



Energy storage and e-mobility will boost power sector

— **Hartek Singh**, Chairman & Managing Director, Hartek Group

Since the past three-four years, the government has been laying special emphasis on renewable energy. The technology in the T&D segment has not changed much in recent years, apart from a couple of optimised designs introduced by manufacturers which have helped enhance the overall efficiency of the system. The single-window system adopted by the government has resulted in timely approvals for projects. Driven by reforms, the Indian power sector is growing at an unprecedented pace. Going from strength to strength, Indian companies are second to none in terms of technical knowhow and domain expertise.

The coming years: The Indian power sector has indeed come a long way with an installed capacity of 329 GW, as on June 30, 2017. It has become the world's third largest power producer and the fourth largest consumer. In the next five years, we foresee the entire power system moving towards a higher voltage ring main so as to minimise losses and interruptions at every stage with the larger objective of ensuring round-the-clock uninterrupted power supply.

The share of renewable energy in India's installed power generation capacity is bound to increase substantially. The growth in the energy storage and e-mobility markets will boost the power sector on the whole. The country's grid infrastructure is in for a major overhaul. We also foresee rural electrification projects being executed on a massive scale. Besides, we will witness cities entrusted with the Smart City mandate moving towards a more sustainable power ecosystem.