

**REPORT INDICATING STATUS OF CONSTRUCTION OF SUB STATIONS (220 kV & ABOVE) IN RFD PROGRAMME
DURING 2019-20**

As on 29-FEB-2020

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Capacity (No.xMVA)	Date of Award	Cumulative progress till date					Commissioning		Tag Type	Remarks
					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
CENTRAL SECTOR													
DAMODAR VALLEY CORPORATION (DVC)													
1	Burdwan GIS along with associated line bays at Parulia S/s	220/132	2x160		100	20	30	0		JUN-19	AUG-20	RFD	Order for execution placed on 06.11.18. Supply of materials, Engineering activities & civil work under process. However order for supply of Transformer placed on 04.06.19 and expected to be delivered by June'20 and commissioned by Aug'20
2	Dhanbad (Auto-Xmer)	220/132	320		100	80	40	40		JUN-19	AUG-20	RFD	The Transformer has been successfully commissioned on 19.12.2019 and put on load on 21.12.2019. For 2nd Auto transformer order placed on 04.06.19 and expected to be delivered by June'20 and commissioned by Aug'20.
3	DSTPS ICT-II S/s	400/220	315		100	100	90	60		AUG-19	MAR-20	RFD	400KV infrastructure is ready and its 220KV infrastructure is under construction. ICT charged from 400KV side on 23.05.18. Order for balance work placed on 13.02.19
4	Jamshedpur (Auto Xmer- Replacement)	220/132	160		100	80	80	80		MAR-20	AUG-20	RFD	Earlier it was decided to commission one Auto-Transformer at Jamsedpur Sub-stn. Presently it has been decided to divert the same to Dhanbad Sub-stn. Land acquisition not required as it is to be installed at existing Sub-stn. Other related work 80% completed. Order for Transformer placed on 04.06.19 and expected to be delivered by June'20 and commissioned by Aug'20
POWER GRID CORPORATION OF INDIA LIMITED (PGCIL)													

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Capacity (No.xMV A)	Date of Award	Cummulative progress till date					Commissioning		Tag Type	Remarks
					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
1	Aligarh (PG) 765kV GIS (creation of 400kV Level)	765/400	1x1500		100	100	100	100		JUL-19	NOV-19	RFD	Commissioned 10/19.
2	Bhadla S/S (3x1500 3x500 MVA) (500 MVA ICTs- II and III)	400/220	1000		100	100	100	100		JUN-19	MAY-19	RFD	Commissioned 05/19.
3	Bhadla S/S (3x500) ICT I	400/220	500		100	100	100	100		JUN-19	APR-19	RFD	Commissioned 04/19.
4	Bikaner S/S (2x1500 MVA)	765/400	2x1500		100	100	100	100		DEC-19	AUG-19	RFD	Commissioned 07/19.
5	Champa and Kurukshetra HVDC Station (Addl.) (Pole-3)	800	1x1500		100	100	100	100		SEP-19	DEC-19	RFD	Commissioned 10/19 (Late Reported).
6	Chilakaluripeta S/S (PSITL - TBCB)	765/400	3000		100	100	100	100		APR-19	JAN-20	RFD	Commissioned 01/20.
7	Dwarka -I (GIS) S/S	400/220	2000		100	99	98	95		DEC-19	MAR-20	RFD	Land acquired in Aug'16. Award placed in Dec'16. Erection & testing under progress.
8	Extn at Durgapur S/s (3rd ICT)	400/220	1x315		100	100	100	100		SEP-19	JUL-19	RFD	Commissioned 06/19.
9	Extn at Jeypore s/s	400/220	630		100	80	80	50		DEC-19	JUN-20	RFD	Award placed in Mar'17. Engg. and civil work under progress.
10	Extn at New Siliguri s/s (3rd ICT)	400/220	315		100	97	100	90		JUN-19	MAR-20	RFD	Award placed in Jun'17. Work under progress.
11	Extn at Rourkela S/s	400/220	630		100	90	90	70		SEP-19	MAR-20	RFD	Award placed in Mar'17. Work under progress.
12	Jauljivi (GIS) s/s	400/220	630		100	85	75	50		DEC-19	JUN-20	RFD	Award placed in Mar'17. Civil work & supply under progress. Due to poor road conditions, supply of Transformer & Reactor affected.
13	Jharsuguda (Sundargarh) S/S (Addl.)	765/400	2x1500		100	100	100	100		SEP-19	DEC-19	RFD	Commissioned 11/19.
14	Meerut (Aug.)	765/400	1500		100	99	98	96		SEP-19	APR-20	RFD	Civil work, supply & erection under progress.
15	Repl of 400/220kV Malda S/s (3x315-2x500)	400/220	370		100	80	90	55		MAR-20	MAR-20	RFD	Award placed in Mar'17. Shutdown awaited.
STATE SECTOR													
BIHAR STATE POWER TRANSMISSION COMPANY LIMITED (BSPTCL)													
1	Dumraon (GIS) s/s	220/132	480		0	0	0	0		MAR-20		RFD	M/s BGCL
2	Mokama S/S	220/132	420		0	0	0	0		OCT-19		RFD	M/s BGCL
CHHATTISGARH STATE POWER TRANSMISSION CO. LTD. (CSPTCL)													
1	Dherdehi (Bilaspur) s/s	220/132	2x160		100	100	100	100		JUN-19	NOV-19	RFD	Commissioned 09/19 (Late Reported).
2	Jagdapur	220/132	1x160		100	100	100	100		JUN-19	SEP-19	RFD	Commissioned 07/19 (Late Reported).
3	Kurud (Dhamtari) S/S	400/220	2x315		0	89	100	100		SEP-19	JAN-20	RFD	Work completed .S/s & 1 No. 315 MVA ICT charged on dtd. 31.01.2020

