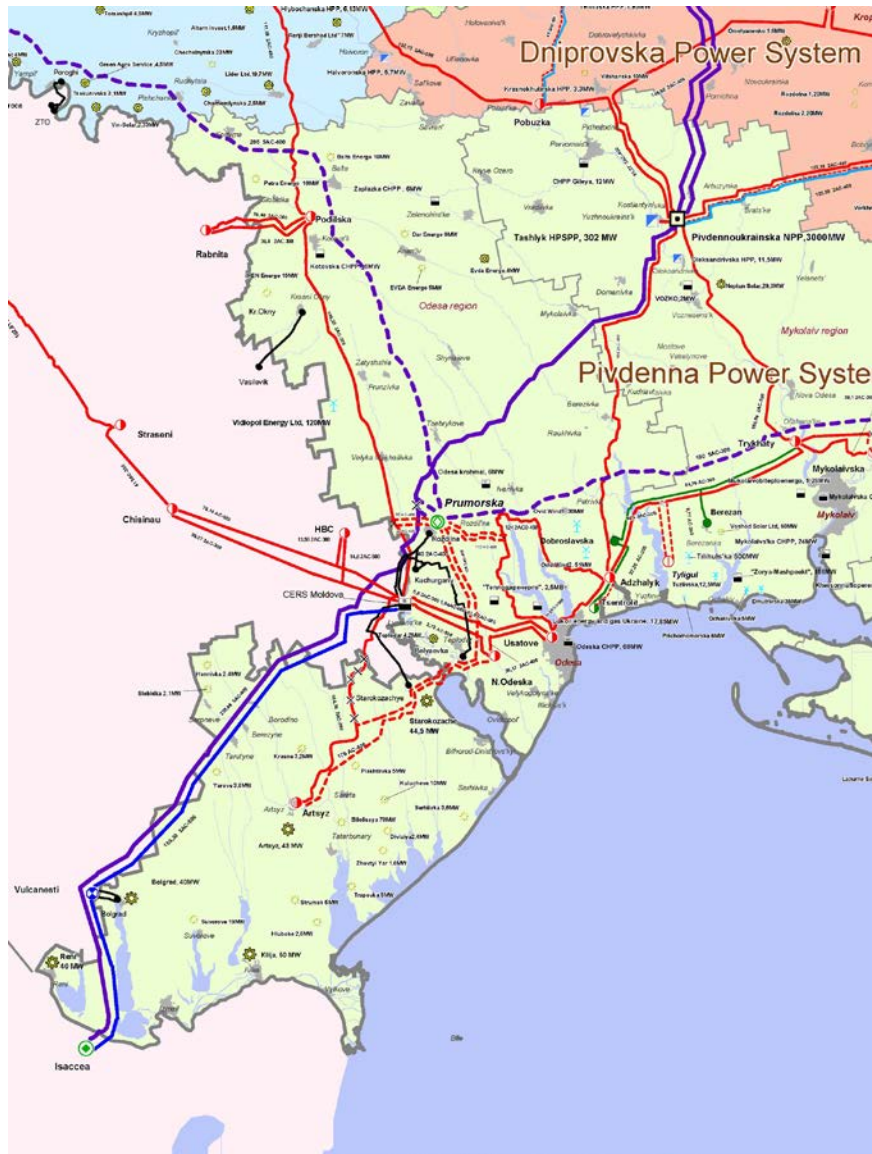
**on July 7, 2017**

Integration into ENTSO-E will give possibility to realize high-level competition in new electricity market model and will give all benefits from market coupling.

- ✓ Strategic factor for development of power sector of Ukraine is development and diversification of infrastructure connections of overhead lines.
- ✓ So Ukrenergo is working in several areas with neighboring countries - members of the ENTSO-E such as Hungary, Slovakia, Poland, Romania on the recommencing of previously existing interstate OHL, or the construction of new OHL.

# PROJECT

Construction of a 750/400 kV transformation substation (TS) “Prymorska” with 400 kV double-circuit overhead line “Prymorska-Isakcha”



## PROJECT DATA

**Main constituents of the project are as follows:**

- Recommencing of the 750 kV OHL Uzhnoukrainska NPP - Isakcha on the site from the Uzhnoukrainska NPP to the 750 kV SS “Prymorska” site, with an approximate length of 120 km;
- Construction of the 750 kV Substation “Prymorska” including 750 kV switchgear and 400 kV switchgear installing as well 750/400 kV ATs with a capacity of 1250 MVA each;
- Recommencing the 750 kV OHL Uzhnoukrainska NPP-Isakcha on the site from new 750 kV Substation “Prymorska” to the 750 kV Substation Isakcha by way of construction a double-circuit 400 kV overhead line with an approximate length of 230 km along the relevant route;
- Reconstruction of the 400 kV switchgear of the SS Isakcha in a scope sufficient for the connection of a new double-circuit 400 kV OHL Prymorska-Isakcha

