

**ANNUAL TARGET
FOR
IMPLEMENTATION OF TRANSMISSION SYSTEM
(Transmission lines & Transformation capacity in
Substations of 220kV & above voltage levels)
FOR
FINANCIAL YEAR 2019-20**



**CENTRAL ELECTRICITY AUTHORITY
POWER SYSTEM WING
POWER SYSTEM PROJECT MONITORING DIVISION**



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत प्रणाली परियोजना प्रबोधन प्रभाग
Power System Project Monitoring Division

Quarterwise Target
Implementation of Transmission system
(Transmission lines and Transformation capacity in substations)
FY 2019-20

Target	Q1	Q2	Q3	Q4	Total
Transmission line (ckm)	7935	2889	5531	7266	23621
Transformation Capacity in Substations (MVA)	25895	19490	16346	19985	81716

3	Sunda-Hatkoti	D/C	220	51	Sep-19						51	51								51	
4	LILO of both ckt. Jhakri Abdullapur at (Gumma) pragati Nagar	D/C	400	3	Jun-19			3	3											3	
5	Lahal - Budhil	D/C	220	4	Jun-19			4	4											4	
			Total	122				0	0	43	43	0	0	79	79	0	0	0	0	122	
J&K POWER DEVELOPMENT DEPARTMENT (JKPDD)																					
1	Wagoora-Budgam- Zainkote	D/C	220	60	Dec-19										60	60				60	
2	Wagoora-Mirbazar	D/C	220	104	Mar-20														104	104	
3	Zainkote-Alusteng-Mirbazar	D/C	220	254	May-19			254	254											254	
			Total	418				0	254	0	254	0	0	0	0	60	60	0	0	104	418
JHARKHAND URJA SANCHARAN NIGAM LIMITED (JUSNL)																					
1	Chatra - Latehar TL	D/C	220	208	Mar-20														208	208	
2	Link Line Daltonganj - Garhwa TL (Bhagodih END)	D/C	220	82	Mar-20														82	82	
3	GOVINDPUR - DUMKA TL	D/C	220	203	Mar-20														203	203	
4	Chatra - PBCMP (Barkagaon) TL	D/C	220	117	Mar-20														117	117	
5	220kV D/C Jasidih - Giridih TL	D/C	220	153	Mar-20														153	153	
6	LILO of 220kV D/C Govindpur - TTPS TL at Jainamore	D/C	220	70	Mar-20														70	70	
7	220kV D/C Godda - Lalmatia TL	D/C	220	44	Mar-20														44	44	
8	Godda - Dumka TL	D/C	220	139	Mar-20														139	139	
9	Daltonganj - Garhwa TL	D/C	220	64	Mar-20														64	64	
10	Patratu - Ratu (Burm) TL	D/C	220	61	Mar-20														61	61	
11	JASIDIH - DUMKA (MADANPUR) TL	D/C	220	148	Mar-20														148	148	
12	Chaibasa - Gua TL	D/C	220	168	Mar-20														168	168	
13	Hatia - Namkum TL	D/C	220	65	Mar-20														65	65	
14	TTPS - GOVINDPUR TL	D/C	220	181	Mar-20														181	181	
15	Latehar (JUSNL) - PTPS TL	D/C	400	220	Mar-20														220	220	
16	Quad Essar (Latehar) - Latehar (JUSNL) TL	D/C	400	81	Mar-20														81	81	
17	PTPS - Bero (New Ranchi) TL	D/C	400	102	Mar-20														102	102	
			Total	2106				0	0	0	0	0	0	0	0	0	0	0	2106	2106	
KARNATAKA POWER TRANSMISSION CORP. LIMITED (KPTCL)																					
1	LILO of Neelamangla - Hoody at Devanahalli (Hardware Park)	D/C	400	3	Sep-19						3	3								3	
2	LILO of somanahalli - Kolar at Mylasandra (Near electronic city)	D/C	400	1	Sep-19						1	1								1	
3	HVDC Kolar - T'Gollahali (Thimmasandra)	D/C	220	54	Dec-19									54	54					54	
4	B3 - B4 to Brindavan alloyas	D/C	220	2	Jun-19			2	2											2	
5	Itagi - Kudligi (Badeladaku)	D/C	220	65	Aug-19					65		65								65	
6	Devanahalli -(Hardware Park 2nd ckt) and Doddaballapura (2nd ckt)	M/C	220	113	Mar-20														113	113	
7	Melasandra (New electronic city) - Yerandanahalli & consersion of existing	M/C	220	27	Dec-19									27	27					27	
8	Jagalur (hirimallandnahole) - Khudligi	D/C	220	83	Jul-19				83			83								83	
9	Kudagi - Vajramatti	D/C	220	159	Oct-19								159		159					159	
10	Jagalur (hirimallandnahole) - Chitradurga	M/C	220	71	Jul-19				71			71								71	
			Total	578				0	0	2	2	154	65	4	223	159	0	81	240	113	578
KERALA STATE ELECTRICITY BOARD (KSEB)																					
1	220kV Brahmapuram-Kaloor	D/C	220	23	Jan-20														23	23	
2	LILO of 220kV Lower Periyar-Madakathara at Chalakundy	D/C	220	17	Oct-19									17		17				17	
3	LILO of 220kV Kaniampetta-Areakode at Kunnamangalam	D/C	220	15	Sep-19						15	15								15	