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Capacity (No.xMV A)	Date of Award	Cumulative progress till date					Commissioning		Tag Type	Remarks
					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
4	Narayanpur s/s	220/132	1x160		100	100	100	100		JUN-19	NOV-19	RFD	Commissioned 09/19 (Late Reported).
DELHI TRANSCO LIMITED (DTL)													
1	Budela S/S	220/66	2x160		100	0	0	0		MAR-20	DEC-19	RFD	Contract terminated by C & MM Dept. and matter is being taken up with Legal Dept. & Bank for encashment of Bank Guarantees(CPG)
2	Chandrawal GIS (Timarpur)	220/66	3x100		0	0	0	0	0	MAR-20	MAR-19	RFD	
3	Geeta Colony (Addl.)	220/33	100		0	0	0	0	0	MAR-20	MAR-17	RFD	
4	Gopalpur GIS	220/66	320		0	0	0	0	0	MAR-20	MAR-18	RFD	
5	Patparganj (Addl.)	220/33	100		0	0	0	0	0	JUN-19	MAY-16	RFD	
6	Punjabi Bagh GIS	220/33	3x100							MAR-20		RFD	
7	Sanjay Gandhi Transport Nagar (SGTN) GIS	220/66	320		100	90	90	90		DEC-19	MAR-20	RFD	
ELECTRICITY DEPARTMENT, GOVT. OF MANIPUR (ED, Manipur)													
1	Thoubal S/S	400/132	1x315		0	0	0	0		MAY-19		RFD	Completed and equipment testing in progress
GUJARAT ENERGY TRANSMISSION CORP. LIMITED (GETCO)													
1	Bhachunda GIS (Dist. Kutch)	400/220	1000		100	0	0	0		MAR-20	MAR-20	RFD	Initial Stage.
2	Kalawad	220/66	320		100	0	0	0		DEC-19	DEC-19	RFD	WIP
3	Up-gradation of 220 kV Vav to 400 kv level (GIS)	400/220	1500		100	0	0	0		MAR-20	MAR-19	RFD	WIP
4	Vav S/S	220/66	1x160							MAR-20		RFD	
5	Wankaner S/S (Dist. Rajkot) (GEC-I)	220/132	3x100		100	2	1	0		JUL-19	JUL-19	RFD	WIP.
6	Wankaner S/S (Dist. Rajkot) (GEC-I)	220/66	320		100	2	1	0		JUL-19	JUL-19	RFD	WIP.
HARYANA VIDYUT PRASARAN NIGAM LIMITED (HVPNL)													
1	GIS Sector -46 Faridabad S/s	220/66	2x160		100	100	100	100		APR-19	OCT-19	RFD	Commissioned 09/19.
2	Sector - 77 GIS Gurgaon S/s	220/132	2x100		100	95	97	75		MAY-19		RFD	Land Dispute
HIMACHAL PRADESH POWER TRANSMISSION CORP. LTD. (HPPTCL)													
1	Pragati Nagar (Gumma) S/S	400/220	1x315		100	96	100	95		JUN-19	DEC-18	RFD	
2	Wangtoo (GIS) S/S	400/220	2x315		100	100	100	100		JUN-19	NOV-19	RFD	Commissioned 09/19 (Late Reported).
JHARKHAND URJA SANCHAR NIGAM LTD. (JUSNL)													
1	Garhwa GSS	220/132	4x100		100	100	100	100		MAR-20	MAR-20	RFD	GSS is ready for charging.
2	Giridih S/S	220/132/33	4x100		100	100	100	100		MAR-20	MAR-20	RFD	GSS is ready for charging.

