



EURASIA GREEN ENERGY AND CLEAN TECHNOLOGY FORUM

Turkey • Ukraine • Kazakhstan • Uzbekistan



JULY 7-8, 2021
8:30 – 12:30 EDT

(U.S. Eastern Day Time)



Turkey. Wind, solar, geothermal, and hydroelectric energy have great potential in the Turkish market. Special power purchase guarantees are provided in the Renewable Energy Resource Zones (YEKA). Turkish Minister of Energy announced that by the end of this year, the Ministry will conduct 2000 MW YEKA wind energy and 1000 MW YEKA solar energy license tenders at 10, 15 and 20 MW groups with 15 years power purchase guarantee. Hybrid solutions, solar energy storage systems, offshore wind, electric car charging stations, hydrogen energy developments have best prospects. Turkey currently has 31,000 MW of hydroelectric, 9000 MW wind, 6,700 MW Solar, 1,600 MW geothermal and 1,500 MW biomass energy power generation installed capacity. Including large hydroelectric power plants, renewable energy currently has 52% share in the total installed capacity, which is approximately 97,000 MW.



Ukraine. Ukraine's energy industry plays a significant role in securing national safety in the energy sector and is considered strategic for Ukraine to become independent from oil and gas imports. Ukraine's need to diversify away from Russia as a fuel source has drawn U.S. companies to many activities, including exploring onshore gas resources, building renewable projects, pioneering LNG import opportunities, and revitalizing the nuclear industry. Renewable energy generation is one of the key priorities for the Ukrainian energy sector. Ukraine has set a goal of sourcing 25% of its total energy mix from renewables by 2035. According to the Department of Commerce's Office of Energy, Ukraine ranked as #3 market for U.S. small modular reactors (SMR) exports. As the country is identified as an emerging market with significant potential to integrate the innovation and expertise of American companies in the small modular reactor segment, this webinar will promote U.S. SMR exports in many international locations in addition to Ukraine.



Kazakhstan. More than 70% of Kazakhstan's electricity is produced by aging, coal-fired power plants, served by the large volumes of cheap local coal in the north-east of the country. In recent years there has been increasing acknowledgement of the need to transition towards clean technologies and renewable energy sources. In 2013, Kazakhstan adopted the "National Concept for Transition to a Green Economy up to 2050" outlining the principles of the Green Economy as a future development path. The objective is to bring the share of renewable energy in electricity generation from zero to 3% by 2020, and then to raise it further to 30% by 2030 and 50% by 2050. These goals are viewed by experts as highly aspirational but do indicate awareness by the government of the need to diversify its energy mix and reduce its dependency on fossil fuels.



Uzbekistan. Uzbekistan's economic reforms have spurred rapid development and increased demand for electricity, with the 2019 level of demand expected to double by 2030. The Government's ambitious plans to expand the country's generating capacity involve construction of solar, hydro, and wind power stations. Uzbekistan hopes to replace older thermal plants reliant on fossil fuels with clean power sources, targeting 20% of capacity from green energy by 2025, and 25% by 2030. It intends to build 5 GW of solar, 3 GW of wind, and 1.9 GW of hydroelectric power plants (HPPs), while modernizing existing HPPs, increasing renewable energy supplies from 5.9 billion kilowatt-hours (kWh) in 2018 to more than 37 billion kWh. Uzbekistan attracts foreign investment into public-private partnership projects providing tax exemptions as incentives.

REGISTER HERE (day 1)

RENEWABLE ENERGY DAY

REGISTER HERE (day 2)

**SMALL MODULAR REACTORS
& FINANCE**

Location: online via Cisco Webex.
You will receive a joining link upon registration.

Cost: free of charge.

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DAY 1: RENEWABLE ENERGY DAY (July 7, 2021)

(All times are Eastern Day Time of the United States)

(+7 hours Turkey & Ukraine/+9 hours Uzbekistan/+10 hours Kazakhstan)

