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Press Release

BSES Discoms Fully Feared-Up for The Summer Months

Electricity from Bhutan, Sikkim and Himachal to light-up Delhi homes

- **BRPL (South and West Delhi): Peak power demand expected to cross 2880 MW**
- **BYPL (East and Central Delhi): Peak power demand expected to reach 1670 MW**
- **BSES discoms to get 665 MW of electricity from banking arrangements**
- **Banked power to come from HP, UP, AP, TN, Sikkim and Bhutan**
- **Advanced statistical models, rich domain expertise and state-of-the-art weather forecasting solutions help BSES better manage 'power' challenges**

New Delhi: Arrangements have been firmed up by BRPL and BYPL to source adequate electricity to meet the power demand of their around 40 lakhs consumers. These arrangements include long term PPAs and banking arrangements with other states including Himachal Pradesh (425 MW), Uttar Pradesh (72 MW), Andhra Pradesh (50 MW), Sikkim (50 MW), Tamil Nadu (25 MW) and Bhutan (40 MW).

BSES discoms will get upto 665 MW of power through banking arrangements. Additionally, around 150 MW of renewal energy from Himachal Pradesh and around 20 MW from Rajasthan will further boost the power arrangements. In case of unforeseen contingencies because of low generation and outages of power plants, the discoms will purchase short-term power from the exchange.

Delhi's peak power demand during the summers of 2018 may breach the 7000 MW mark. Last summers, it was 6526 MW, highest ever-recorded in the national capital. Peak power demand in BRPL' area of South and West Delhi, which had reached 2745 MW during the summers of 2017, is expected to cross 2880 MW this year. In BYPL' area of East and Central Delhi, the peak power demand which had reached 1469 MW last year is expected to touch around 1670 MW.

Strengthening of the Distribution Network

During the year, BSES discoms have invested substantial resources to strengthen the network. A large part of the distribution schemes, which were considered necessary to further strengthen the distribution system have already been completed, the balance are on track to be completed. This has made the distribution network more robust for taking the additional power load during summer months.

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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