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Capacity (No.xMVA)	Date of Award	Cumulative progress till date					Commissioning		Tag Type	Remarks
					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
3	Godda GSS	220/132/33	2x200		100	95	100	90		MAR-20	FEB-20	RFD	Boundary wall- 90%, Control Room-86% 220 kV, 132 kV & 33 kV side- Tower & equipment foundation and Equipment structure erection completed. 2x150MVA & 2x50 MVA transformer Erection, Oilfiltration & TRF testing completed. Electrical clearance applied on 27.12.2019 and approval obtained on 03.02.2020. Grid Substation work Completed except some civil work such as gravel laying,pcc etc. and is underprogress.
4	Govindpur GSS (PGCIL)	220/132/33	4x100		100	100	100	100		MAR-20	DEC-19	RFD	Commissioned 09/19 (Late Reported).
5	Jainamore (Bokaro) S/S	220/132	4x100		100	90	100	90		MAR-20	JUN-20	RFD	All supply & erection work completed. Cable laying work , Earthmat & Stringing work under progress and expected to be completed 31.03.2020.
6	Jasidih S/S	220/132/33	4x100		100	100	100	100		MAR-20	MAR-20	RFD	GSS has been charged at 132 kV voltage level on 23.10.19.
7	Latehar GSS (PGCIL)	400/220/132	2x315		100	95	60	44		MAR-20	JUN-20	RFD	Civil and Erection works are in progress(400 KV,200KV & 132 KV). Civil: - 400KV,200 KV & 132 kV Tower foundation completed, 220 KV Equipment foundations, 220 KV & 132 KV Switch Yard Panel Room and 150 MVA & 315 MVA Transformer Plinth with Rail Fixing completed. Major Civil works are completed.132 KV and 220 KV equipment Structures of CB, CT, CVT, Isolator SA, BPI, 220KV Tower & Beam has been erected.

