



ISO: 9001-2008

Monthly Progress report of Inter-Regional/Inter–State Transmission Schemes

(As on 30.09.2017)

Government of India
Ministry Power
Central Electricity Authority
Power System Project Monitoring Division
New Delhi

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MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 30.09.2017

Rs. in Crore

PART - I : पारेषण लाईनस TRANSMISSION LINES

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'17 तक) Cumml Exp. till prev. Year Mar'17(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp.	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		पिछले माह तक upto prev. month (Aug'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरिक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	
1.0	MULTI REGIONAL SYSTEMS (IR Lines*)														
1.1	North East / Northern Western Interconnector - I Project	5103	Feb'09/ Nov'15	13762.8	12371.7	348.43	178.25	12549.95	6562	6308	6071	4498	Dec'17	Dec'17*	* except ATS for Lower Subansri HEP (Gen. Project sch. Uncertain).
1.1.1	Part-A : North East - Northern/ Western Interconnector -I	3697							4668	4668	4668	3697		Oct'15	
1.1.1.1	+/- 800KV HVDC Biswanath Chariyali - Agra Bi-pole line *	3506							4369	4369	4369	3506		Oct'15	Line completed & Commissioned in Oct'15
1.1.1.1.2	400KV Balipara - Biswanath Chariyali line	114							165	165	165	114		Sep'15	Line completed in Sep'15 & commissioned on 01.10.15.
1.1.1.1.3	LILO of Ranganadi - Balipara 400KV D/C line at Biswanath Chariyali (Pooling Point)	52							77	77	77	52		Oct'15	Line commissioned on 30.10.15.
1.1.1.1.4	132KV D/C Biswanath Chariyali - Biswanath Chariyali (AEGCL) line	25							57	57	57	25		Sep'15	Line completed in Sep'15 & commissioned on 01.10.15.
1.1.2	Part-B : Transmission System for immediate evacuation of Power from Kameng HEP	723							985	984	979	702		Dec'17	Kameng HEP, ant. by Dec'17.
1.1.2.1	400KV D/C Kameng - Balipara line	114							150	149	144	93		Dec'17	ATS slowed-down to the extent possible to match Gen.
1.1.2.2	400KV D/C Balipara - Bongaigaon line (Quad)	609							835	835	835	609		Oct'14	Line ready for commissioing in Oct'14 & commissioned on 02.11.14.
1.1.3	Part-C : Transmission System for immediate evacuation of Power from Lower Subhansiri HEP	683							909	656	424	99		*	Generation Project sch. uncertain.
1.1.3.1	400KV D/C Lower Subhansiri - Biswanath Chariyali line -I	335							444	329	228	64		*	Works stand-still on a/c of local disturbance/ agitation against big dams. (Gen. sch. uncertain).
1.1.3.2	400KV D/C Lower Subhansiri - Biswanath Chariyali line -II	348							465	327	196	35		*	Works stand-still on a/c of local disturbance/ agitation against big dams. (Gen. sch. uncertain).
1.2	WR - NR HVDC Interconnector for IPP Projects in Chattisgarh	3135	Mar'12/ Mar'17	9291.03	7078.79	391.23	232.38	7311.17	4250	4250	4250	3135	Jun'17	Sep'17	PROJECT COMPLETED.
	PART-A: WR-NR Interconnector for IPP Projects in Chattisgarh														
1.2.1	+/- 800KV HVDC Bipole between Champa Pooling Station - Kurukshetra line (with provision to upgrade HVDC terminal to 6000MW at later date) *	2574							3477	3477	3477	2574		Mar'17	Line alongwith Pole-I (1500 MW) commissioned in Mar'17 & Pole-II in Sep'17.
	PART-B: Trans. System Strenthening in NR for IPP Proj. in Chittasgarh														

