

## **BSES Powered India - Bangladesh T20 Match Played In Delhi**

### **No gensets used**

- **Network scaled-up in record time to supply additional 80 % electricity load**
- **State-of-the-art technologies, including SCADA, deployed to monitor power-supply**
- **Team of 75 BSES officials stationed at the venue to take care of any unforeseen contingency**
- **Absence of diesel gensets help prevent 20 tonnes of Co<sup>2</sup> from being released in Capital's environment**

New Delhi: BSES Yamuna Power Limited (BYPL) played its part in 'powering' the historic match at Delhi's Arun Jaitley (formerly Feroz Shah Kotla) Stadium on the night of November 3, 2019. Apart from the pulsating action, the international cricket match also scored on another front. It was organised solely on grid power as the use of diesel gensets in Delhi- NCR was banned by EPCA( Environmental Pollution, Prevention and control, Authority) .

DDCA had an electricity connection of 1800 KW at the Stadium. The organisation approached BYPL for an additional load of 1500 KW. Thus, a total electricity load of 3300 KW (3.3 MW) was required at the Stadium.

Looking at the quantum of the electrical load, it was a mammoth exercise to augment the network for the cricket match in a short-period. But, BYPL rose to the occasion and the team worked tirelessly to ensure that the match goes without a glitch. Apart from network augmentation, BYPL used various state-of-the-art technologies such as Partial Discharge Testing, 10 Delta Testing, Thermal Scanning, DC Logic Tests etc. to ensure uninterrupted power supply to the venue. The power supply to the venue was also monitored live through BYPL' state-of-the-art SCADA (Supervisory Control And Data Access). Apart from this, over 150 man-days were used just to undertake predictive health check of network equipments. Apart from this, a dedicated team of 75 officials were also stationed at the venue to take-care of any unforeseen contingency.

With no cushion of any back-up gensets, BYPL had the sole responsibility to ensure uninterrupted power supply, at the right voltage and with no fluctuation. This is noteworthy that cricket match today has sensitive audio-visual broadcasting machineries which needed stable power to function properly.

As the Air Quality Index in Delhi is deteriorating, the reliable power to the cricket venue helped in preventing harmful pollutants like PM2.5 and Co<sup>2</sup> from being released in the atmosphere. If the gensets were used for power supply in the stadium, it would have consumed around 7500

litres of diesel, which would have resulted in emission of 20 tonnes of Co<sup>2</sup>, 120 Kgs of Nox and 4 Kgs of PM 2.5 emissions in the atmosphere.

**On successful completion of this mammoth task, BYPL CEO P R Kumar said,** "Working closely with the DDCA and DTL, BYPL lived-up to the challenge and provided uninterrupted and reliable power supply during the match. Our team worked round the clock and routed power from multiple sources to ensure a glitch-free international T20 match in Delhi."

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

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