## POTENTIAL BENEFITS

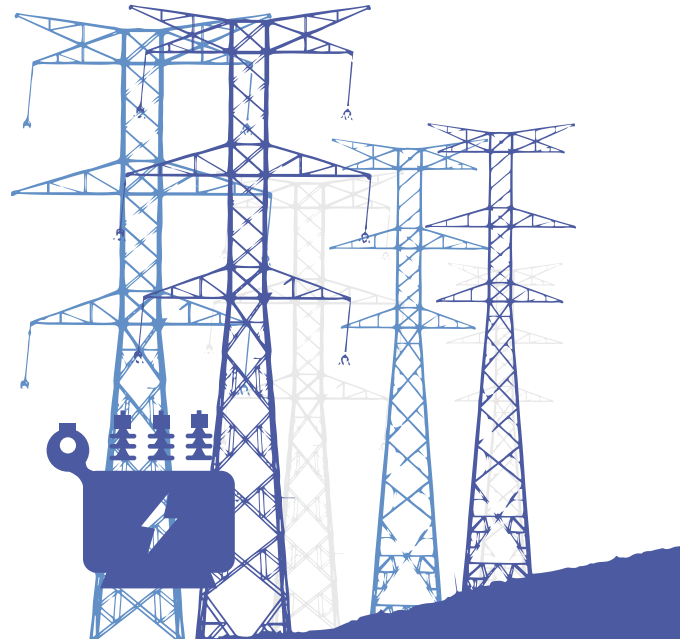


Implementation of the project **will increase the volume of capacity exchange up to 1000-1200 MW**

Besides, it will improve the reliability of electricity supply to consumers of the southern regions of the IPS of Ukraine and PS of Moldova.



A letter of consent was received from Transelectrica



Project CAPEX - total (mEUR) 225.9

Commissioning date 2022

Commissioning date of this project will be expected before synchronization of the IPS of Ukraine to ENTSO-E



### PROJECT DATA

Main constituents of the project are as follows:

- Recommencing of the 400 kV OHL Mukacheve - V.Kapusany on the site from the SS 400 kV “Mukacheve” to the border with Slovakia site, with an approximate length of 51 km;
- Recommencing of the 400 kV OHL Mukacheve - V.Kapusany on the site from the border with Ukraine to the SS 400 kV “V.Kapusany” site, with an approximate length of 12 km;



A letter of consent was received from SEPS

### POTENTIAL BENEFITS



Implementation of the project will increase the volume of capacity exchange up to 700 MW



### PROJECT DATA

#### Main constituents of the project are as follows:

- Expanding the “Burshtyn TPP Island” by means of connecting to the parallel operation with European power systems the generating capacities of Khmelnytska NPP (unit #2 1000 MW);
- Recommencing of the 750 kV Khmelnytska NPP - Rzeszow (Poland) with an approximate length of 398 km;
- Reconstruction of the 750 kV switchgear of the Khmelnytska NPP in a scope sufficient for the connection of a single-circuit 750 kV OHL Rzeszow (Poland)

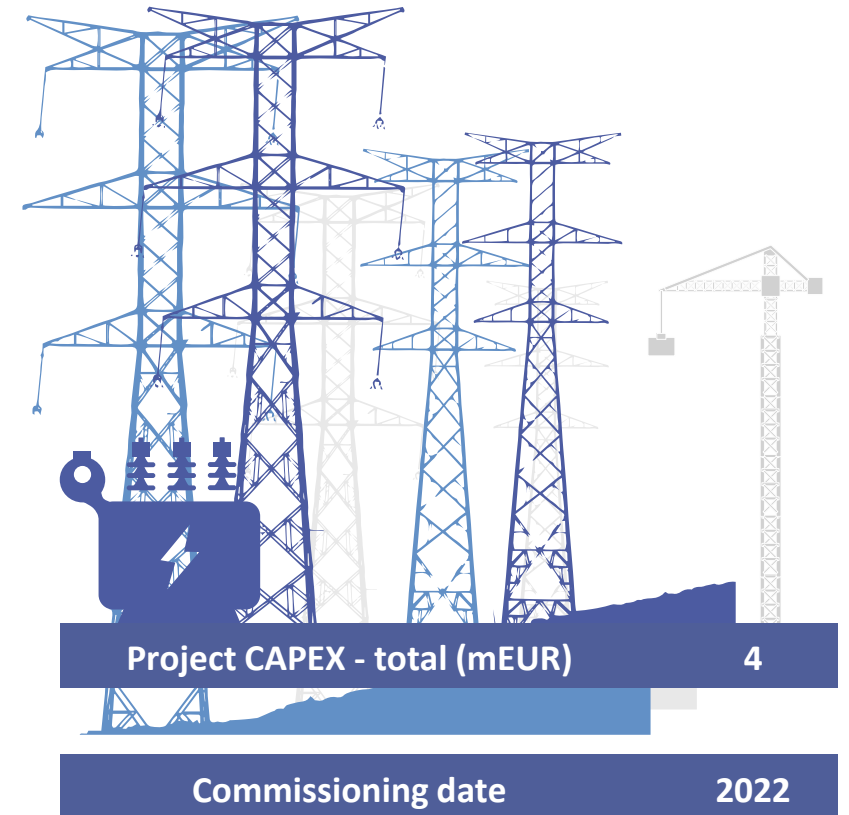
## POTENTIAL BENEFITS

 **2000 MW** 

Implementation of the project will increase the capacity from Ukraine site.



**A letter of consent was not received from PSE**







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