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 30.09.2017

Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन Gol / BoD Appl.	लागत (अनुमोदित) प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च '17 तक) Cumml Exp. till prev. Year Mar'17(Provisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp.	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्ट्रींग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
1.2.2	400KV D/C Kurukshetra - Jalandhar line (Quad) (one ckt vis 400/220KV Nakodar (PSTCL) S/Stn.)	531							728	728	728	531		Dec'15	Line commissioned in Dec'15.
1.2.3	LILO of Abdullapur - Sonapat 400KV D/C at Kurukshetra (Tripal)	30							45	45	45	30		Dec'15	Line commissioned in Dec'15.
1.3	Common System Associated with East Coast Energy Pvt. Ltd and NCC Power Projects Ltd. LTOA Gen. Proj. in Srikakulam area - Part - B	890	Mar'13/ Mar'17	2514.88	1865.05	240.1	94.62	1959.67	1197	1051	995	365	Dec'17	Mar'18	Associated Gen.Project delayed.
1.3.1	765KV D/C Angul - Jharsauguda line	590							790	710	663	196		Mar'18	Severe ROW being faced near Angul end. Huge forest involvement (461.13 Ha.). Stage-I issued in Dec'16. Working permission issued from Apr'17 to Aug'17.
1.3.2	765 KV D/C Jharsuguda - Dharamjaygarh line *	300							407	341	332	169		Mar'18	Huge forest involvement (213 Ha.). Forest clearance (Stg.-I) for chattisgarh portion issued in Jul'17. Permission to work awaited in WR.
1.4	Trans. Syatem Strengthening in WR - NR Tran. Corridor for IPP's in Chhattisgarh	206	Jun'14	5151.37	1139.4	991	334.62	1474.02	265	265	265	195	Mar'18	Jun'18*	* Bipole-II completion ant. by Jun'18.
1.4.1	400KV D/C Kurukshetra - Jind line (Q)	206							265	265	265	195		Oct'17	
1.5	Inter-Regional System Strengthening Scheme in WR and NR (Part-B)	1586	Dec'14	6517.36	2779.4	939.5	612.51	3391.91	2162	2138	2090	1318	Apr'18	Apr'18	
1.5.1	765KV D/C Jabalpur Pooling Stn. - Orai line *	721							969	969	969	721		Mar'18	Testing under progress. Commissioning matching with sub station.
1.5.2	765KV D/C Orai - Aligarh line	664							906	899	870	455		Apr'18	Effort being made to complete earlier in FY 2017-18. Severe ROW problem near urban area.
1.5.3	400KV D/C Orai - Orai line (Q)	84							115	115	115	69		Mar'18	Completion matching with Sub stations.
1.5.4	LILo of one ckt of Satna-Gwalior 765KV 2x S/C line at Orai *	73							104	104	104	73		Mar'18	Testing under progress. Commissioning matching with S/stn.
1.5.5	LILo of Agra - Meerut 765KV S/C at Aligarh	22							34	24	17			Apr'18	Effort being made to complete earlier. 01 loc. under ROW.
1.5.6	LILo of Kanpur - Jhatikara 765KV S/C at Aligarh	22							34	27	15			Apr'18	Effort being made to complete earlier. ROW clearance to be expedited at 02 locs..
1.6	Wardha - Hyderabad 765 KV Links	1072	Jan'15	3662.02	2134.5	232	273.16	2407.66	1465	1465	1465	1072	May'18	Jul'17	PROJECT COMPLETED.
1.6.1	765KV D/C Wardha - Nizamabad line *	577							786	786	786	577		Mar'17	Line commissioned in Mar'17.

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						अनुमनित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
1.6.2	765KV D/C Nizamabad - Hyderabad line	486							664	664	664	486		Jul'17	Line commissioned in Jul'17.
1.6.3	400KV D/C Nizamabad - Dichpali line	9							15	15	15	9		Mar'17	Line commissioned in Mar'17.
1.7	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - A	276	Apr'15/ Mar'17	1479.3	525.1	362	181.17	706.27	403	396	394	191	Mar'18	Mar'18	
1.7.1	400KV D/C Ajmer (New) - Ajmer (RVPN) line (Q)	131							200	193	191	103		Dec'17	04 locs. under severe ROW problem. Matter already taken up with State admn.
1.7.2	400KV D/C Chittorgarh (new) - Chittorgarh (RVPN) line (Q)	97							136	136	136	87		Dec'17	
1.7.3	400KV D/C Tirunelveli PS-Tuticorin PS line-1 (Q)	24							33	33	33	1		Mar'18	Work has been slowed-down to match with Gen. (ant. by Mar'18).
1.7.4	400KV D/C Tirunelveli PS-Tuticorin PS line-2 (Q)	24							34	34	34			Mar'18	Work has been slowed-down to match with Gen. (ant. by Mar'18).
1.8	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - B	1069	Apr'15	3705.61	1564.4	925	513.01	2077.41	1477	1442	1287	536	Apr'18	Jul'18	Generation Project delayed (ant. by Jul'18).
1.8.1	765KV D/C Banaskanta - Chittorgarh line *	604							841	807	658	110		Jul'18	Forest clearance also awaited. Gen. proj. delayed (ant. by Jul'18). Works slowed down to the extent possible to match Generation.
1.8.2	765KV D/C Chittorgarh - Ajmer line	422							577	577	577	412		Mar'18	Efforts are being made to complete match with readiness of Ajmer-Ajmer & C'garh-C'garh lines ant. by Dec'17.
1.8.3	400KV D/C Banaskanta - Sankhari line	43							59	58	52	14		Jul'18	Gen. proj. delayed (ant. by Jul'18). Works slowed down to the extent possible to match Generation.
1.9	Transmission System Strengthening in Indian System for Transfer of Power from Mangdechhu Hydroelectric Proj. in BHUTAN.	314	Mar'16	808.63	95.3	234	100.23	195.53	448	219	100		Jan'18	Mar'19	
1.9.1	400KV D/C Jagmeling - Alipurduar line (Q) (India Side) *	314							448	219	100			Mar'19	Line passing through Tiger reserve area. Wildlife clearance proposal submitted. Clearance awaited. Critical. Alternate arrangements being made for evacuation (through contingency matching with Generation.)

