

पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड / POWER GRID CORPORATION OF INDIA LTD.

STATUS OF 400/220KV NP KUNTA SUBSTATION

As on 29.03.2016

Sl. No.	Name of Work	Present Status	Remarks
1	Site Package		
i)	Construction Power	<p>For 33KV Supply : (i) 33kV Poles with a 4 pole structure has been erected upto POWERGRID SS. Double pole structure in POWERGRID premises erected & 630kVA transformer charged & supply extended to yard & control room buildings.</p> <p>11KV Supply : i) Transformer energised.</p>	
ii)	<p>Site Levelling Agency: M/s R P Projects Pvt. Ltd., Hyderabad</p>	Completed.	
iii)	<p>Boundary Wall : M/s.Kasukurti Sujatha Constructions Pvt. Ltd., Hyderabad</p>	<p>Awarded on 22.07.15 Work commenced Panels : 4563/4800 completed Columns : 803/803Nos. completed</p>	2889 panel column 595

2	<p>Substation main Package : Agency: Megha Engineering & Infrstructure Ltd., Hyderabad. Awarded on : 13.05.2015</p>	<p>i) Tower Foundations- 400KV & 220KV : All Completed ii) Equipment Foundations (400KV and 220KV) - Completed iii) Lattice Structure Erection (400KV, 220KV & LM): Erection Completed iv) 400KV/220KV : Equipment structures erection 582/582. v) 400KV/220KV : Equipmentserection: 278/278 done. vi) 37/37 Control & Relay panels erected. vii) Cable Trench : Sec 1-1 : 260/260Mtr., Sce.2-2 : 540/540 Mtr. & Sec.3-3 :300/300Mtr. wall completed viii) Cable Laying : 65/135Km Completed.</p> <p>C18</p>	
		<p>iv) Control Room: Plinth protection along with brick wall drain works are in progress. v) Switchyard Panel Rooms 400KV: Panels installed & cable laid. 220KV : Panels installed & cable laid. vi) Fire Fightng Pump House : completed. Firefighting Tank completed. v) DG set : Erection completed.</p>	
		<p>Supply: Lattice structures for 400KV Towers & LM towers completed. 400KV: All Isolators,, CTs, CVTs, BPIs, Surge arrestoers, 10/11 CBs and Erection Hardware supplied. 220KV: CTs, CVTs, CBs, Isolators, BPIs, Surge Arresters and Erection Hardware supplied 37/37Nos. 400/220KV Relay panels supplied</p>	

3	Transformers & Reactors Package : Agency : M/s.Crompton Greaves Ltd (CGL) Awarded on : 24.06.2015	i) Transformer Foundation : Main Block 3/3, Rail fixing 3/3 completed. All 3 no Fire wall completed. ii) Bus Reactor Foundation: Completed.	
4	Tower Package - LILO of Kadapa-Kolar 400KV S/C Line at NP Kunta SS Agency : M/s.K Ramachandra Rao Transmission & Projects Pvt Ltd Awarded on : 15.06.2015	i) Tower Foundations : Completed ii) Tower Erection : Completed iii) Stringing : Completed.	

Critical Issues :

1) Powergrid requested for purchase of land for Substation instead of lease. Being expedited in State Government.

POWER GRID CORPORATION OF INDIA LIMITED

400KV SWITCHYARD AT NP KUNTA 400/220KV SS



400KV WITCHYARD AT NP KUNTA 400/220KV SS



SWITCHYARD PANEL ROOMS



BATTERY ROOM



SAS, C&R PANELS IN CONTROL ROOM



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LINE TERMINATED AT GANTRY OF 400KV SS