4	400/220kV Madkathara-Kozhikode MCMV feeder	M/C	220	96	Jan-20														96	96	
			Total	151				0	0	0	0	15	15	17	0	17	119	0	0	119	
M.P. POWER TRANSMISSION CORPORATION LIMITED (MPPTCL)																					
1	400kV D/C line from Indore(PGCIL) 765kV S/s to Ujjain 400kV S/s	DCDS	400	91	Mar-20														91	91	
2	400 Kv D/C line from Nagda (400kv) S/s - Mandsaur 400Kv S/s	DCDS	400	137	Mar-20														137	137	
3	LILO of one circuit of Satna(PGCIL) - Bina(PGCIL) at Sagar 400 kV S/s	DCDS	400	50	Jun-19			50	50											50	
4	LILO One circuits of Ashta 400kv - Dewas 220kV D/C Line at CHAPDA 220KV S/s	DCDS	220	66	Dec-19									66	66					66	

5	Pithampur 400-Depalpur 220kv DCDS line	DCDS	220	75	Dec-19									75	75					75					
6	220kV D/C line from Betul 220kV S/s to Gudgaon 220kV S/s	DCDS	220	94	Sep-19					94	94									94					
7	220kV D/C line from Badnawar 400kV S/s to Kanwan 220kV S/s	DCDS	220	64	Sep-19					64	64									64					
8	220kV D/C line from Neemuch 220kV S/s to Ratangarh 220kV S/s	DCDS	220	95	Dec-19									95	95					95					
9	220kV D/C line from Dhar 220kV S/s to Kanwan 220kV S/s	DCDS	220	63	Dec-19									63	63					63					
10	LILO both circuits of Ujjain - Badod 220KV line at Ujjain 400KV S/s	DCDS	220	24	Mar-20													24	24	24					
11	2nd Circuiting of Ratlam Switching - Daloda 220kV line	2ND CKT	220	69	Mar-20														69	69	69				
12	Sabalgarh - Sheopur 220 KV DCDS line	DCDS	220	220	Mar-20														220	220	220				
			Total	1048					0	0	50	50	0	0	158	158	0	0	299	299	0	0	541	541	1048
MAHARASHTRA STATE ELEC. TRANSMISSION COMPANY LTD. (MSETCL)																									
1	LILO of Bhusawal - Aurangabad ckt-II at Aurangabad (Thaptitanda)	D/C	400	126	Jun-19					126	126													126	
2	Kumbhari(PGCIL) - Bale	DC	220	111	Dec-19									111	111									111	
3	LILo of Pandharpur - Malinagar for Bhalwani	DC	220	39	Jun-19					39	39													39	
4	LILo of one circuit of Paras-Balapur line to Malkapur	DC	220	144	Jun-19					144	144													144	
5	LILo of Boisar (M) - Borivali express feed-II at Boisar (PG)	DC	220	4	Jun-19					4	4													4	
6	LILo on one ckt of Parli - Harangul line at Parli (PGCIL)	DC	220	24	Jun-19					24	24													24	
7	LILo on 220kV Mhaisal-Jath at 400kV Alkud S/S	D/C	220	45	Oct-19								45											45	
8	LILo on 220 kV Deoli(PG) - Ghatodi line for 220 kV Yavatmal s/s	D/C	220	20	Jun-19					20	20													20	
9	220kV M/C LILo on 220kV Tarapur-Borivali & Boisar-Ghodbandar line for 400kV Kudus S/s	D/C	220	117	Dec-19									117	117									117	
10	220 kV LILo on Kolshet-Wada & Padghe-Wada line at 400kV Kudus S/s	D/C	220	31	Dec-19									31	31									31	
11	220kV DC line from 220kV Wani s/s to Pandharkawda s/s	D/C	220	29	Jan-20														29					29	
12	220kV DC line from 400kV Solapur (PG) S/S to 220kV Narangwadi S/S	D/C	220	81	Mar-20															81				81	
13	220kV DC line from Deoli (PGCIL) upto LILo pt. for 220 kV Yavatmal ss	D/C	220	84	Jun-19					84	84													84	
14	220kV DC Tapititanda -Georai line	D/C	220	109	Oct-19								109											109	
			Total	964					0	0	441	441	0	0	0	0	154	0	259	413	29	0	81	110	964
ELECTRICITY DEPARTMENT, GOVT. OF MANIPUR(ED, Manipur)																									
1	Yurembam ss (PG) - Thoubal ss line	D/C	400	90	Apr-19				90		90													90	
			Total	90					90	0	0	90	0	0	0	0	0	0	0	0	0	0	0	0	90
ORISSA POWER TRANSMISSION CORPORATION LTD. (OPTCL)																									
1	220kV LILo of Balimela-Malkangiri Line at Gobindpalli	D/C	220	80	Mar-20																	80	80	80	
2	220kV Bolangir-Kesinga Line	D/C	220	170	Jun-19					170	170													170	
			Total	250					0	0	170	170	0	0	0	0	0	0	0	0	0	0	80	80	250
POWER TRANSMISSION CORP. OF UTTARAKHAND LTD. (PTCUL)																									
1	220 KV Puhana - Imlikhera (Pirankaliyar) line	D/C	220	14	Nov-19								14		14									14	
2	220 kV Lakhwar to Dehradun line and its LILo at Vyasi	D/C	220	71	Dec-19									71	71									71	
