



BATTERY ENERGY STORAGE SYSTEMS





FOR GREENER TOMORROW

About BHEL

- One of India's largest engineering and manufacturing enterprise
- "Making in India" since 1964
- Extensive operations in the energy, industry and infrastructure sector
- Comprehensive products & systems for



Power



Transmission



Transportation



Oil & Gas



Defence & Aerospace

- Catering to emerging sectors



Renewables



BESS

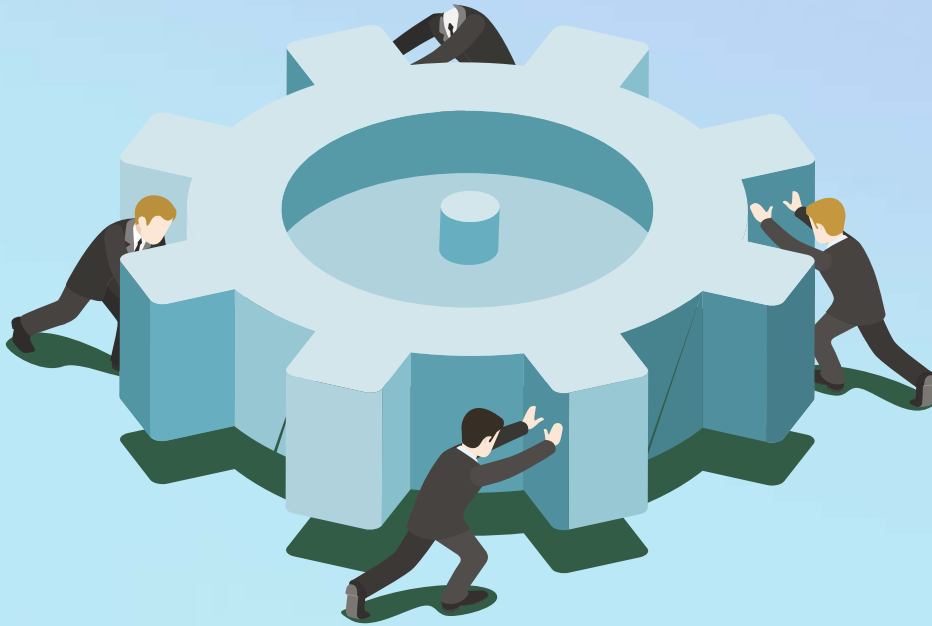


EV Chargers



Hydrogen

◆ STRENGTHS & CAPABILITIES ◆



- One stop solution provider: Concept to Commissioning
- Capacity installed: > 200 GW power generating equipment
- Large engineering base: ~28,000+ workforce with 9,200+ engineers
- 16 manufacturing units / 8 service centers/ 15 regional marketing centres
- Experience of executing 60+MW scale RE Projects & capability to execute Energy Storage Projects





◆ Why BESS ◆

- Addresses inherent RE intermittency
- Ensures reliable, quality uninterrupted power
- Promotes greener grid by reducing reliance on non-renewable sources
- Plays role in meeting RTC/FDRE obligations
- Engineered solutions for optimising energy costs



Offerings in BESS



Customised solns
with engineering audit



Optimised system
sizing



Concept to
Commissioning



Control System &
SCADA



Installation &
Commissioning



Solar + Storage



Dedicated Engg.
and R&D teams



Basic & Detailed
Engineering



Procurement and
Project Co-ordination



Services after Sales

◆ APPLICATIONS AND USES ◆



- Energy Arbitrage • Peaking Capacity
- Power Back-up • Load Management



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