BSES

December 19, 2017

Press Release

BSES Fully Geared-Up to Meet Winter Power Demand

- **BSES discoms use advanced statistical forecasting solutions**
- **Accurate "load forecasting" helps BSES to optimize power purchase costs**
- **Using techniques like Banking and 'Backing down' to dispose surplus power**
- **Banking helps in arranging power for summer months**

New Delhi: Delhi's peak power demand this winter can go upto 4300 MW. Last year, it had peaked at around 4168 MW. The peak power demand in BRPL and BYPL areas had reached 1758 MW and 982 MW respectively during last winters. It is expected to be in the same range during these winters.

BSES discoms are fully geared to ensure adequate power availability during the winter months. Besides long-term arrangements, BSES discoms are also using advanced techniques like Banking and Backdown to dispose off surplus power, as also making arrangements to get power during summer months. In case of any unforeseeable contingency, BSES discoms will buy short-term power from the exchange which is available at economical rates.

Banking

For taking care of its summer demand and to optimally manage the winter surplus, BSES discoms export and bank surplus electricity with other states. While BRPL is banking around 450 MW with Himachal Pradesh, 20 MW Tamil Nadu and around 50 MW with Sikkim, BYPL is banking around 240 MW with J&K, Meghalaya and Jharkhand. To manage the peak demand, BYPL will also be receiving 50-100 MW from UP between December 2017 to February 2017 to manage the morning peak demand.

Load Forecasting

For the benefit of its consumers and to better meet today's 'power' challenges, BSES uses a mix of in-house advanced statistical forecasting models, combined with rich domain expertise and state-of-the-art weather forecasting solutions, including those provided by IMD-POSCO.

This accurate day ahead, intraday and medium term demand forecasting is vital for optimal and cost effective power planning, ensuring reliable power supply to consumers at an optimal cost.

These load forecasting solutions give a near accurate demand forecast. Further, output of the statistical models, after being moderated using domain expertise, helps in achieving the

objective of optimal power planning and reliable supply while ensuring grid security in real time operations. It is notable that the day ahead forecasting accuracy achieved has been close to 97%, while that of intra-day accuracy upto 98%.

BRPL & BYPL are premier power distribution companies and Joint Ventures between Reliance Infrastructure Limited and GoNCT.

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