3	220 kV Rudrapur - Srinagar line (from srinagar to interconnection point of	D/C	220	150	Jun-19					150	150													150	
4	LILo of 220 KV Dhautiganga-Pithoragarh (PGCIL) Line	D/C	220	11	Aug-19							11												11	
5	LILo of 220 kV Kashipur - Pantnagar line at proposed 220/33 kV substation Jaffarpur.	D/C	220	8	Jun-19					8	8													8	
			Total	254					0	0	158	158	0	11	0	11	0	14	71	85	0	0	0	0	254
PUNJAB STATE TRANSMISSION CORPORATION LIMITED (PSTCL)																									
1	LILo of 2nd ckt of PGCIL Jalandhar - Kotla jagan (nakodar) line at	D/C	220	5	May-19				5		5													5	
2	LILo of Himmatpura - jagraon at Ajitwal	D/C	220	3	May-19				3		3													3	
3	Makhu - Algaon	D/C	220	101	May-19				101		101													101	
4	Makhu - Rashiana	D/C	220	92	May-19				92		92													92	
5	Malout - Abohar	S/C	220	30	May-19				30		30													30	
6	Nakodar-Ladhowal	D/C	220	70	Dec-19									70	70									70	
			Total	301					0	231	0	231	0	0	0	0	0	0	70	70	0	0	0	0	301

RAJASTHAN VIDYUT PRASARAN NIGAM LIMITED (RVPNL)																													
1	Suratgarh TPS - Babai (Jhunjhunu)	D/C	400	480	Apr-19	480		480										480											
2	Ramgarh -Bhadla	D/C	400	320	Apr-19	320		320										320											
3	LILO of one ckt. Of 400kV D/C Akal- Jodhpur line at 400 kV GSS	D/C	400	20	Mar-20											20	20	20											
4	220kV D/C Akal (400kV)- Jaisalmer-2 (400kV) line (KfW funded scheme)	D/C	220	112	Mar-20											112	112	112											
5	220kV D/C Chhatargarh – Gajner line	D/C	220	167	Dec-19								167	167				167											
6	220 kV D/C from 220 kV GSS Basni (Jodhpur) to 220 kV GSS NPH	D/C	220	6	Sep-19				6	6								6											
7	LILO of 220 kV S/C Jhalawar- Chhabra line at 220kV GSS Aklera (U/C)	D/C	220	97	Dec-19								97	97				97											
			Total	1202		800	0	0	800	0	0	6	6	0	0	264	264	0	0	132	132	1202							
TAMILNADU TRANSMISSION CORPORATION LTD. (TANTRANSCO)																													
1	North Chennai Pooling Station - Ariyalur	D/C	765	542	Mar-20													542	542	542									
2	Thervaikandikai - Korattur	D/C	400	74	Dec-19								74	74					74	74	74								
3	LILO of Thappagundu - Anaikadavu at Udumalpet (PGCIL) S/S	D/C	400	40	Sep-19						40	40								40	40	40							
4	Cuddalore - Veerapuram (SP Koil) Via Neyveli.	D/C	230	348	Jun-19			348	348												348	348							
5	Dharmapuri (Palavadi) 400 KV SS to proposed Udanapally 230 KV SS.	D/C	230	114	Jun-19			114	114													114	114						
6	Palavady to Thirupathur	DC	230	75	Dec-19								75	75								75	75						
7	Neyveli to Kadalangudy	SC	230	77	Mar-20													77	77	77	77	77	77						
8	N.T.Kudy to Karaikudi	SC	230	110	Mar-20													110	110	110	110	110	110						
9	LILO of Neyveli TS-I-Thiruvannamalai feeder at Sankarapuram	DC	230	92	Mar-20													92	92	92	92	92	92						
10	Ulundurpet - Sankarapuram	SC	230	60	Mar-20													60	60	60	60	60	60						
			Total	1532		0	0	462	462	0	0	40	40	0	0	149	149	0	0	881	881	1532							
TRANSMISSION CORPORATION OF TELANGANA (TSTRANSCO)																													
1	Nirmal SS - 400/220kV Dichpally Jangaon Quad moose line	D/C	400	120	Jul-19				120				120									120	120						
2	NTPC - 400/220kV Ramadugu SS QMDC line	D/C	400	104	Aug-19					104			104										104	104					
3	LILO of 220kV KTPS V-Lower Sileru -II Line to proposed Pump House-1 at B.G.Kottur	D/C	220	40	Feb-20													40	40	40	40	40	40						
4	LILO of one circuit of 220kV KTPS-Manuguru Line to proposed Pump House-1 at B.G.Kottur	DC	220	1	Feb-20													1	1	1	1	1	1						
5	Kamalapuram LI SS - V.K.Ramavaram TMDC line	DC	220	30	Feb-20													30	30	30	30	30	30						
6	Julurupadu SS - Kamalapuram LI Sub Station TMDC line	D/C	400	80	Feb-20													80	80	80	80	80	80						
7	Kethireddypally SS - AP-41 line (twin HTLS on Quad Conventional towers)	D/C	400	53	Mar-20													53	53	53	53	53	53						