- 8:30-8:35 EDT Welcome
Ms. Heather Byrnes, Minister Counselor for Commercial Affairs and Regional Senior Commercial Officer, Eurasia (Event Moderator)
- 8:35-9:15 EDT Opening Remarks
- **Ms. Diane Farrell**, Acting Undersecretary for ITA, U.S. Department of Commerce
 - **Ms. Kelly Speakes-Backman**, Principal Deputy Assistant Secretary for the Office of Energy Efficiency and Renewable Energy (EERE), and Acting Assistant Secretary, U.S. Department of Energy
 - **Dr. Alparslan Bayraktar**, Deputy Minister, Ministry of Energy and Natural Resources of Turkey
- 9:15-9:30 EDT Keynote Speech – Trends in Green Energy and Clean Technologies
Ambassador Mary Burce Warlick, Deputy Executive Director, International Energy Agency (IEA)
- 9:30–10:10 EDT Green Energy Opportunities in Kazakhstan and Uzbekistan
Moderator: **Mr. Garrett Mitchell**, Acting SCO for Kazakhstan
- **Mr. Agris Preimanis**, EBRD Director for Kazakhstan
 - **Mr. Abdulla Otaboev**, Head of the Renewable Energy Resources Department, Ministry of Energy of Uzbekistan
- 10:10-11:10 EDT Green Energy Opportunities in Turkey
Moderator: **Mr. Cem Özkök**, President, GÜYAD (Solar Energy Investors Association)
- **Ms. Ebru Arici**, President, TÜREB (Turkish Wind Energy Association)
 - **Mr. Kutay Kaleli**, President, GÜNDER (International Solar Energy Society)
 - **Mr. Ali Kindap**, President, JED (Turkish Geothermal Energy Association)
 - **Mr. Fahrettin Amir Arman**, President, HESIAD (Hydraulic Power Plants Businessmen Association)
 - **Mr. Peter**, CTO, Kalyon PV
- 11:10-12:10 EDT U.S. Clean Power Technology Manufacturers/Suppliers/Partners
Moderator: **Mr. Albert Doub**, Program Director, USEA (United States Energy Association)
Speakers:
- **Mr. Scott Manson**, Technology Director, Schweitzer Engineering Laboratories
 - **Mr. Aram Zamgochian**, Senior Director of Strategic Partnerships, ESS Inc.
 - **Mr. Ashish Gupta**, Director for MEA and CIS, First Solar
 - **Ms. Ebru Arslan**, Honeywell, Global Senior Marketing Manager - Renewables Industry
 - **Mr. Gad Shoshan**, Director, International Sales and Marketing, ORMAT
- 12:10-13:00 EDT The Multilateral Development Banks Financing for Renewable Energy
Moderator: **Ms. Danica Starks**, Senior U.S. Commercial Liaison to the World Bank & Head of DOC Multilateral Development Bank Group, U.S. Department of Commerce
- **Ms. Cynthia Malvicini**, Resident Mission Director, Tashkent, Uzbekistan, Asian Development Bank (ADB)
 - **Ms. Aida Sitdikova**, Director, Energy Eurasia, Middle East, and North Africa, Sustainable Infrastructure Group, European Bank for Reconstruction and Development (EBRD)
 - **Ms. Fuphan Chou**, Infrastructure Manager for Europe and Central Asia, International Finance Corporation (IFC)
- 13:00-13:15 EDT Closing Remarks
Dr. Robert Camilleri, Deputy Assistant Administrator for Europe and Eurasia, The United States Agency for International Development (USAID)

DAY 2: SMALL MODULAR REACTORS & FINANCE DAY

(July 8, 2021)

- 8:30–8:40 EDT Welcome and Introduction
Ms. Heather Byrnes, Minister Counselor for Commercial Affairs and Regional Senior Commercial Officer, Eurasia (Event Moderator)
- 8:40–9:00 EDT Keynote Speeches
- **Dr. Kathryn Huff**, Acting Assistant Secretary for Nuclear Energy and Principal Deputy Assistant Secretary for Nuclear Energy, U.S. Department of Energy
 - **Ms. Yulia Pidkomorna**, Deputy Minister of Energy of Ukraine
- 09:00-10:00 EDT Special Presentation related to SMR Efforts: Capacity building efforts, such as FIRST and EUR/ACE-funded work in Ukraine
Moderator: **Mr. Jonathan Chesebro**, Senior Nuclear Trade Specialist
- **Mr. Endrit Demi**, Energy and Cybersecurity Assistance Coordinator, Office of the Assistance Coordinator for Europe, Eurasia, and Central Asia (EUR/ACE), U.S. Department of Energy
 - **Mr. Damian Peko**, U.S. Department of Energy
 - **Mr. Mark Scheland**, Team Chief, Partnership for Nuclear Threat Reduction, U.S. Department of State
- 10:00–10:30 EDT Small Modular Reactor Opportunities in Ukraine
Moderator: **Ms. Myroslava Myrtsalo**, Energy Specialist, U.S. Embassy, Kyiv, Ukraine
- **Mr. Grygoriy Plachkov**, Chairman, State Nuclear Regulation Inspectorate of Ukraine SNRIU
 - **Mr. Ihor Shevchenko**, Director, State Scientific and Technical Center for Nuclear and Radiation Safety (SSTC NRS)
 - **Mr. Petro Kotin**, Acting President NNEGC Energoatom
- 10:30-11:30 EDT U.S. Small Modular Reactor Suppliers/Partners/Developers
Moderator: **Mr. Sean Timmins**, Deputy Senior Commercial Officer, Kyiv, Ukraine
- **Mr. Jon Ball**, Executive Vice President, GE Hitachi Nuclear Energy
 - **Ms. Cheryl Collins**, Director of Sales, NuScale
 - **Dr. Rick Springman**, SVP of International Projects, Holtec International
 - **Ms. Caroline Cochran**, Chief Operational Officer, Oklo
- 11:30-12:15 EDT U.S. Government Financing for Renewable Energy and SMRs
Moderator: **Mr. Serdar Cetinkaya**, Energy Leader, U.S. Embassy, Ankara, Turkey
- **Mr. Carl B. Kress**, Regional Director for the Middle East, North Africa, Europe, Eurasia, and East Asia Energy Sector Worldwide Team Lead, U.S. Trade and Development Agency (USTDA)
 - **Mr. Craig O. Connor**, Director, Office of Renewable Energy and Environmental Exports, U.S. Ex-Im Bank
 - **Ms. Tara Blake**, Senior Finance Officer, U.S. International Development Finance Corporation (DFC)
- 12:15-12.30 EDT Closing Remarks