KAZAKHSTAN ACTIVITIES

Least Cost Generation Plan (LCGP)

Power the Future (PtF) supported the Ministry of Energy’s Power Sector Department with developing of the structure of costs for power generation plants to ensure safe and reliable power generation, accurate classification and calculation of production costs, and incentives for long-term efficient operations.

In response to the Ministry of Energy’s request for assistance in developing a list of legitimate costs for power generators, PtF developed the “Procedure for determination of cost price for electricity generation”, which will be added as an Appendix 1 to the Decision N147, 2015. Along with the Procedure, PtF developed two presentations on Valuation of Assets and Return on Investment.

RE Auctions

PtF supported preparations of the second round of RE auctions – providing legal, regulatory and technical frameworks, and developing an investor’s guide and recommendations on power purchase agreement (PPA) improvements. The RE Auctions were successfully held on October 3-18, 2018 with high level of interest from both local and international bidders.

- 64 applications were received from 49 companies.
- A total of 2,348 MW of capacity was bid – three times greater than the proposed 755 MW.
- 17 applications offering lowest prices were determined as winners and awarded the right to sign PPA for 15 years for a total installed capacity of 663.48 MW. The tariff for wind power stations was reduced by 23%; for hydropower plants by 11%; and for solar stations by 48%. Read more…

Training at KEGOC

On October 16-19, PtF energy experts Mrs. Mariyash Zhakupova and Mr. Pramod Jain conducted training at KEGOC on the DgSILENT PowerFactory tool and methodology. The training was conducted using KEGOC’s model of the Kazakhstani grid. The purpose of the training was to provide guidance to the KEGOC PowerFactory team on renewable energy generation modeling and analysis of the results.
REGIONAL ACTIVITIES

Workshop at Almaty University of Power Engineering and Telecommunication

On October 1, PtF’s Renewable Energy Expert Mr. Pramod Jain conducted a workshop on “Wind Power and the Grid Integration of Renewable Energy” for professors and graduate students of the Almaty University of Power Engineering and Telecommunication (AUPET). The workshop gave an overview of the integration of variable renewable energy sources, analysis of energy system stability, as well as an overview of global and regional developments in the RE innovative technologies and underlined Kazakhstan’s great potential for renewable energy.

Read more...

Uzbekistan

PtF team visited Tashkent to meet government counterparts and international donors to discuss the development of the RE Law, institutional reforms, and the establishment of the Renewable Energy Institute. Following the visit, PtF recommended identification of a government “champion” for RE and fostering donor coordination.

Tajikistan

PtF team met with the Ministry of Energy and Water Resources (MoEW) representatives to discuss progress on establishing the RE Fund. The RE fund concept was already approved at the Government level and in order to move forward, MoEW requested PtF to provide support in registration of the RE Fund, develop a detailed plan for RE Fund activities and support the RE Fund Director in implementation of the Fund’s activities.

MAJOR FUTURE ACTIVITIES

- On November 2, PtF jointly with UNDP will organize a study tour to Ereimentau Wind Power Plant for female specialists representing key stakeholders and female students of Nazarbayev University, Eurasian National University and Kazakh Agrotechnical University.
- On November 12-13, PtF will present the RE educational program at AUPET.
- On November 20-22, PtF jointly with Mercados will conduct a workshop on economic and technical analysis, load forecasting and planning tools.
- On November 26-29, PtF jointly with US National Renewable Energy Laboratory will conduct a training on PLEXOS and DigSilent modeling approach and RE Methodology.

CONNECT WITH PTF TEAM

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