8	LILO of 220 KV Mamidipally -Shadnagar line to Proposed Kothur 220 KV SS	D/C	220	1	Jun-19			1	1														1	1					
9	LILO of 220kV Shamshabad- Kethireddypalli to Proposed Kothur 220 KV SS	D/C	220	18	Jun-19			18	18															18	18				
10	400/220/132KV Gajwel - 220/132/33KV SS Siddipet line (on Galvanized Towers with Moose ACSR)	D/C	220	66	Sep-19						66	66												66	66				
11	400KVSS Dindi - existing 220 kV Kondamallepally SubStation	D/C	220	70	Sep-19						70	70												70	70				
12	400/220KVSS Narsapur - proposed 220 kV Bowrampet SubStation	D/C	220	136	Jun-19			136	136																136	136			
13	220kV Shivarampally SS - 132kV Asifnagar SS 2nd Circuit (220kV XLPE UG Cable- 3.0kM and OH line-0.5 kM)	S/C	220	4	Jun-19			4	4																4	4			
14	LILO of 220kV XLPE UG Cable Chandrayanagutta - Imlibun to the proposed 220/33 kV Chanchalguda GIS SS	S/C	220	1	Sep-19						1	1													1	1			
15	400/220 KV SS Nirmal - Up graded 220/132KV Substation at Renzal (Nizamabad district).	D/C	220	140	Jun-19			140	140																	140	140		
16	400/220KV SS Dichpally to proposed 220/132 KV SS Banswada in Nizamabad District	D/C	220	168	Jun-19			168	168																		168	168	
17	LILO of existing 220KV KTS-Shapuram SC line at proposed 400 / 220 KV SS Jangaon in Jangaon District	S/C	220	45	Jun-19			45	45																		45	45	
18	LILO of existing 220KV KTS - Shapuram SC line at 220/132KV SS Waddekothapally in Jangaon District	S/C	220	17	Jun-19			17	17																		17	17	
19	LILO of existing 220 KV Waddekothapally -Bhongir DC line (Both Circuits) to proposed 400 / 220 KV SS Jangaon in Jangaon District	M/C	220	104	Jun-19			104	104																			104	104
20	400/220 KV SS Nirmal - proposed 220/132KV SS Indravelly (Utmoor) in Adilabad District	D/C	220	204	Sep-19						204	204																204	204

21	LILO of existing 220KV Durshed - Sircilla DC line (both circuits) to proposed 400/220KV SS Ramadugu in Karimnagar District	M/C	220	36	Sep-19						36	36								36		
22	LILO of existing 220KV RSS (Malayalapalli) -Bheemgal SC line to proposed 400/220KV SS Ramadugu in Karimnagar District	S/C	220	24	Sep-19						24	24								24		
			Total	1462		0	0	633	633	120	104	401	625	0	0	0	0	0	151	53	204	1462
U.P. POWER TRANSMISSION CORPORATION LTD. (UPPTCL)																						
1	Anpara D - Unnao	S/C	765	416	Apr-19	416						416									416	
2	Tanda TPS Extn- Basti (Quad) Line	S/C	400	43	OCT-19									43							43	
3	LILo of Gorakhpur(PG)- Lucknow(PG) Line Circuit III at Basti(400)	D/C	400	48	Mar-20															48	48	
4	LILo of Gorakhpur(PG)- Lucknow(PG) Line Circuit IV at Basti(400)	D/C	400	60	Mar-20															60	60	
5	Sohawal - Tanda Line	D/C	220	226	Apr-19	226						226									226	
6	LILo of Sultanpur- Sangipur 1st Circuit at Amethi	D/C	220	7	Apr-19	7						7									7	
7	Raja ka Talab- Sahupuri (220)	S/C	220	61	May-19		61					61									61	
8	220 kV Unnao(400) - Phoolbagh(Kanpur) DC line	D/C	220	28	Jun-19			28				28									28	
9	LILo of one ckt Fatehpur-Unchahar at Malwan	D/C	220	58	Jan-20													58			58	
			Total	947		649	61	28	738	0	0	0	0	43	0	0	43	58	0	108	166	947
WEST BENGAL STATE ELECTRICITY TRANSMISSION CO. LIMITED (WBSETCL)																						
1	Sagardighi TPS - Gokarna 400 KV D/C (ACSR Quad Moose)	D/C	400	89	Dec-19									89							89	
2	LILo of Arambag - Durgapur 400 kV S/C at N. Chanditala	D/C	400	97	Jun-19			97				97									97	
3	LILo of Arambag - Rishra 220 kV S/C at N. Chanditala	D/C	220	31	Sep-19						31										31	
4	LILo of Malda (PG) - Dalkhola (PG) 220 kV D/C at Gazol	D/C	220	7	Jun-19			7				7									7	
5	LILo of Gokarna - Krishnanagar 220 kV D/C at Rejinagar	D/C	220	9	Jun-19			9				9									9	
			Total	233		0	0	113	113	0	0	31	31	0	0	89	89	0	0	0	0	233
			Subtotal (B) SS	14397		1615	750	3154	5519	349	226	1096	1671	427	84	1454	1965	310	151	4781	5242	14397
PRIVATE SECTOR																						
Adani Transmission Ltd.																						