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					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
8	Lohardaga GSS (PGCIL)	220/132	2x150		100	95	85	70		MAR-20	JUN-20	RFD	Civil- Major Foudation works completed. Boundary Wall Pre cast, RCC Framed Masonry Boundary Wall, Road works, Switchyard Brick work drain are in under progress. Erection - 220 KV Tower Erection and Beam completed, and other equipment work are in progress.
9	Patratu GSS (PGCIL)	400/220	2x315		100	75	80	60		MAR-20	JUN-20	RFD	Earth work in cutting & filling within S/S, RCC Framed Masonry Boundary Wall(barbed wire and plantation pending), Control Room Building, 400 KV & 220 KV Equipment, 315 MVA ICT, FFPH Building, Fire Wall, 400 KV Switch Yard Panel Room & side cable trench and Roadwork are in Progress. Equipment Earthing, Lattice Structure for 220 KV & 400 KV Tower Erection and Standard Pipe Structure (400 KV side) are in Progress. 220 KV Bus stringing work completed.
10	Ratu (Burmu) GSS	220/132	4x100		100	100	100	100		MAR-20	MAR-20	RFD	GSS has been back charged on 11.1.2019.
J&K POWER DEVELOPMENT DEPARTMENT (JKPD)													
1	Alusteng S/S	220/132	320		100	100	100	100		JUN-19	MAR-20	RFD	Commissioned 02/20.
KARNATAKA POWER TRANSMISSION CORP. LIMITED (KPTCL)													
1	Brindavan Alloys	220/66	2x150		100	84	100	100		JUN-19	OCT-19	RFD	Erection of 220kV GIS modules completed, gas filling work completed. 150MVA transformer erection completed. 220kV GIS Conmtrol Room and hall finishing work, Middle RCC retaining wall and Boundary wall works under progress. 220kV side testing completed.

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					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
2	Devanhalli Hardware Park	400/220	1000		100	80	70	50			SEP-19	RFD	C&R panel erection completed. 2X 500MVA Transformer erection completed. 125MVAR bus reactor erection completed and oil filtration under progress .
3	Kudligi (Badeladaku) S/S	220/66	2x100		100	95	100	100		AUG-19	OCT-19	RFD	Erection of all equipments completed. 220kV SAS testing work under progress along with RT staff. Transformer testing & nitrogen fire fighting work, minor civil works under progress.
4	Mylasandra (GIS) S/S	400/220	1x1500		100	35	10	0		SEP-19	NOV-19	RFD	400kV control room plinth beam and 400kV GIS hall plinth beam completed. 220kV GIS hall basement-RCC wall completed, shattering for basement roof slab is under progress. Earthmat formation, Station tower foundation, Transformer & Reactor foundation, Excavation for mounting structures works under progress.
5	T. Gollahalli (Thimmansandra) S/S	220/66	2x100		100	80	95	93		DEC-19	OCT-19	RFD	Major equipment erection completed on 220 kV & 66kV side. Cable laying completed at 220kV side. Earthing of Equipments under progress. Civil works, control room finishing work & electrical fittings under progress.
KERALA STATE ELECTRICITY BOARD (KSEB)													
1	Chalakudy S/S	220/110	2x100		100	55	40	12			APR-20	RFD	Work awarded to M/s. Seimens India Ltd and work is in progress .
2	Chithirapuram S/S	220/66	126		100	0	0	0		DEC-19	JUL-20	RFD	Site levelling completing; work awarded to M/s. Seimens India Ltd.
3	Kaloor S/S	220/110	320		100	78	80	20		JAN-20	MAR-20	RFD	Work awarded to M/s. GET&D India Ltd and work is in progress.
4	Kunnamangalam S/S	220/110	2x100		100	30	2	0		SEP-19	JUL-20	RFD	Work awarded to M/s. GET&D India Ltd. and work is in progress.