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Rs. in Crore

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1.10	HVDC Bipole link between Western Region (Raigarh, Chattisgarh) and southern Region (Pugalur, TM) - North Trichur (Kerala) - Scheme-I : Raigerh-Pugalur 6000 MW HVDC System	3676	May'16	14733.37	499.3	2600	169.66	668.96	4595	182	2		Nov'19	Nov'19	Efforts being made to complete one Pole by Mar'19.
1.10.1	+/- 800KV Raigarh (HVDC Stn.) - Pugalur (HVDC Stn.) HVDC Bipole link *	3676							4595	182	2			Nov'19	All tower Packages awarded. Work under progress. Huge forest involvement in WR portion.
1.11	Green Energy Corridore ISTS - Part -D	1266	May'16	3519.59	229.8	1100	139.93	369.73	734	1009	328		May'19	May'19	
1.11.1	765KV D/C Ajmer (new) - Bikaner line	526							734	521	150			May'19	
1.11.2	765KV D/C Bikaner - Moga (PG) line	722							1016	486	178			May'19	
1.11.3	LILO of 01 ckt of 400KV Bhadla (RVPN) - Bikaner (RVPN) D/C line at Bikaner (NEW)	18							25	2				May'19	
2.0	<u>NORTHERN REGION</u>														
2.1	Northern Regional System Strengthening Scheme - XVI	288	July'10/ May'15/ Mar'17	757.94	614.92	15.83	27.81	642.73	419	419	419	288	Jun'17	Jul'17	PROJECT COMPLETED.
2.1.1	LILO of both ckt of Kishenpur - Wagoora 400KV D/C line at Wanpoh	9							20	20	20	9		Sep'13	Line commissioned in Sep'13
2.1.2	400KV D/C Kishenpur - New Wanpoh line.	279							399	399	399	279		Jul'17	Line commissioned in Jul'17.
2.2	Northern Regional System Strengthening Scheme - XXIV	294	Nov'11/ Mar'17	882.13	702.52	26.26	16.90	719.42	587	585	580	267	Jun'17	Dec'17	
2.2.1	400KV D/C Dehradun-Abdullapur line (Q)	179							247	247	243	158		Dec'17	01 loc. in Saharanpur under severe ROW. Delay in tree cutting by forest deptt. in Uttarakhand affecting stringing.
2.2.2	400KV D/C Dulhasti - Kishenpur line (Q) Single ckt strung.	115							340	338	337	109		Dec'17	Severe ROW problem in Doda Distt. Work in progress with the help of Police Protection.
2.3	Strengthening Scheme in Northern Region	34	Oct'12	100.55	90.63	3.13	1.84	92.47	65	65	65	34	Oct'14	Sep'17	PROJECT COMPLETED.
2.3.1	LILO of 220KV D/C Jullandhur-Hamirpur line at Hamirpur (PG)	34							65	65	65	34		Feb'15	Loop out charged in Dec.'13. Loop in charged in Feb'15 (19 Ckm)
2.4	Transmission System Associated with RAPP 7 & 8 - Part-A.	90	Mar'13	100.4	72.7	20.1	2.39	75.09	133	133	133	90	Mar'15	Jul'17	PROJECT COMPLETED.
2.4.1	400KV D/C RAPP - Kota line	90							133	133	133	90		Jul'17	Line ready for commisioning in Jul'17.
2.5	Northern Region System Strengthening Scheme -XXX	634	Feb'14/ Mar'17	539.82	377.2	29	8.99	386.19	1088	965	928	542	Feb'18	Feb'18	