1	400 kV D/C Ghatampur - Kanpur Line	D/C	400	98	Feb-20															98		
			Total	98		0	0	0	0	0	0	0	0	0	0	0	0	0	0	98	0	98
ESSEL INFRAPROJECTS LIMITED																						
1	Warora (Pool) - warangal (New)	D/C	765	645	Dec-19									645							645	
2	Waranga(New)- Hyderabad	D/C	765	265	Dec-19									265							265	
3	Hyderabad - Kurmool	D/C	765	332	Feb-20															332	332	
4	Waranga(New) - Chilakaluripeta	D/C	765	395	Feb-20															395	395	
5	Warangal(New) - warangal (Existing)	D/C	400	95	Feb-20															95	95	
6	Babai (RRVPNL) - Bhiwani (PG)	D/C	400	221	Jul-19					221											221	
			Total	1953		0	0	0	0	221	0	0	221	0	0	910	910	0	822	0	822	1953
STERLITE GRID LTD. (SGL)																						
1	Aligarh-Prithala Transmission line	D/C	400	99	Apr-19	99						99									99	
2	Prithala-Kadarpur Transmission Line	D/C	400	55	Apr-19	55						55									55	
3	Kadarpur-Sohna road Transmission Line	D/C	400	22	May-19		22					22									22	
4	LILo of Gurgaon - Manesar transmission line at Sohna Road	D/C	400	1	May-19		1					1									1	
5	Khargone TPP - Khandwa pool Transmission Line	D/C	400	49	Apr-19	49						49									49	
6	Khandwa Pool - Indore Transmission Line	D/C	765	179	Apr-19	179						179									179	
7	Khandwa Pool - Dhule Transmission Line	D/C	765	378	Apr-19	378						378									378	
8	Surajmaninagar - P. K. Bari Transmission Line	D/C	400	154	Dec-19									154							154	
9	Silchar (PG) - Misa (PG) Transmission Line	D/C	400	349	Jul-19					349			349								349	
10	Dharamjaygarh Pool Section B - Raigarh (Tamnar) Pool Transmission Line	D/C	765	140	Mar-20															140	140	
			Total	1426		760	23	0	783	349	0	0	349	0	0	154	154	0	0	140	140	1426
			Subtotal (C) PS	3477		760	23	0	783	570	0	0	570	0	0	1064	1064	0	920	140	1060	3477
			Grand Total	23621		3012	773	4150	7935	1257	226	1406	2889	427	84	5020	5531	310	1071	5885	7266	23621

Details of Substations targeted for FY 2019-20

Substation	Annexure-II																				
S.No	Utility / Substation Line	Voltage Ratio (KV)	Transformation Capacity (MVA)	Target Date	Apr'19	May'19	Jun'19	Q1	Jul'19	Aug'19	Sep'19	Q2	Oct'19	Nov'19	Dec'19	Q3	Jan'20	Feb'20	Mar'20	Q4	Total
					T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
CENTRAL SECTOR																					
Damodar Valley Corporation (DVC)																					
1	Dhanbad (Auto-Xmer)	220/132	320	Jun-19			320	320													320
2	Burdwan GIS along with associated line bays at Parulia S/s	220/132	320	Jun-19			320	320													320
3	Jamshedpur(Auto Xmer- Replacement)	220/132	160	Mar-20															160	160	160
4	DSTPS ICT-II S/s	400/220	315	Aug-19						315		315		0	0	0	0	0	0	160	160
	Total		1115		0	0	640	640	0	315	0	315	0	0	0	0	0	0	160	160	1115
POWER GRID CORPORATION OF INDIA LIMITED (PGCIL)																					
1	Bikaner S/S	765/400	3000	Dec-19											3000	3000					3000
2	Chilakaluripeta S/S (PSITL - TBCB)	765/400	3000	Apr-19	3000			3000													3000
3	Jharsuguda (Sundargarh) S/S (Addl.)	765/400	3000	Sep-19							3000	3000									3000
4	Aligarh (PG) 765kV GIS (creation of 400kV Level)	765	3000	Jul-19					3000			3000									3000
5	Extn at Durgapur S/s (3rd ICT)	400/220	315	Sep-19							315	315									315
6	Extn at Jeypore s/s	400/220	630	Dec-19											630	630					630
7	Extn at New Siliguri s/s (3rd ICT)	400/220	315	Jun-19			315	315													315
8	Extn at Rourkela S/s	400/220	630	Sep-19							630	630									630
9	Jauljivi (GIS) s/s	400/220	630	Dec-19											630	630					630
10	Repl of 400/220kV Malda S/s (3x315-2x500)	400/220	370	Mar-20															370	370	370
11	Champa and Kurukshetra HVDC Station (Addl.) (Pole-3 and 4)	800	3000	Sep-19							3000	3000									3000
12	Bhadla S/S	765/400	4500	Jun-19			4500	4500													4500
13	Meerut (Aug.)	765/400	1500	Sep-19							1500	1500									1500
14	Dwarka -I (GIS) S/S	400/220	2000	Dec-19											2000	2000					2000
	Total		25890		3000	0	4815	7815	3000	0	8445	11445	0	0	6260	6260	0	0	370	370	25890
	Subtotal (A) CS		27005		3000	0	5455	8455	3000	315	8445	11760	0	0	6260	6260	0	0	530	530	27005