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					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
MAHARASHTRA STATE ELEC. TRANSMISSION COMPANY LTD. (MSETCL)													
1	Amrapur (Pathardi) S/S	220/132	2x100		100	100	100	96		OCT-19	MAR-20	RFD	i) 04x132kV line bays, 01x132kV bus sectionaliser bay, 132kV Main bus test charged on dt 25.10.2019. ii) cable laying of 220kV Side completed, termination is in progress.
2	Georai S/S (ICT-II)	220/132	1x100		100	100	100	100		OCT-19	JAN-20	RFD	Commissioned 12/19 (Late Reported).
3	Karanja s/s	220/132	2x100		100	90	99	85		NOV-19	NOV-19	RFD	220/33kV, 25MVA, T/F alongwith bay is charged on 31.03.2019. Due hard rock at 33 kV switchyard hence work delayed for earthpits & cabling etc ROW issue of land by adjacent land owner due to which several civil works such as compound wall, watchman cabin, cycle stand. Storshed, etc hampered.
4	Malkapur (New s/s) ICT-I	220/132	1x100		100	100	100	100		JUN-19	SEP-19	RFD	Commissioned 08/2019.
5	Manmad Sub-Station (Up-Gradation)	220/132	2x100		100	100	100	99		JUN-19	SEP-19	RFD	i) ICT-II (LV) backcharged from 132kV side on dt 24.05.2019, ICT-I (LV) backcharged from 132kV side on dt 04.06.2019, 02x220kv end bay at malegaon charged on dt 31.05.2019
6	Narangwadi s/s	220/33	250		100	100	100	100		NOV-19	NOV-19	RFD	100 MVA 220/33 kV ICT-I back charged on 29.03.19. ICT-II and 25 MVA,220/33 kV T/F-I&II back charged on 30.07.19 .
7	New Pardi S/S	220/132	2x100		100	100	98	95		JUN-19	DEC-19	RFD	All erection work completed & Only Testing work Balance. 220kV Uppalwadi-Pardi LOA placed (UG cable).
8	Palghar ICT	220/100	2x100		100	85	90	85		OCT-19	MAR-20	RFD	Work in progress
9	Up-gradation of existing 132 kV Pandharkawda substation to 220 kV level	220/132	1x100		100	100	100	100		JUN-19	JAN-20	RFD	Commissioned 12/19 (Late Reported).

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					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
10	Uppalwadi Sub-Station	220/33	2x100		100	100	98	96			SEP-19	RFD	ICT-I and ICT-II along with 220kV bus & PT backcharged on 18-03-2019 & 220KV bays (6 Nos) charged on dt.28.03.2019.The 220/33 kv 50 MVA T/F is successfully test charged on dtd.15.05.2019. T/F-II back charged on 06/12/19.
M.P. POWER TRANSMISSION CORPORATION LIMITED (MPPTCL)													
1	Badnawar S/S	400/220	2x315		100	100	100	99		JUN-19		RFD	1st 315 MVA X-mer charged on 07.03.2019 & 125MVAR reactor charged on 11.03.2019
2	Gudgaon (GEC-I)	220/132	1x160		100	100	100	100		SEP-19	JAN-20	RFD	Commissioned 12/19.
3	Kirnapur S/S	400/132/33	2x100		100	100	100	100		SEP-19		RFD	Charged in March 2019
4	Mandsaur (Sitamau) (GEC-I)	400/220	630		100	73	60	27		MAR-20	JUL-20	RFD	
5	Ratangarh (GEC-I)	220/132	2x160		100	99	65	65		DEC-19	JAN-20	RFD	
6	Sagar (Additional T/F)	220/33	2x25		100	100	100	100		JUN-19	DEC-19	RFD	Commissioned 11/19.
7	Sailana (GEC-I)	220/132	1x160		100	100	100	100		DEC-19	DEC-19	RFD	Commissioned 12/19.
8	Sheopur S/S	220/132	320		100	73	65	50		MAR-20		RFD	1x63MVA 132/33KV X-mer charged on 30.06.2019
9	Ujjain (GEC-I)	400/220	630		100	100	99	63		MAR-20	FEB-20	RFD	
10	Upgradation of Chapda 132Kv S/s to 220kv with 1x160MVA	220/132	160		100	100	97	90		DEC-19		RFD	Work under progress.
11	Upgration of Depalpur 132 Kv S/s 220kv with 1x160MVA	220/132	160		100	100	100	90		DEC-19		RFD	Work under progress.
ORISSA POWER TRANSMISSION CORPORATION LTD. (OPTCL)													
1	Aska S/S	220/132	2x160		100	100	100	100		JUL-19	JUL-19	RFD	Commissioned 06/19.
2	Bolangir S/S	220/132	1x160		100	100	100	100		MAY-19	MAR-20	RFD	Commissioned 02/20.
3	Duburi (ICT-III)	400/220	1x315		100	70	90	60		MAR-20	JUN-20	RFD	
4	Goda S/S	220/132	2x160		100	90	90	90		SEP-19	MAR-20	RFD	
5	Jaypatna S/S	220/132	1x160		100	100	100	100		JUN-19	AUG-19	RFD	Commissioned 07/19.
6	Joda S/S	220/132/33	1x160		100	90	100	80		MAY-19	MAR-20	RFD	
7	Kalimela S/S	220/33	1x40		100	95	90	75		FEB-20	MAR-21	RFD	
8	Kashipur S/S	220/33	1x20		100	100	100	100			AUG-19	RFD	Commissioned 07/19.
9	Kesinga S/S	220/132	2x160		100	95	95	95		JUN-19	DEC-20	RFD	Capacity to be 2X160 MVA
POWER TRANSMISSION CORP. OF UTTARAKHAND LTD. (PTCUL)													