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						अनुमनित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्ट्रींग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
2.5.1	400KV S/C Singrauli - Allahabad line (section of Singrauli-Allahabad line (50 Km) to be strung on existing 400KV D/C tower from Singrauli end)	153							436	313	276	61		Feb'18	ROW at Singrauli end. Also work affected due to poor performance by executing agency.
2.5.2	400KV D/C Allahabad - Kanpur line	481							652	652	652	481		Sep'17	Line commissioned in Sep'17.
2.6	Northern Region System Strengthening Scheme -XXXII	532	Feb'14/ Mar'17	969.97	629	84.5	87.39	716.39	746	746	746	532	Feb'18	Oct'17	Sub station extn. ant. by Oct'17.
2.6.1	400KV D/C Panchkula - Patiala line (10 Km Multi-ckt towers in forest area near Panchkula)	131							183	183	183	131		Apr'16	Line commissioned in Apr'16.
2.6.2	400KV D/C Lucknow - Kanpur line	323							449	449	449	323		May'17	Line commissioned in May'17.
2.6.3	LILO of 400KV D/C Dadri - Malerkotla line at Kaithal	50							74	74	74	50		Mar'17	Line commissioned in Mar'17.
2.6.4	LILO of 01 ckt of 400KV D/C RAPP - Kankroli line at Chittorgarh (RRVPNL). (15Km Multi-ckt & 3 Km D/C)	28							40	40	40	28		Oct'16	Line commissioned in Oct'16.
2.7	Transmission System associated with Tehri Pump Storage Plant (PSP)	15	Jan'15	871.62	112.1	300	29.64	141.74	46	32	28	5	Oct'17	Jun'18	Gen. Project delayed (now ant. by Sep'19).
2.7.1	400KV S/C Tehri Gen. - Tehri Pooling Station (Q)	13							38	32	28	5		Jun'18	Work slowed-down to the extent possible to match generation..
2.7.2	Charging of Tehri Pooling - Meerut765KV line	2							8	6				Jun'18	Work slowed-down to the extent possible to match generation..
2.8	Transmission System associated with Kishanganga HEP	313	Jan'15/ Mar'17	340.88	122.3	56.5	37.76	160.06	402	257	213	24	Mar'18	Mar'18	Kishanganga HEP now ant. by Jan'18.
2.8.1	220KV D/C Kishanganga - Amargarh line	85							150	125	116	12	Jul'17	Jan'18	Work affected due to disturbance in Kashmir since Jul'16 & slow process to resolve compensation issue. State/MoP help required. Line being made to matching with Gen. (ant. by Jan'18). Critical
2.8.2	220KV D/C Kishanganga - Wagoora line	228							252	132	97	12	Mar'18	Mar'18	Work affected due to disturbance in Kashmir since Jul'16 & slow process to resolve compensation issue. State/MoP help required. Critical
2.9	Northern Region System Strengthening Scheme -XXXIV	171	Mar'15	148.76	82.3	26.25	16.25	98.55	283	272	259	149	Jul'17	Nov'17	
2.9.1	LILO of Agra - Bharatpur 220KV S/C line at Agra (PG)	109							184	173	160	87		Nov'17	Work under progress. Severe ROW problem in 6 Kms area near Agra end. State admn. help required.
2.9.2	LILO of Gladni - Hiranagar 220KV S/C line at Samba (PG)	28							50	50	50	28		Jun'16	Line commissioned in Jun'16.

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Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन Gol / BoD Appl.	लागत (अनुमोदित) / प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च '17 तक) Cumml Exp. till prev. Year Mar'17 (Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp.	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमानित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
2.9.3	LILo of 01 ckt of Parbati PS - Amritsar 400KV D/C line at Jalandhar (PG)	34							49	49	49	34		Feb'17	Line commissioned in Feb'17.
2.10	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-A)	133	Mar'15/ Mar'17	1394.52	1.9	615	17.30	19.2	113				Jun'19	Jun'19	
2.10.1	LILo of both ckt of Bawana - Mandola 400KV D/C line at Rajghat (Multi Ckt tower with twin/HTLS Cond.)	116							87					Jun'19	Award placed. Engg. in progress. Commissioning matching with S/stn. (S/S land hand-over in Dec'16).
2.10.2	LILo of one ckt of Bamnauli - Jattikalan 400KV D/C line at Dwarka-I (with twin/HTLS Cond.)	17							26					Sep'18	Award placed. Engg. in progress. Commissioning matching with S/stn. (S/stn. land handed-over in Aug'16).
2.11	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-B1)	108	May'15	780.33	8.2	374	23.79	31.99	112				Oct'18	Oct'18	Compln. Sch - 26 month from date of land acq. (land acquired in Aug'16).
2.11.1	LILo of both ckt of Bamnauli - Samaypur 400KV D/C line at Tughlakabad (with twin HTLS Cond.)	108							112					Oct'18	Award placed. Engg. in progress. Commissioning matching with S/stn. S/stn land acquired in Aug'16. Major portion in forest. Clearance required to start of work.
2.12	Transmission System Associated with RAPP 7 & 8 - Part - B.	360	Jul'15	307.18	111.1	129	42.52	153.62	496	479	448	29	Nov'17	Jun'18	Gen. project delayed (now ant. by Jun'19).
2.12.1	400KV D/C Kota - Jaipur (South) line (part of RAPP-Jaipur (S) 400KV D/C line with one ckt LILo at Kota).	360							496	479	448	29		Jun'18	Forest clearance awaited. Work slowed down to extent possible to match Generation.
2.13	Transmission System for Solar Power Park at Bhadla, Rajasthan.	402	Jul'16	1429.38	66	380	36.89	102.89	566	137	13		Jan'19	Jan'19	Work being expected to match Gen. project (ant. by Aug'18)
2.13.1	765KV D/C Bhadla - Bikaner line	350							484	106	2			Jan'19	
2.13.2	400KV D/C Bhadla (PG) - Bhadla (RVPN) line	52							82	31	11			Jan'19	
2.14	Northern Region System Strengthening Scheme - XXXV	130	Aug'16	123.91	0.1	40	2.44	2.54	183	78	20		Aug'18	Aug'18	
2.14.1	400KV D/C Mohindergarh - Bhiwani line	130							183	78	20			Aug'18	
2.15	Establishment of 220/22KV GIS at UT Chandigarh along with 220KV D/C line from Chandigarh GIS to 400/220KV Panchkula (PG) Sub station.	52	Feb'17	322.3	0.2	10	14.85	15.05	60	9			Feb'19	Feb'19	
2.15.1	220KV D/C UT Chandigarh S/S - Panchkula (PG) S/S line (incl. 10 Kms underground cable).	52							60	9				Feb'19	Work under progress.
2.16	System Strengthening Scheme in Northern Region - XXXVII	78	Mar'17	379.95	19.6	10	0.07	19.67	102				Dec'19	Dec'19	