STATE SECTOR																					
TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED. (APTRANSCO)																					
1	Rachaganeri	400/220	630	Dec-19											630	630					630
2	Augmentation works at Jammalamadugu	400/220	315	Dec-19											315	315					315
3	Augmentation works at Hindupur	400/220	315	Dec-19											315	315					315
4	Augmentation works at Kalpaka -4th 500 MVA	400/220	500	Mar-20															500	500	500
5	Augmentation works at Manubolu(Nellore)-	400/220	500	Mar-20															500	500	500
6	Mylavaram	400/220	945	Mar-20															945	945	945
7	Betamcherla(GEC-I)	220/132/33	320	Jun-19			320	320													320
8	Naidupeta	220/132/33	200	Jun-19			200	200													200
9	Pydibhimavaram	220/132	300	Aug-19						300		300									300
10	Pampanur Tanda(GEC-I)	220/132	320	Dec-19											320	320					320
	Total		4345		0	0	520	520	0	300	0	300	0	0	1580	1580	0	0	1945	1945	4345
BIHAR STATE POWER TRANSMISSION COMPANY LIMITED (BSPTCL)																					
1	Mokama S/s	220/132	420	Oct-19										420		420					420
2	Dumraon (GIS) s/s	220/132	480	Mar-20															480	480	480
	Total		900		0	0	0	0	0	0	0	0	420	0	0	420	0	0	480	480	900
CHHATTISGARH STATE POWER TRANSMISSION CO. LTD. (CSPTCL)																					
1	Kurud.(Dhantari) S/s	400/220	630	Sep-19							630	630									630
2	Dherdehi (Bilaspur) s/s	220/132	320	Jun-19			320	320													320
3	Jaedalnur	220/132	160	Jun-19			160	160													160
4	Narayanpur s/s	220/132	160	Jun-19			160	160													160
	Total		1270		0	0	640	640	0	0	630	630	0	0	0	0	0	0	0	0	1270
DELHI TRANSCO LIMITED (DTL)																					
1	Budela	220/66	320	Mar-20															320	320	320
2	Chandrawal GIS (Tamarpur)	220/66	300	Mar-20															300	300	300
3	Gopalpur (GIS)	220/66	320	Mar-20															320	320	320
4	Geeta Colony (Addl.)	220/33	100	Mar-20															100	100	100
5	Patparganj (Addl.)	220/33	100	Jun-19			100	100													100
6	Sanjay Gandhi Transport Nagar (SGTN) GIS	220/66	320	Dec-19											320	320					320
7	Punjabi Bagh Gis	220/33	300	Mar-20															300	300	300
	Total		1760		0	0	100	100	0	0	0	0	0	0	320	320	0	0	1340	1340	1760
GUJARAT ENERGY TRANSMISSION CORP. LIMITED (GETCO)																					

1	400 kV Vav	400/220	1000	Dec-19									1000	1000					1000		
2	400 kV Vav	220/66	160	Mar-20													160	160	160		
3	400 kV Bhachunda	400/220	1000	Mar-20												1000	1000	1000			
4	220 kV Kalawad	220/66	320	Dec-19									320	320				320			
5	220 kV Wankaner	220/132	300	Jul-19				300			300							300			
6	220 kV Wankaner	220/66	320	Jul-19				320			320							320			
	Total		3100		0	0	0	0	620	0	0	620	0	0	1320	1320	0	0	1160	1160	3100
HARYANA VIDYUT PRASARAN NIGAM LIMITED (HVPNL)																					
1	GIS Sector -46 Faridabad S/s	220/132	320	Apr-19	320				320												320
2	Sectro - 77 GIS Gurgaon S/s	220/132	200	May-19				200													200
	Total		520		320	0	0	0	520	0	0	0	0	0	0	0	0	0	0	0	520
HIMACHAL PRADESH POWER TRANSMISSION CORP. LTD. (HPPTCL)																					
1	Pragati Nagar (Gumma) S/S	400/220	315	Jun-19					315	315											315
2	Wanstoo (GIS) S/S	400/220	630	Jun-19					630	630											630
	Total		945		0	0	945	945	0	0	0	0	0	0	0	0	0	0	0	0	945
J&K POWER DEVELOPMENT DEPARTMENT (JKPDD)																					
1	Alusteng S/S	220/132	320	Jun-19					320	320											320
	Total		320		0	0	320	320	0	0	0	0	0	0	0	0	0	0	0	0	320
JHARKHAND URJA SANCHARAN NIGAM LIMITED (JUSNL)																					
1	Giridih GSS	220/132/33	400	Mar-20															400	400	400
2	Ratu (Burm) GSS	220/132/33	400	Mar-20															400	400	400
3	Govindpur GSS (PGCIL)	220/132/33	400	Mar-20															400	400	400
4	Jainamore GSS	220/132/33	400	Mar-20															400	400	400
5	Godda GSS	220/132/33	400	Mar-20															400	400	400
6	Jasidih GSS	220/132/33	400	Mar-20															400	400	400
7	Garhwa GSS	220/132	400	Mar-20															400	400	400
8	Lohardaga GSS (PGCIL)	220/132	300	Mar-20															300	300	300
9	Latehar GSS (PGCIL)	400/220/132	930	Mar-20															930	930	930
