
Energy transition in the power sector of Kazakhstan

Thursday, 23 November 2023, 14:00–18:30 (UCT)

SAAD Hotel Astana (ex-Mariott), Dostyq Street 2, 010016 Astana, Kazakhstan

Renewable electricity is key to the energy transition and the achievement of carbon neutrality in Kazakhstan by 2060. As of the third quarter of 2023, the contribution of non-hydropower renewable energy sources to Kazakhstan's electricity mix has already reached 6 percent. The goal is to raise this figure to 15 percent by 2030 and ambitiously target a 50 percent share of alternative energy generation by 2050.

However, Kazakhstan is facing a number of challenges on this way, such as the outdated infrastructure and related to it bottlenecks, the lack of flexibility, low electricity tariffs and resulting chronic underinvestment in the power sector. The specific challenge is the abundance of coal-fired generation that impedes the achievement of the 2030 NDC target (to reduce GHG emissions by 15 percent below 1990 levels, including LULUCF – land use, land-use change and forestry) and the 2060 carbon neutrality target.

How to modernise the aging power system of Kazakhstan? Could the share of renewables in the power mix by 2030 be higher than the targeted 15 percent? How to balance variable renewables and how to tackle the coal dominance in the electricity generation? What consequences might come from quitting coal? These questions will be addressed at this hybrid event where we will discuss the visions of NGOs and power industry participants for the energy transition in the power sector of Kazakhstan.

Interpretation

The event will take place in Russian with interpretation into English.

Registration

Participation at this event is free of charge. You can register by sending an e-mail to Alan Bokav from Ecojer (a.bokayev@ecojer.kz), indicating whether you would like to participate in person or online.

Recording

We are going to record the event and publish it on our website.

Programme

14:00 Registration and coffee

14:20 **Session 1: Energy transition – Risks and perspectives**

Moderation: Rustem Kabzhanov, ECOJER

Tatiana Lanshina, Agora Energiewende

Roman Vakulchuk, Central Asian Development Institute (CADII)

NN, UNDP representative

NN, Representative of Kazakhstan Utility Systems LLP

NN, Representative of Samruk Energy

15:40 Q&A

16:00 Coffee Break

16:30 **Session 2: Business perspectives**

Moderation: Nurlan Kapenov, Qazaq Green

Ainur Sospanova, Qazaq Green

Gulzhan Nalibaeva, Financial Settlement Center of Renewable Energy

Bagdat Oral, Central Asian Electric Power Corporation (CAEPCO)

Yerlan Kanel, Center for Strategic Initiatives

Anatoly Shkarupa, Kazakhstan Electric Power Association

18:00 Q&A

18:30 Networking and dinner