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Capacity (No.xMV A)	Date of Award	Cumulative progress till date					Commissioning		Tag Type	Remarks
					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
1	Baram (Jauljibi) New	220/33	2x25		100	75	73	25		AUG-19	MAY-20	RFD	Completion Target 31.05.2020
2	Jaffarpur S/S	220/33	1x100		0	98	100	100		JUN-19	MAR-20	RFD	Work awarded to M/s Varigant Project Pvt. Ltd., Hyderabad and M/s Kanhor Electrical Ltd. Meerut. Total physical progress is about 98%. Electrical work of substation is completed & civil work is under progress.
PUNJAB STATE TRANSMISSION CORPORATION LIMITED (PSTCL)													
1	Muksam (Aug) Addl T/F	400/220	500		100	100	100	100		MAY-19	SEP-19	RFD	Commissioned 08/2019.
RAJASTHAN VIDYUT PRASARAN NIGAM LIMITED (RVPNL)													
1	Aklara (Dist. Jhalawar)	220/132	1x160		100	95	85	85		DEC-19	JUN-20	RFD	Electrical works: Work order Issued to M/s Kay Cee Energy and Infra Private limited, Kota on Dated:-10.05.2018. Work under progress.
2	Chhatargarh GSS (Upgradation) (GEC-I)	220/132	1x160		100	85	97	97		DEC-19	MAY-20	RFD	NOA issued in favor of M/s Kanohar. Control room under progress.
3	NPH Jodhpur S/S	220/132/33	320		100	100	100	100		SEP-19	MAR-20	RFD	Work completed. Transformer erection in progress. wiring work of equipment in progress.
TAMILNADU TRANSMISSION CORPORATION LTD. (TANTRANSCO)													
1	Ariyalur S/S	765/400	2x1500		100	65	55	55		MAR-20	MAR-20	RFD	Work under progress.
2	Samayanallur S/S	230/110	2x100		100	90	90	90		MAR-20	MAR-20	RFD	230 KV equipment and plinth works are under progress.
3	Sankarapuram S/S	230/110	1x100		100	90	95	95		MAR-20	MAR-20	RFD	Work under progress.
4	Thirupathur S/S	230/110	1x100		100	98	98	98		SEP-19	MAR-20	RFD	Testing in progress. works are nearing completion.
5	Thiruppur S/S	230/110	2x100		0	0	0	0		SEP-19		RFD	
6	TNEB HQ (GIS) (JICA) S/S	230/110	2x100		100	95	100	50		MAR-20	NOV-19	RFD	Civil works completed. GIS Equipment erection under progress.
TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED (APTRANSCO)													
1	Aug. at Hindupur	400/220	1x315		100	100	90	90		DEC-19	MAR-20	RFD	i) All PTR Bay Extension works completed ii) ICT will be allotted as per the load requirement duly matching with the commissioning schedule of 220kV downstream network