10	Patratu GSS (PGCIL)	400/220	630	Mar-20															630	630	630
	Total		4660		0	0	0	0	0	0	0	0	0	0	0	0	0	0	4660	4660	4660
KERALA STATE ELECTRICITY BOARD (KSEB)																					
1	Kunnamangalam	220/110	200	Sep-19							200	200									200
2	Chithirapuram	220/66	126	Dec-19									126	126							126
3	Kaloor	220/110	320	Jan-20													320				320
4	Chalakudy	220/110	200	Oct-19							200			200							200
	Total		846		0	0	0	0	0	0	200	0	200	0	126	200	320	0	0	320	846
KARNATAKA POWER TRANSMISSION CORP. LIMITED (KPTCL)																					
1	Devanhalli Hardware Park	400/220	1000	Sep-19							1000	1000									1000
2	Mylasandra (Near Electronic city)	400/220	1500	Sep-19							1500	1500									1500
3	T.Gollahalli (Thimmasandra)	220/66	200	Dec-19									200	200							200
4	Brindavan alloys	220/66	300	Jun-19				300	300												300
5	Kudligi(Badeladaku)	220/66	200	Aug-19						200		200									200
	Total		3200		0	0	300	300	0	200	2500	2700	0	0	200	200	0	0	0	0	3200
M.P. POWER TRANSMISSION CORPORATION LIMITED (MPPTCL)																					
1	400kV Substation Badnawar 2x315MVA	400/220	630	Jun-19				630	630												630
2	400kV Substation Kirnapur 2X100 MVA	400/132/33	200	Sep-19							200	200									200
3	400/220 KV New Sub-station at Mandsaur(Sitamau)	400/220	630	Mar-20															630	630	630
4	400/220 KV Sub-station at Sagar (Upgradation)	400/220	630	Jun-19				630	630												630
5	400KV New Sub-station at Ujjain	400/220	630	Mar-20															630	630	630
6	Chapda 220kv (Upgradation)	220/132/33	160	Dec-19									160	160							160
7	Depalpur 220kv (Upgradation)	220/132/33	160	Dec-19									160	160							160
8	Gudgaon 220/132kV S/s	220/132/33	160	Sep-19							160	160									160
9	Kanwan 220/132kV S/s	220/132/33	160	Sep-19							160	160									160
10	Ratangarh 220/132kV S/s	220/132/33	320	Dec-19											320	320					320
11	Sailana 220kV/132 S/s	220/132/33	320	Dec-19											320	320					320
12	Sheopur 220/132 Kv S/s	220/132	320	Mar-20															320	320	320
	Total		4320		0	0	1260	1260	0	0	520	520	0	0	960	960	0	0	1580	1580	4320
MAHARASHTRA STATE ELEC. TRANSMISSION COMPANY LTD. (MSETCL)																					
1	Malkapur - ICT s/s	220/132	200	Jun-19				200	200												200
2	New Pardi S/S	220/132	200	Jun-19				200	200												200
3	220/132kV Amrapur (Pathardi)	220/132	200	Oct-19									200			200					200
4	Upgradation of 132kV Palghar S/stn to 220 kV Palghar S/stn	220/132	200	Oct-19									200			200					200
5	220/132/33kV Narangwadi S/S	220/132	250	Nov-19										250		250					250

6	Up-gradation of existing 132 kV Pandharkawda substation to 220 kV level	220/132	200	Jun-19			200	200												200
7	220/132 kV Georai S/S	220/132	200	Oct-19							200			200						200
8	220kV Uppalwadi S/stn	220/33	250	Jun-19			250	250												250
9	220/132/33kV Karanja S/S	220/132	250	Nov-19								250		250						250
10	Up-gradation of existing 132 kV Manmad substation to 220 kV level	220/132	200	Jun-19			200	200												200
	Total		2150		0	0	1050	1050	0	0	0	0	600	500	0	1100	0	0	0	2150
ELECTRICITY DEPARTMENT, GOVT. OF MANIPUR (ED, Manipur)																				
1	Thoubal s/s	400/132	315	May-19			315													
	Total		315		0	315	0	315	0	0	0	0	0	0	0	0	0	0	0	315
ODISHA POWER TRANSMISSION CORPORATION LTD. (OPTCL)																				
1	3rd ICT at Duburi	400/220	315	Mar-20															315	315
2	Kalimela	220/33	40	Feb-20															40	40
3	Kashipur	220/33	20	Dec-19									20	20						20
4	Aska	220/132/33	160	Jul-19				160				160								160
5	Goda	220/132/33	320	Sep-19						320	320									320
6	Jaypatna	220/132/33	160	Jun-19			160	160												160
7	Kesinga	220/132	320	Jun-19			320	320												320
8	Bolangir	220/132/33	160	May-19			160	160												160
9	Joda	220/132/33	160	Apr-19	160		160	160												160
	Total		1655		160	160	480	800	160	0	320	480	0	0	20	20	0	40	315	355
PUNJAB STATE TRANSMISSION CORPORATION LIMITED (PSTCL)																				
1	Muksar (Aug)	400/220	500	May-19			500	500												500
	Total		500		0	500	0	500	0	0	0	0	0	0	0	0	0	0	0	500