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						अनुमानित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
2.16.1	LILO of both ckt of 400KV Dhauliganga - Bareilly (PG) line at Jauljivi	7							15					Dec'19	Award placed in Mar'17. Engg. in progress.
2.16.2	Diversion of Dhauliganga-Bareilly 400KV D/C line (operated at 220KV) at Bareilly end from Bareilly (UP) to Bareilly (PG) line	17							22					Dec'19	Award placed in Mar'17. Engg. in progress.
2.16.3	Disconnection of 220KV LILO arrangement of Dhauliganga - Bareilly at Pithoragarh and connecting it to Jauljive S/Stn. at 220KV level	54							65					Dec'19	Award placed in Mar'17. Engg. in progress.
3.0 WESTERN REGION															
3.1	Western Region Strengthening Scheme - V	306	Dec'07/ Nov'12/ Jan'16/ Mar'17	738.48	640.99	0.12	6.50	647.49	369	360	346	256	Dec'17	Mar'18	
3.1.1	400KV Vapi (PG) - Kala - Kudus D/C line* (Multi-ckt locs. 109 nos. have been included in Navsari-Boisar line)	234							241	232	218	184		Dec'17	*Due to severe ROW issues at Navi-Mumbai end, Line was decided to be terminated at Kudus S/Stn. of MSETCL. Forest clearance (Stage-I) received in Aug'15. Permission to work obtained in Dec'15. Contingency arrangement to connect Vapi-Navi Mumbai with Navsari-Boisar line by passing ROW area, to from Vapi - Navsari line (24 Ckm) commissioned in Mar'13. 400KV D/C Vapi-Kala portion commissioned in Mar'14 (61 Ckm). Balance ant. to be completed by Dec'17. However Kudus s/stn. being implemented by MSETCL. Critical
3.1.2	220KV Vapi - Khadoli (UT of DNH) D/C line	56							103	103	103	56		Sep'10	Line commissioned in Sep'10.
3.1.3	LILO of Lonikhand (MSEB) - Kalwa (MSEB) 400KV S/C line at Navi Mumbai.	16							25	25	25	16		Mar'18	Balance portion (02 Kms) of line being executed using under ground cable. Work affected due to water logging. Severe ROW problem being encountered at Navi Mumbai end, miscreants have burant and damaged part of laid cable. Matter critical. Commissioning linked to availability of State down stream system at Navi Mumbai . Critical.

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3.2	Transmission System Associated with Mundra Ultra Mega Power Proj.	3643	Oct'08/ Mar'16/M ar'17	5071.94	4453.08	6.32	22.08	4475.16	4927	4925	4889	3464	Feb'18	Feb'18	
3.2.1	Part-A - Tr. System of Mundra (UMPP)														
3.2.1.1	400KV D/C Mundra - Limbdi line (Triple snowbird)	628							863	863	863	628		Feb'12	Line commissioned in Feb'12.
3.2.1.2	400KV D/C Mundra - Bachchau line (Triple snowbird)	198							285	285	285	198		Sep'11	Line commissioned in Sep'11.
3.2.1.3	400KV D/C Bachchau - Ranchodpura line (Triple snowbird)	566							755	755	755	566		Sep'11	Line commissioned in Sep'11.
3.2.1.4	400KV D/C Mundra - Jetpur line (Triple snowbird)	672							918	918	918	672		Dec'12	Part of line (314 Ckm) commissioned in Aug'12 & balance (358 Ckm) commissioned in Dec'12.
3.2.2	Part-B - Regional System Strengthening in WR for Mundra (UMPP)														
3.2.2.1	400KV D/C Gandhar - Navsari line	204							288	288	288	204		July'12	Line commissioned in July'12.
3.2.2.2	400KV D/C Navsari - Boisar line (Multi-ckt locs. 109 nos. with Vapi-Kudus line & 100 nos. with A'bad-Boisar line have been included in 400KV D/C Navsari-Boisar line).	373							567	567	567	373		Dec'16	Contingency arrangement to connect Navsari-Boisar with Vapi-Navi Mumbai line by by-passing forest area, to form Vapi - Navsari line (212 Ckm, up to common point) commissioned in Mar'13. Balance portion (161 Ckm) commissioned in Dec'16.
3.2.2.3	400KV D/C Wardha - Aurangabad line (up-gradation 1200KV S/C)	700							961	959	923	521		Feb'18	Contract terminated 01 out of 02 packages due to unsatisfactory performance and fresh tender taken up. The package subsequently bifurcated into two part. Ist part awarded in Dec'14 and second part in Feb'15. The remaning 01 pkg. also terminated in Aug'15 due to poor performance. However contract was revived in Feb'16. Severe ROW being encountered.
3.2.2.4	400KV D/C Aurangabad (PG) - Aurangabad (MSETCL) line (Q) (59Km) and Shifting of 400KV Ankola - Aurangabad (MSETCL) to Aurangabad (PG) (Twin) line (51Km)	220							145	145	145	220		Apr'14	Ankola-Aurangabad line (PG) twin commissioned in Jan'14 (102 Ckm) Aurangabad-Aurangabad (Q) portion commissioned in Apr'14.
3.2.2.5	LIFO of both Ckt of Kawas - Navsari 200KV D/C at Navsari	82							145	145	145	82		July'12	Line commissioned in July'12.

