Next intervention is AI in power system operations: POSOCO CMD

Delhi, 25 July: National Grid Operator POSOCO CMD KVS Baba on Friday said the next great thing that Power System Operation Corporation (POSOCO) will use for demand forecasting is AI (Artificial Intelligence).

He was speaking via web conference at a global workshop titled "Power Utility Challenges during COVID-19 Pandemic" organized by Institute of Electrical and Electronics Engineers (IEEE) India Council and Power & Energy Society (PES) India Chapters Council with panelists from US, Europe, Asean countries, Australia, New Zealand, etc.

He stressed upon distribution companies (discoms) to use AI and derive patterns based on artificial intelligence. Demand forecasting is still a challenge but for system operator more forecast errors means more reserves to be kept on our part to meet variables, Baba said.

When asked about variation in renewable, POSOCO CMD said that renewables are highly unpredictable and also since our sub-stations are not yet highly efficient in terms of data logging, the data churning is required.

Baba asked all the academic institutions to take initiative on their own and go to state power utilities and join hands with them, starting from discoms.

About the Covid-19 impact on National Grid Operator, Baba said that the pandemic helped them to work more efficiently and as system operator they enjoy challenges.

POSOCO is a wholly owned Government of India enterprise under the Ministry of Power. It was formed in March 2009 to handle the power management functions of PGCIL but made a separate company in January 2017. It is responsible to ensure the integrated operation of the Grid in a reliable, efficient, and secure manner. It consists of 5 Regional Load Despatch Centres (RLDCs) and the National Load Despatch Centre (NLDC).

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