

India's first set of indigenously manufactured SCR Catalysts to limit NOx emission, flagged-off for 5x800 MW Yadadri Thermal Power Station



New Delhi, August 23: Bharat Heavy Electricals Limited (BHEL) has successfully manufactured India's first set of Catalysts for Selective Catalyst Reactors (SCR) for limiting NOx emissions from thermal power plants.

Notably, these catalysts were hitherto being imported and this is a significant milestone under the 'Make in India' initiative of the Government of India.

The first set of indigenously manufactured SCR catalysts for the 5x800 MW Yadadri Thermal Power Station in Telangana, were flagged off by Ms. Renuka Gera, Director (Industrial Systems & Products), BHEL, from the company's Solar Business Division (SBD) unit in Bengaluru. Mr. Pankaj Gupta, Executive Director, SBD; Mr. Anil Joshi, Executive Director, Industry Sector and other employees of SBD were present on the occasion.

BHEL has set up a state-of-the-art SCR catalyst manufacturing facility at its SBD unit to cater to NOx abatement in thermal power stations. Recognising the long-term

severe effects of NOx and in consideration of the Ministry of Environment and Forest's notification, TSGENCO had placed an order for SCRs for 5x800 MW Yadadri TPS, MAHAGENCO for 1x660 MW Bhusawal TPS, WBPDCCL for 1x660 MW Sagardighi TPS and NALCO for 1x18.5 MW Damanjodi TPS.

BHEL has been committed to environment protection and offers a complete bouquet of environment friendly technologies for thermal power plants. In addition to high efficiency boilers, BHEL supplies electrostatic precipitators, Flue Gas Desulphurisation units and Selective Catalyst Reactors for which the company has indigenised the technology absorbed from the market leader, NANO, Republic of Korea.