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3.3	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhattisgarh - part-D	1380	Nov'11 / Mar'16/ Mar'17	2619.56	2560.13	3.21	22.56	2582.69	1788	1788	1788	1380	Sep'17	Oct'17	
3.3.1	765KV D/C Wardha - Aurangabad line	690							928	928	928	690		July'14	Line commissioned in Jul'14
3.3.2	400KV D/C Aurangabad - Boisar line (Q) (Multi-ckt locs. 100 nos. have been included in Navsari-Boisar line).	690							860	860	860	690		Oct'17	Testing under progress.
3.4	System Strengthening in North/West part of WR for IPP Proj. in Chhattisgarh. Part - E	626	Dec'11/ Mar'15/ Mar'17	2228.71	1878.93	14.5	83.88	1962.81	856	855	853	599	Dec'17	Dec'17	
3.4.1	765KV D/C Aurangabad (PG) - Padghe (PG) line	570							773	772	770	543		Dec'17	Commissioning matching with down stream Kudus (MSETCL) S/S. MSETCL S/S critical. Progress affected due to heavy rains.
3.4.2	400KV D/C Padghe (PG) - Padghe (Kudus) line (Q)	32							46	46	46	32		Dec'17	Line completed in Feb'17. Commissioning matching with A'bad-Padghe line & readiness of Kudus S/S of MSETCL.
3.4.3	400KV D/C Vadodra - Asoj line (Quad)	24							37	37	37	24		Mar'14	Line commissioned in Mar'14 (through contingency arrangement by passing Vadodara S/s.) & Regular operation done with Vadodra GIS on 31.05.15.
3.5	Transmission System Associated with Mauda Stage-II (2x660MW) Gen. Proj.	1075	Sep'13/ Mar'17	1656.15	1281.3	2.5	56.87	1338.17	1465	1465	1465	1075	May'17	Jul'17	PROJECT COMPLETED.
3.5.1	400KV D/C Mauda-II - Betul line (Q)	393							551	551	551	393		Jul'17	Line commissioned in Jul'17.
3.5.1	400KV D/C Betul - Khandwa line (Q)	338							435	435	435	338		Jul'17	Line commissioned in Jul'17.
3.5.1	400KV D/C Khandwa - Indore line	344							479	479	479	344		Dec'16	Line commissioned in Dec'16.
3.6	Transmission System Associated with KAKRAPAR APP - 3&4	311	Feb'14 / Mar'17	378.71	257.9	0.4	20.55	278.45	435	435	435	311	Apr'17	Apr'17	PROJECT COMPLETED.
3.6.1	400KV D/C Kakrapar APP - Navsari line	77							109	109	109	77		Apr'17	As contingency arrangement 01 ckt of Kakrapar-Navsari & Kakrapar-Vapi joined at Kakrapar S/Y and commissioned in May'17 & IIInd ckt in Jun'17.

