TOWARDS POLAND’S 2040 ENERGY MIX

the share of coal in electricity production is going down to 60% in 2030

the first nuclear power plant is planned for 2033 with a capacity of 1.5 GW. 6 nuclear units to be built by 2043 with a total capacity of 6–9 GW

the share of RES will grow to 27% in 2030 in electricity production. Full exploitation of the potential of the off-shore wind in the Baltic Sea and of the photovoltaics can provide up to 30 GW in total by 2040

rapid diversification and growth of installed capacity and energy production generation will lead to the reduction by 50% of CO₂ emissions in energy sector by 2040

Poland’s Energy Policy 2040 is the response of the Ministry of Energy to the challenges of the global macroeconomic and climate trends through the diversification of Poland’s fuel mix and a sustainable fuel management. The economic development of the country and the expected increase in energy demand are also very important. We assume that a significant role in meeting the increasing energy demand will be played by renewable energy sources, including off-shore wind farms.

Poland’s Energy Policy also assumes commissioning the first nuclear power plant in 2033 with the construction of others to follow in the 2043 perspective. Our overriding strategic goals are to ensure the security of supply, competitiveness and, at the same time, care for the natural environment. All these measures will cause a drop in the CO₂ emissions by 30% compared to 1990 levels. Thanks to investment projects included in the PEP, Poland will become a huge construction site for new build capacities in innovative technologies and this will greatly contribute to the even faster economic growth of Poland.

Krzysztof Tchorzewski – Minister of Energy

POLISH POWER SECTOR IS CHANGING

THE POLISH ELECTRICITY ASSOCIATION is an association of the power sector, whose activities focus on issues related to the functioning of the industry in a modern market economy. We engage in actions and projects thanks to which the Polish power industry can better meet the challenges related to European integration, ensuring security of energy supply, competitive market, environmental protection and development of state-of-the-art technologies.

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