



**The project on rehabilitation
of the 400 kV single circuit overhead line
Mukacheve – Veľké Kapušany**

Project of Mutual Interest for the development of the European transmission infrastructure

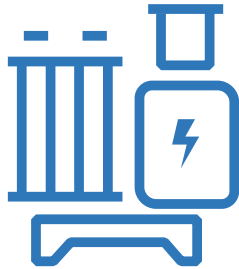


By the end of 2016, after the Ministerial Council of the Energy Community recognized the project as the Project of Mutual Interest for the development of the European transmission infrastructure

Ukrainian transmission system operator State Enterprise “**National Power Company “Ukrenergo”**” (hereinafter referred to as NPC “Ukrenergo”) and Slovak transmission system operator **Slovenská elektrizačná prenosová sústava**, a. s. (hereinafter referred to as SEPS) have mutually approved the decision concerning cooperation on rehabilitation of the 400 kV single circuit overhead line Mukacheve – Veľké Kapušany.

On 22 June 2017, Memorandum of Understanding (MoU) concerning increase of throughput capacity between power systems of Ukraine and the Slovak Republic was signed by NPC “Ukrenergo” and SEPS.





By this MoU the Parties acknowledged the willingness to make every effort to identify and implement the most feasible technical solution for increasing the transmission capacity between substations Mukacheve (UA) and Veľké Kapušany (SK), and thus secure adequate long-term power interconnection between Ukraine and Slovakia.

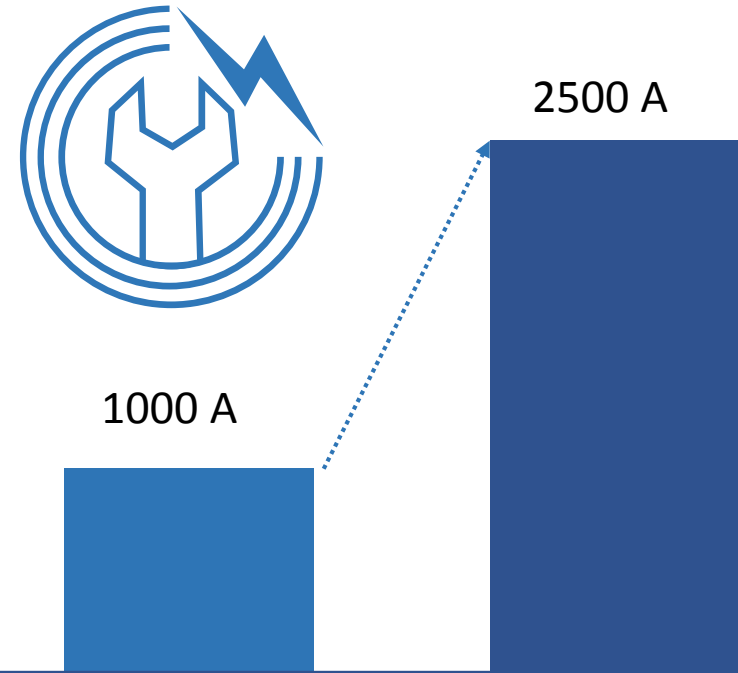
The MoU creates the necessary framework to prepare and obtain competitive and mutually acceptable technical solution to enhance transfer capacity of the 400 kV single circuit overhead line Mukacheve (UA) – Veľké Kapušany (SK). To achieve the objective of the MoU, the Parties formed a joint working group. The working group is obliged to elaborate technical and legal solutions and prepare the Contract for Cooperation for project's implementation with an estimated time target for its signing in 2017.



To increase the transmission capacity of the Mukacheve (UA) – Veľké Kapušany (SK) to 2500 kV at minimum, the Parties agree to evaluate the feasibility of the following options:

- Refurbishment of the existing 400 kV single-circuit overhead line Mukacheve (UA) – Veľké Kapušany (SK);
- Replacement of the existing line by new 400 kV single-circuit overhead line Mukacheve (UA) – Veľké Kapušany (SK);
- Replacement of the existing line by new 400kV double-circuit overhead line Mukacheve (UA) – Veľké Kapušany (SK).

Based on the results of the implementation phase the Parties will jointly approve the most feasible option of the technical solution. Terms and conditions for the construction of the approved technical solution will be stipulated in an agreement on a common action signed between SEPS and NPC “Ukrenergo” prior to its realization.



Increasing the transmission capacity of the
Mukacheve (UA) – Veľké Kapušany (SK)



UKRENERGO

State enterprise | National power company