**Energy and Natural Resources Expert**

**Ministry of Energy and Natural Resources, TÜRKİYE**

First, I would like to thank to Tajikistan for their hospitality and thank ECO Secretariat and Tajikistan for organizing this meeting.

Türkiye has three main dilemmas in energy sector: growing energy demand, import dependency and 2053 net-zero target.

Among these challenges, our long-term energy plan is focusing on 6 major areas to address all these challenges.

1. Increasing renewables; 59.2% share in our total installed capacity is currently made up from renewable energy sources (32.2 GW hydro, 19 GW solar, 12.5 GW wind), and we are aiming to add120 GW of solar and wind capacity until the year 2035. We have electricity interconnection lines with all neighboring countries including Iran and Azerbaijan’s Nakhchivan Autonomous Region.
2. Energy efficiency; quite recently we announced Second National Energy Efficiency Action Plan for 2024-2030 and we target to mobilize 20 billion US dollars of investment towards energy efficiency measures,
3. Including nuclear power to our energy mix, and then eventually SMRs when the technologies are more established; We are commissioning our first nuclear power plant next year that will have a capacity of 4.8 GW, and hope to move on to the second and third sites in the near future,
4. We are also committed to upstream investments in hydrocarbons. In August 2020, we discovered the largest natural gas reserve in the history of Türkiye in the Black Sea region, with our own drilling and seismic vessels.
5. Tapping into new technologies including hydrogen, battery storage, CCUS, etc. and last but not least
6. Investing in critical minerals & rare earth metals with an aim to reach value added mining, we have discovered considerable amount of rare earth elements reserve in central Anatolia.

Thank you.

**Q&A:**

When a new electrical interconnection line is to be constructed, the general procedure is for the parties to build the parts within their own country borders. However, it may vary depending on the agreement and requirements. For electricity trade, Trader Company, for example a company will import electricity to Türkiye from a foreign company, firstly has to get electricity import license from the Energy Market Regulatory Authority (EMRA), then has to pay system usage fee while trading to the Turkish Electricity Transmission Corporation (TEİAŞ). For electricity prices, you can check Energy Exchange Istanbul (EXIST). Average price for the year 2023 is 2189 TL/MWh. Average price in 2024 up to now is 2218 TL/MWh.