

5 Year Capex Procurement Projection Plan of NTPC

FY 2024-25 to FY 2028-29

1. EPC/Main plant package/SG/TG/BOP/Railway siding/Township packages of following projects are planned for implementation in upcoming years:
 - a) Talcher (2x 660 MW)
 - b) Lara-II (2x 800 MW)
 - c) Singrauli-III (2X 800 MW)
 - d) Sipat-III (1x 800 MW)
 - e) Darlipalli-II (1X 800 MW)
 - f) Telangana-II (3X 800 MW)
 - g) Gadarwara-II (2X 800 MW)
 - h) Nabinagar-II (3X 800 MW)

2. EPC packages for following New Technology projects are planned for implementation in upcoming years:
 - a) CO2 to Gen-4 Ethanol Plant
 - b) Green Urea Plant
 - c) Carbonated Fly Ash Aggregate Plant
 - d) MSW-RDF to Plasma Gasification Plant
 - e) H2 generation from Sea Water through Flue Gas based Desalination.
 - f) H2 generation from Wastewater through Non-Thermal Forward Osmosis
 - g) Solar Thermal - Thermal Energy Storage based Hydrogen Plant
 - h) CCUS / Green Chemical / Hydrogen & other technology projects

- 2.1 Procurement of Lab equipment's related to NDT, Metallurgy & Chemistry:

Particle Size Analyser, ICPOES, Alloy Analyser, ECT, XRD, Microhardness tester, SEM, CHNS Analyser and MCF equipment etc

3. Renewable Energy projects by NTPC: EPC/Solar module package/BOS packages of following Solar/Floating Solar projects are planned for implementation in upcoming years:
 - a) Anta, Rajasthan (90 MW)
 - b) Nokh, Rajasthan (735 MW)
 - c) Ramagundam, Telangana (176 MW)
 - d) North Karanpura, Jharkhand (56 MW)
 - e) Solapur, Maharashtra (23 MW)
 - f) Sipat, Chattisgarh (26 MW)
 - g) Kayamkulam, Kerala (22 MW)