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3.8.2	400KV D/C Kakrapar APP - Vapi line	234							326	326	326	234		Apr'17	As contingency arrangement 01 ckt of Kakrapar-Navsari & Kakrapar-Vapi joined at Kakrapar S/Y and commisisoned in May'17 & IInd ckt in Jun'17.
3.7	<i>Transmission System Associated with LARA STPS - I Gen. Proj. NTPC</i>	260	Jun'14	400.47	260.1	18.48	24.67	284.77	356	356	356	260	Apr'17	Jun'17	PROJECT COMPLETED.
3.7.1	400KV D/C Lara STPS - Raigarh (Kotra) line	36							50	50	50	36		Apr'16	Line commissioned in Apr.'16.
3.7.2	400KV D/C Lara STPS - Champa PS line (Q)	224							306	306	306	224		Jun'17	Line commissioned in Jun'17.
3.8	<i>Transmission System Associated for Solapur STPP (2x660MW) -Part-A</i>	25	Mar'15	50.52	28.5	12	3.55	32.05	40	40	40	19	Mar'17	Sep'17	PROJECT COMPLETED.
3.8.1	400KV D/C Solapur STPP - Solapur line -II (Q)	25							40	40	40	25		Sep'17	Line commissioned in Sep'17.
3.9	<i>GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - C</i>	583	Jul'15	2247.37	263.2	550	356.40	619.6	760	469	251		Jul'18	Jul'18	
3.9.1	765KV D/C Bhuj Pool - Banaskanta line	583							760	469	251			Jul'18	
4.10	<i>Transmission System for Ultra mega Solar Park in Rewa District, Madhya Pradesh .</i>	116	Jan'16/ Mar'17	305.04	84.8	0.2	71.58	156.38	169	163	161	103	Oct'17	Nov'17	
4.10.1	LILO of 400KV D/C Vindhychal - Jabalpur line (Q) (IInd Ckt.) at Rewa Pooling Stration .	116							169	163	161	103		Nov'17	Completion matching with Gen. project (ant. by Nov'17).
4.11	<i>Transmission System Strengthening associated with Mundra UMPP (Part-A)</i>	45	Jan'16	244.19	71.9	50	36.95	108.85	72	72	70	40	Jul'18	Nov'17	
4.11.1	LILO of 400KV D/C both ckt of Mundra UMPP-Limbdi (Triple) at Bachau.	45							72	72	70	40		Nov'17	Severe ROW problem. Efforts being made to complete earlier.
4.12	<i>Transmission System Strengthening associated with Mundra UMPP (Part-B)</i>	190	Jul'16	300.94	7.4	85	14.71	22.11	257	77	41		Dec'18	Dec'18	
4.12.1	400KV D/C Mundra UMPP - Bhuj Pool line (Triple Snowbird)	190							257	77	41			Dec'18	Severe ROW problem.
4.13	<i>Transmission System for Ultra Mega Solar Power Park at Banaskantha (Radhanesda) Gujarat.</i>	118	May'17	175.64		20	4.99	4.99	112				Sep'18	Sep'18	
4.13.1	400KV D/C Banaskantha PS - Banaskantha (PG) line	118							112					Sep'18	Award placed in May'17. Engg. & survey under progress.
4.0	<u>SOUTHERN REGION</u>														
4.1	Kundankulam - APP Trans. System (Balance lines)	296	May'05/ Jan'16/ Mar'17	2187.32	1939.45	30	16.16	1955.61	438	216	136	30	Sep'18	Sep'18	

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4.1.1	Edamon (KSEB) - Muvattupuzha (PG) D/C (Quad) line	296							438	216	136	30		Sep'18	Severe ROW problem (long pending). Problem being addressed progressively as per latest Revised G.O. of 30.07.15 (compensation to be done on land value, to be finalised by concerned DC with the support of State Govt.). Works under progress. Police protection support is required for stringing.
4.1.2	Kundankulam (NPC) - Tirunelveli(PG) D/C (Quad) line -I	144													Line commissioned in Apr'09.
4.1.3	Kundankulam (NPC) - Tirunelveli (PG) D/C (Quad) line -II	160													Line commissioned in Apr'09.
4.1.4	Tirunelveli (PG) - Udumalpet (PG) D/C line	524													Line commissioned in Nov'09.
4.1.5	Tirunelveli (PG) - Edamon (KSEB) Multi -Ckt line	322													Line commissioned in Jul'10.
4.1.6	Muvattupuzha (PG) - North Trichur (PG) D/C (Quad) line	180													Commissioned in Nov'11.
4.1.7	LILO of both ckt of Maduri (PG) - Trivendrum (PG) D/C line at Tirunelveli	212													Commissioned in Apr'08.
4.2	System Strengthening - XII of SR	20	Feb'10	232.34	237.39	0.2	1.22	238.61	25	25	25	10	Jun'12	Dec'17	* Critical due to continuing ROW problem.
4.2.1	LILo of Neelamangla - Hodyy 400KV S/C line at Yehlanka	20							25	25	25	10		Dec'17	During the meeting with DC on 08,09,16. Raitha Sangha Requested to discuss high compensation issue with energy minister. After support from State Govt., compensation survey by Revenue deptt. is in progress. DC order issued. Work yet to be resumed.
4.3	Common System Associated with Costal Energen Private Ltd and Ind-Barath Power Ltd. (LTOA) Gen. Proj. in Tuticorin area Part - B.	1094	Sep'11/ Feb'17	2702.65	2307.46	19.9	19.20	2326.66	1809	1809	1804	1035	Jun'17	Dec'17	
4.3.1	765KV D/C Tuticorin Pooling Station - Salem Pooling Station line (initially charged at 400KV)	731							1000	1000	1000	731		Nov'16	Line commissioned in Nov'16.
4.3.2	400KV D/C Salem Pooling Station - Salem line (Quad)	120							165	165	165	120		Oct'16	Line commissioned in Oct'16.
4.3.3	765KV S/C Salem Pooling Station - Madhugiri Pooling Station line (initially charged at 400KV)	243							644	644	639	184		Dec'17	Severe ROW in Karnataka. Obstruction are being removed progressively with the help of Police protection.