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Capacity (No.xMV A)	Date of Award	Cummulative progress till date					Commissioning		Tag Type	Remarks
					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
2	Aug. at Jammalamadugu	400/220	1x315		100	90	90	90		DEC-19	MAR-20	RFD	i) All PTR Bay Extension works completed ii) ICT will be allotted as per the load requirement duly matching with the commissioning schedule of 220kV downstream network
3	Aug.at Kalpaka -4th (500MVA)	400/220	500		100	20	0	0		MAR-20	MAR-20	RFD	Equipment foundation works under progress.32 Nos out of 68 Nos Equipment foundations completed.
4	Aug. at Manubolu (Nellore)	400/220	500		100	20	0	0		MAR-20	MAR-20	RFD	Equipment foundation works under progress.36 Nos out of 52 Nos Equipment foundations completed.
5	Betamcherla (GEC-I)	220/132/33	2x160		100	85	80	80		JUN-19	NOV-19	RFD	Works are under progress.
6	Mylavaram (GEC-II)	400/220	3x315		100	0	0	0		MAR-20		RFD	Instead of constructing seperate 400kV SS at Mylavaram revised system studies conducted for solar power evacuation from solar park at mylavaram by laying 220kV lines from pooling stations to the existing 400kv SS at Jammalamadugu.
7	Naidupeta S/S	220/132	2x100		100	75	100	95		JUN-19	DEC-19	RFD	75% of work completed works are under progress.
8	Pampanur Tanda (GEC-I)	220/132	2x160		100	80	100	100		DEC-19	DEC-19	RFD	80% of work completed.
9	Pydibhimavaram S/S	220/132	3x100		100	85	90	90		AUG-19	FEB-20	RFD	90% of work completed.
10	Rachaganneru S/s	400/220	630		100	85	90	80		AUG-18	DEC-19	RFD	1.Detailed Purchase orders issued on 31.01.2018 .472 Nos out of 472 Structure foundations , 509 Nos out of 527 Nos structure erection and 391 Nos out of 410 Nos equipment erection completed. 2.The scope of work changed due to addition of 125 MVAR Bus Reactor works as recommended by CEA. Other civil works under progress.
Transmission Corporation of Telangana Limited (TSTRANSCO)													
1	Banswada	220	2x100		0	0	0	0	0	JUN-19		RFD	

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Capacity (No.xMV A)	Date of Award	Cummulative progress till date					Commissioning		Tag Type	Remarks
					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
2	B.G.Kottur (V) LI SS (without Pump PTRs)	220/11	180		100	95	100	100		FEB-20	OCT-19	RFD	Substation Test charged on 14.10.2019
3	Bowrampet S/S	220/132	2x160		0	0	0	0	0	JUN-19		RFD	
4	Chanchalguda S/S	220	1x150		0	0	0	0	0	SEP-19		RFD	
5	Indravelly (Uttoor) S/S with Automation System	220/132	2x100							SEP-19		RFD	
6	Jangaon s/s (3x500) (ICT-I)	400/220	500		100	100	100	100		AUG-18	MAY-19	RFD	Commissioned 05/19.
7	Kamalapuram S/S (LI SS with Trans.)	400/220/33	3x315		100	65	90	55			DEC-19	RFD	
8	Kothur	220/132	320		0	0	0	0	0	JUN-19		RFD	
9	Ramadugu S/S	400/220	2x315		100	100	100	100		MAY-19	JAN-20	RFD	400/200kV Ramadugu S/S is under execution besides already existing LI Ramadugu substation and PTR testing completed
10	Rayadurg (GIS)	400/220/132	1000		100	80	75	0		SEP-17	MAR-20	RFD	
11	Renzal GIS	220	2x100		0	0	0	0	0	JUN-19		RFD	
12	V.K.Ramavaram LI SS (without Pump PTRs)	220/11	(3x50) - (2x50+1x20)		100	95	100	100		MAR-20	DEC-19	RFD	Substation test charged on 28.12.2019
U.P. POWER TRANSMISSION CORPORATION LTD. (UPPTCL)													
1	Amethi S/s	220/132	1x160		100	100	100	100		APR-19	APR-19	RFD	Commissioned 04/19.
2	Basti GIS	400/220	2x500+2x200		100	58	8	4		FEB-20	AUG-20	RFD	Work in progress.
3	Malwan S/S (Fatehpur)	220/132	2x160		100	95	76	75		JAN-20	MAR-20	RFD	S/s is energised at 132 kV on 25/11/19. Work in progress.
4	Phoolbagh Kanpur (New) T/F-I	220/33	60		100	100	100	100		JUN-19	DEC-19	RFD	Commissioned 11/19.
5	Raja ka Talab S/S (Varanasi)	220/132	1x160		100	100	100	100		MAY-19	AUG-19	RFD	Commissioned 07/19.
WEST BENGAL STATE ELECTRICITY TRANSMISSION CO. LIMITED (WBSETCL)													
1	Gazol GIS	220/132	2x160		100	100	100	100		JUN-19	AUG-19	RFD	Commissioned 07/19.
2	New Town AA-IIC GIS	220/132	320		100	97	95	85		DEC-19	AUG-20	RFD	
3	New Town AA-IIC (GIS)	220/33	2x100							DEC-19		RFD	
4	Rejinagar S/S	220/132	2x160		100	100	100	100		JUN-19	NOV-19	RFD	Commissioned 10/19.
PRIVATE SECTOR													
Essel Infraprojects Ltd. (ESSEL)													