POWER TRANSMISSION CORP. OF UTTARAKHAND LTD. (PTCUL)																				
1	220 KV GIS Substation Baram	220/33	50	Aug-19						50	50									50
2	220/33 kV AIS substation at Jaffarpur	220/33	100	Jun-19			100	100												100
	Total		150		0	0	100	100	0	50	0	50	0	0	0	0	0	0	0	150
RAJASTHAN VIDYUT PRASARAN NIGAM LIMITED (RVPNL)																				
1	NPH (Distt. Jodhpur),	220/132	320	Sep-19						320	320									320
2	Chhatargarh (Distt. Bikaner)	220/132	160	Dec-19										160	160					160
3	Aklera (Distt. Jhalawar)	220/132	160	Dec-19										160	160					160
	Total		640		0	0	0	0	0	0	320	320	0	0	320	320	0	0	0	640
TAMILNADU TRANSMISSION CORPORATION LTD. (TANTRANSCL)																				
1	Arivalur	765/400	3000	Mar-20															3000	3000
2	Samayanallur S/S	230/110	200	Mar-20															200	200
3	Thirupathur	230/110	100	Sep-19						100	100									100
4	Sankarapuram	230/110	100	Mar-20															100	100
5	Thiruppur	230/110	200	Sep-19						200	200									200
6	TNEB Head Quarters	230/33	200	Mar-20															200	200
	Total		3800		0	0	0	0	0	0	300	300	0	0	0	0	0	0	3500	3500
TRANSMISSION CORPORATION OF TELANGANA (TSTRANSCL)																				
1	Jansona SS (Warangal District)	400/220	1000	Anr-19	1000			1000												1000
2	Ramadusu SS	400/220	630	May-19		630		630												630
3	Ravadurg GIS Substation	400/220/132	1000	Mar-20															1000	1000
4	B.G.Kottur(V) LI SS (without Pump PTRs)	220/11	180	Feb-20															180	180
5	V.K.Ramavaram LI SS (without Pump PTRs)	220/11	270	Feb-20															270	270
6	Kamalapuram LI SS with 3 x 315MVA Transformers	400/220/11	945	Feb-20															945	945
7	Kothur SS	220/132	320	Jun-19			320	320												320
8	Bowrampet SS	220/132	320	Jun-19			320	320												320
9	Chanachalguda SS	220/33	150	Sep-19						150	150									150
10	Renzal SS (Up gradation of existing 132/33 KV SS)	220/132	200	Jun-19			200	200												200
11	Banswada SS with automation system	220/132	200	Jun-19			200	200												200
12	Indravelly (Uttoor) SS with Automation System.	220/132	200	Sep-19						200	200									200
	Total		5415		1000	630	1040	2670	0	0	350	350	0	0	0	0	0	1395	1000	2395
U.P. POWER TRANSMISSION CORPORATION LTD. (UPPTCL)																				
1	Basti GIS	400/220	1400	Feb-20															1400	1400
2	Amethi S/s	220/132	320	Anr-19	320			320												320
3	Raja ka Talab S/s, Varanasi	220/132	320	May-19		320		320												320
4	Phoolbagh S/s, Kanpur	220/33	120	Jun-19			120	120												120
5	Malwan S/s, Fatehpur	220/132	320	Jan-20															320	320
	Total		2480		320	320	120	760	0	0	0	0	0	0	0	0	0	320	1400	1720
WEST BENGAL STATE ELECTRICITY TRANSMISSION CO. LIMITED (WBSETCL)																				
1	New Town AA-IIC GIS	220/132	320	Dec-19										320	320					320
2	New Town AA-IIC GIS	220/33	200	Dec-19										200	200					200
3	Gazol GIS	220/33	320	Jun-19			320	320												320
4	Rejinagar AIS	220/132	320	Jun-19			320	320												320
	Total		1160		0	0	640	640	0	0	0	0	0	520	520	0	0	0	0	1160

		Subtotal (B) SS	44451		1800	2125	7515	11440	780	550	5140	6470	1220	500	5366	7086	640	2835	15980	19455	44451
PRIVATE SECTOR																					
ESSEL INFRAPROJECTS LTD.																					
1	Warangal (New)	765/400	3000	Dec-19											3000	3000					3000
		Total	3000		0	0	0	0	0	0	0	0	0	0	3000	3000	0	0	0	0	3000
Sterlite Power Transmission Ltd.																					
1	Kadarpur S/s (GPTL)	400/220	1000	Apr-19	1000			1000													1000
2	Sohna Road S/s (GPTL)	400/220	1000	May-19		1000		1000													1000
3	Prithala S/s (GPTL)	400/220	1000	Apr-19	1000			1000													1000
4	Khandwa S/s (KTL)	765/400	3000	Apr-19	3000			3000													3000
5	Surajmani Nagar S/s (NERSS)	400/132	630	Jul-19					630			630									630
6	P.K. Bari S/s (NERSS)	400/132	630	Jul-19					630			630									630
		Total	7260		5000	1000	0	6000	1260	0	0	1260	0	0	0	0	0	0	0	0	7260
		Subtotal (C) PS	10260		5000	1000	0	6000	1260	0	0	1260	0	0	3000	3000	0	0	0	0	10260
GRAND TOTAL (A+B+C)			81716		9800	3125	12970	25895	5040	865	13585	19490	1220	500	14626	16346	640	2835	16510	19985	81716