



OUR GOALS

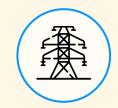
IN ADDITION TO COUNTERING MILITARY THREATS, THE MAIN TASKS OF THE ENERGY SECTOR OF UKRAINE CORRESPOND TO THE MOST EUROPEAN POWER SYSTEMS:



Ensuring resilience and security of power supply



Decarbonisation of the energy sector



Increasing the power system flexibility



Reduction of electricity costs for consumers

Quick response to threats and cooperation at the regional level are the key to the stability of the energy sector in a time of crisis



THE POWER SYSTEM OF UKRAINE NEEDS INVESTMENTS OF:

- international financial organisations
- private investors

ENHANCEMENT OF ENERGY SUSTAINABILITY

PRIORTIES FOR INVESTMENTS:

- Construction of distributed generation up to 3 GW to ensure needs of the critical infrastructure at the level of territorial communities
- Implementation of highly maneuverable capacities up to 2.4 GW for balancing the power system
- Developing of energy storage systems up to 2 GW
- Reconstruction of DSO networks to ensure the connection of distributed generation facilities, developing of "smart grid" and "demand response" technologies
- Increasing the installed capacity of wind power production up to 6 GW

FINANCIAL BALANCING OF THE ELECTRICITY MARKET



ORGANISATIONAL AND TECHNICAL MEASURES FOR EFFECTIVE OPERATION OF THE NEW GENERATION



- Simplified grid connection procedures
- Reduced time for issuing technical specifications
- Conducted long-term auctions for the purchase of additional services



- Integration of electricity markets of Ukraine and the EU
- Development of legal mechanisms to implement the REMIT law to prevent market manipulations and misuses
- Introduction of loans and insurance against military risks

- Development of interconnectors and elimination of bottlenecks in the IPS of Ukraine and neighboring power systems
- Liberalisation of grid connection, land allocation and permitting procedures for the construction of generating facilities

DEVELOPMENT OF A NEW ARCHITECTURE OF ENERGY SECURITY







Physical security systems at facilities



Fire protection solutions



Protection of personnel, communication and control systems



Counteraction to drones, electronic warfare



Air defense of facilities

Technical solutions for critical infrastructure protection should become a basis for development of technical standards in the European Union