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Capacity (No.xMV A)	Date of Award	Cumulative progress till date					Commissioning		Tag Type	Remarks
					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
1	Warangal (New) S/s (WKTL -TBCB)	765/400	2x1500		100	47	60	0		NOV-19	DEC-19	RFD	1) 100% land purchased for Warangal Sub-station. 2) Substation basic design & engineering works completed. 3) 10 no. of reactors received at site , 60% S/s material received at site 4) S/s civil works, structure erection and earthing work is in progress.
STERLITE GRID LTD. (SGL)													
1	Kadarpur (Gurgaon) (GIS) (GPTL - TBCB)	400/220	2x500		100	100	100	100		MAY-19	DEC-19	RFD	Commissioned 11/19.
2	Khandwa PS (KTL - TBCB)	765/400	2x1500		100	100	100	100		JUL-19	JAN-20	RFD	1. Agitation from farmers for land acquisition and obstruction by them on Construction work 2. 2. Delay due to Force Majeure events and the same has been intimated to the concerned LTTCs 3. Received Approval for Energization certificate from CEA on 13-01-2020
3	P.K. Bari S/S (NER-II TL- TBCB)	400/132	2x315		95	70	100	34		JUL-20	APR-20	RFD	1. 132kV transmission line has to be constructed by TSECL from P.K. Bari (TBCB) to P.K. Bari (TSECL) to utilize the system. 2. Allotment of 1.17 acres of Government land is pending with Collector, Unakoti
4	Prithala (Palwal) (GIS) (GPTL - TBCB)	400/220	2x500		100	100	100	100		MAY-19	AUG-19	RFD	Commissioned 07/19.
5	Sohna Road (Gurgaon) (GIS) (GPTL - TBCB)	400/220	2x500		100	100	100	100		SEP-19	MAR-20	RFD	1. Environment Pollution Control Authority (EPCA) construction Ban has prevented and unavoidably delayed the construction work which is a Force Majeure event and the same has been intimated to LTTCs 2. Electrical Inspection was held on 27-02-2020 and the approval for Energization certificate is expected by 6th Mar 2020

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Capacity (No.xMVA)	Date of Award	Cumulative progress till date					Commissioning		Tag Type	Remarks
					Land Acquired (%)	Civil works completed (%)	Materials / Equipments Received (%)	Materials / Equipments erected (%)	Capacity Tested/ Commissioned (MVA)	Original	Revised/ Anticipated		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
6	Surajmaninagar (NER-II TL -TBCB)	400/132	2x315		95	65	100	21		JUL-20	APR-20	RFD	1. 132kV transmission line has to be constructed by TSECL from Surajmaninagar (TBCB) to Surajmaninagar (TSECL) to utilize the system. 2. Allotment of 1.02 acres of Government land is pending with Collector, West Tripura