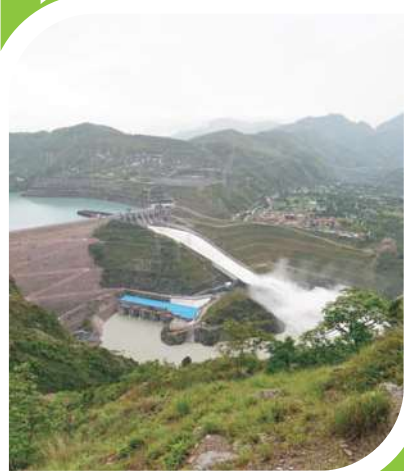


BEYOND POWER AND PROFIT



RELIABLE POWER AND RELATED SOLUTIONS IN ECONOMICAL, EFFICIENT AND ENVIRONMENT FRIENDLY WAY



No. 2 IPP Globally
in Platts 2019



Amongst the World's Largest
Power Generating Companies



~ 63,000 MW
and counting...



Providing 25% of
India's Power



PEOPLE



PLANET



POWER

A MEGA JOURNEY SINCE 1975

A DIVERSIFIED INTERNATIONAL COMPANY

Area of Business - Diversified into Power Trading, R&M Services, Coal Mining, Energy Efficiency Venture, Consultancy, Fertilizer Manufacturing, Electricity Distribution, Ash Utilisation and Skill Development

- 27 JV's & Subsidiaries
- International JV Projects being developed in Bangladesh- 1320 MW (COAL) and Sri Lanka 350 MW (Gas – 300 MW and Solar – 50 MW)
- Owns State-of-the-Art Research Centre "NTPC Energy Technology Research Alliance"
- Globally Recognized Training Centre - "Power Management Institute" of International repute
- Nurturing Managerial Talent - NTPC School of Business in Collaboration with IIM Ahmedabad - Top rated B-School of India

12 Solar PV (875 MW)

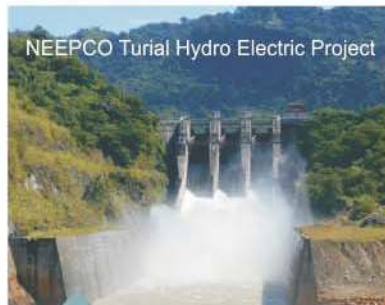


3 Wind Power (163 MW)

10 Coal Mines



11 Gas/Liquid Fuel (6511MW)



NEEPCO Turial Hydro Electric Project

10 Hydro Power (3433 MW)



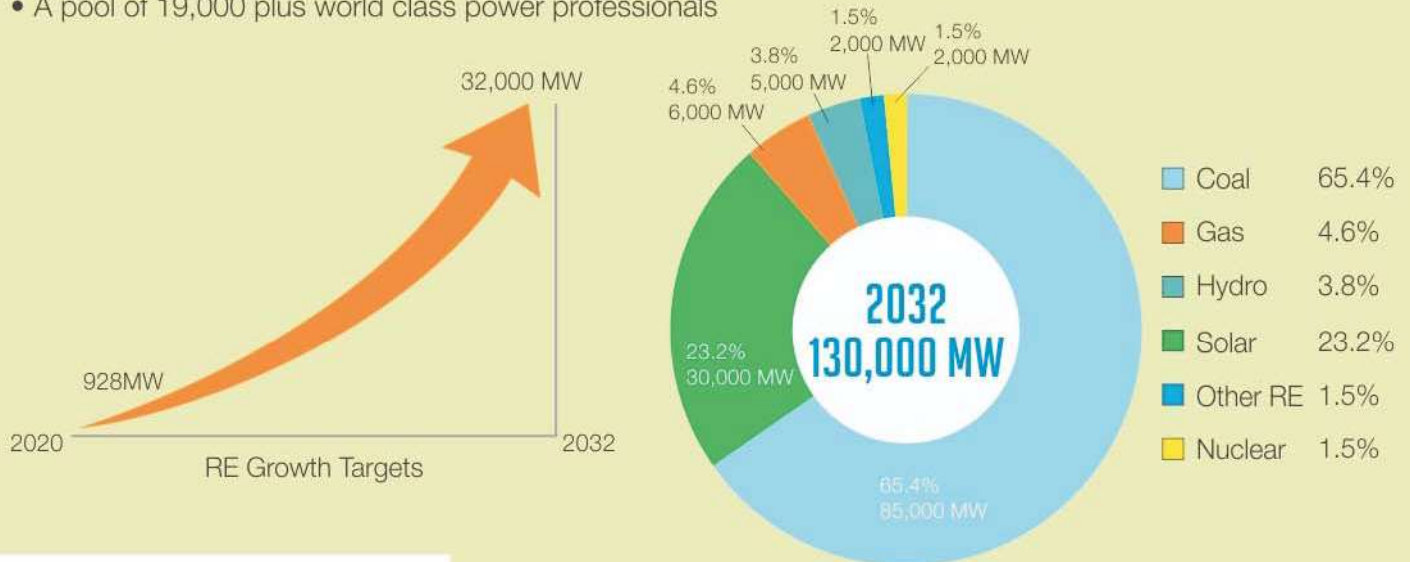
33 Coal Stations (~ 52,000 MW)

STRONG FINANCIALS

- Net worth USD 15.77 Billion as on 31st March 2020
- Annual Revenue USD 15 Billion 2019-20

NTPC: TOWARDS SUSTAINABLE FUTURE

- World's leading power major with global presence
- Aspiring to be 130,000 MW company by 2032 with diversified fuel mix
- Maximum emphasis on reduction in Carbon footprint
- A pool of 19,000 plus world class power professionals



MARCHING AHEAD

- Under construction Thermal: 15,480 MW, Hydro: 2705 MW
- Upcoming project in Renewables: Solar 2348 MW, Wind 600 MW
- Be a major player in the emerging Electric-mobility business - e-Buses operational in Andaman and Nicobar
- Use of Hydrogen as an alternative Fuel

ENVIRONMENTAL LEADERSHIP

- State-of-the-art pollution control measures taken up in all projects
- Developing Electric Vehicles charging infrastructure
- Development of floating solar power plant
- Setting up of smart Micro-grid
- Setting up waste to energy plant
- Co-firing using biomass
- Developing Cement Free Green Concrete using Fly Ash
- Sea Water Desalination through Flue Gas/Solar Thermal
- Flue Gas/Geothermal Air Conditioning



SUSTAINABLE DEVELOPMENT

- Spending 12-15% of project cost on environment protection equipment
- Retrofitting and massive R&M to upgrade air pollution equipment
- Leader in CSR activities

GLOBAL FOOTSTEPS

NTPC: A PROVEN INTERNATIONAL PLAYER

- Going Global as a BOO/BOOT Project developer
- Takeover and Turning around of underperforming Power Projects



INTERNATIONAL BUSINESS AND SERVICES

- Global Services – Concept to Commissioning and beyond for Coal Based, Gas Based and Renewable Energy Projects

BOUQUET OF CONSULTANCY SERVICES

