

## BUILDING A MODERN POWER SYSTEM

THE OPPORTUNITIES IN THE INDIAN ENERGY INDUSTRY

**In 2018**

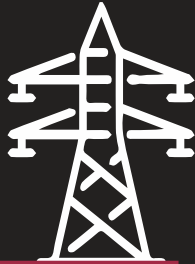
demand for electricity increased by 7%, with that annual demand growth rate expected to continue



Renewable energy capacity is approaching **50% of the 2022 target of 175 GW** (as of 30.09.19)



Private sector now tops installed generation capacity with a **46% SHARE** compared to 29% in 2012



Total installed generation capacity stands at **over 363 GW** (as of 30.09.19)



Private sector contributed **around** of the total capacity additions in the final 12<sup>th</sup> Five Year Plan (2012-17)



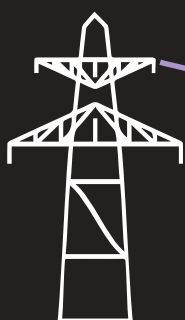
In FY19, renewable energy-based generation increased by almost

**24.5%**

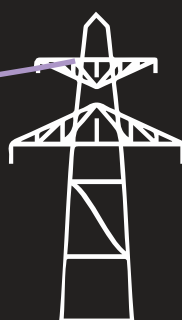
Government scheme to electrify **over 200 million households** represents an investment in the region of US\$2.2bn. As of December 2018, 99% of households had been electrified



Five Smart Grid Projects have currently been sanctioned under the **National Smart Grid Mission**



Capacity of the transmission network grew at a CAGR of **12% between FY14 and FY18** (in terms of MVA), while transmission lines expanded from 274,588 ckm to 390,970 ckm, representing a 7% CAGR



**In 2019**

two 5 million smart meter roll-out projects awarded as part of the Government's bigger plan of 100% metering and conversion to smart or prepaid ones by end of Fy22