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Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन Gol / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च '17 तक) Cumml Exp. till prev. Year Mar'17(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp.	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्ट्रींग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
4.4	System Strengthening - XIII of SR Grid	550	Oct'11/ Nov'15/ Mar'17	639.46	481.42	8.3	4.00	485.42	750	703	673	418	Mar'18	Jun'18	
4.4.1	400KV D/C Gooty - Madhugiri line	418							572	572	572	418		Nov'15	Line commissioned in Nov'15.
4.4.2	400KV D/C Madhugiri - Yelhanka line (QUAD)	132							178	131	101			Jun'18	Severe ROW in Karnataka. Re-NIT done & Award for balance work under progress.
4.5	System Strengthening in SR - XIV	244	Dec'11/ Feb'15/ Mar'17	346.79	352.47	10.31	4.70	357.17	335	325	286	171	Dec'17	Dec'17	Critical due to continuing ROW problem.
4.5.1	400KV D/C Dharmapuri (Salem New) - Somanahalli line	244							335	325	286	171		Dec'17	Severe ROW problem faced in Karnataka. With the support of State Govt. ROW issues are being resolved.
4.6	Sub station works associated with Hyderabad (Maheshwaram) Pooling Station	7	Mar'15	550.06	355.2	301	106.97	462.17	13	13	13	7	Mar'18	Sep'17	PROJECT COMPLETED.
4.6.1	LILO of Hyderabad - Kurnool 400KV S/C line at Maheshwaram Sub Stration .	7							13	13	13	7		Sep'17	Loop-out (Kurnool-Maheshwaram) portion of LILO line commissioned in Jul'17 & LILO -In in Sep'17.
4.7	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-A (Phase-I)	21	May'15/ Mar'17	312.94	202.4	23.1	23.78	226.18	32	32	32	21	May'17	Jun'17	PROJECT COMPLETED.
4.7.1	LILO of 400KV S/C Kadapa (Cuddapah) - Kolar line at NP Kunta Pooling Stration .	21							32	32	32	21		Apr'16	Line commissioned in Apr'16.
4.8	System Strengthening - XXIV in Southern Region	532	Jan'16	1455.47	216	400	255.19	471.19	751	639	528	179	Jul'18	Jul'18	
4.8.1	LILO of 765KV D/C Kurnool - Thiruvalem line at Cuddapah.	194							268	231	181	62		Jul'18	Work under progress.
4.8.2	400KV D/C Cuddapah - Hindupur line (Q)	338							483	408	347	117		Jul'18	Work under progress.
4.9	Connectivity for Kudankulam 3&4 with Inter- state Transmission system	132	Jan'16	162.11	73.9	40	39.19	113.09	188	188	187	127	May'18	Dec'17	
4.9.1	Extn. of 400KV D/C Kudankulam APP - Tirunelveli line (Q)	132							188	188	187	127		Dec'17	Work under progress. Efforts are being made to complete earlier.
4.10	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-B (Phase-II)	35	Jan'16	99.09	30.4	40	8.04	38.44	55	27	25	16	Jul'18	Jul'18	
4.10.1	LILO-In of 400KV D/C Cuddapah - Hindupur line (Q) (both Ckts) at NP Kunta Sub Stration .	18							27	27	25	16		Oct'17	Commissioning matching with Gen. Proj..

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Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'17 तक) Cumml Exp. till prev. Year Mar'17(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp.	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.	
						अनुमनित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		पिछले माह तक upto prev. month (Aug'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरिक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule		प्रत्या./ वास्त. Ant./ Act.
4.10.2	LILO-Out of 400KV D/C Cuddapah - Hindupur line (Q) (both Ckts) at NP Kunta Sub Stration .	17								28					Jul'18	Award placed in Jan'16. Engg. & survey under progress.
4.11	Removal of Constraints in 400KV Bays Extn. at 400KV Vemagiri S/stn.	117	Jan'16	207.88	28.8	45	49.06	77.86	101	94	85	51	Jul'18	Jul'18		
4.11.1	Both ckts of one LILO D/C portion of Simhadri - Vijayawada 400KV line at Vimagiri-I (AP) shall be LILOed at Vimagiri-II (PG) - (D/C portion (1.8 Km) & Multi Ckt portion (13.2 Km).	61								56	56	54	51		Jul'18	Efforts being made to complete earlier in FY 2017-18.
4.11.2	Both ckts of IInd LILO D/C portion of Simhadri - Vijayawada 400KV line at Vimagiri-I (AP) shall be Looed in at Vimagiri-II (PG). There shall be no loop out. The open section of 400KV D/C line from Vemagiri-I (AP) shall be used for termination of 400KV Kota line.	56								45	38	31			Jul'18	Work under progress. Efforts being made to complete earlier in FY 2017-18
4.12	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka (Ph.-I)	440	Apr'16	810.48	157.5	153.1	136.18	293.68	449	253	229	41	Dec'18	Dec'18		
4.12.1	400KV D/C Tumkur (Pavagada) Pool - Hiriyur line	218								302	253	229	41		Dec'18	Slow progress due to ROW problems.
4.12.2	LILO of 400KV D/C Gooty - Tumkur (Vasantnarsapur) line at Tumkur Pool.	2								4	4	4	2		Oct'17	Line completed. Commissioning matching with readiness of 220KV up-stream system being implemented by developers.
4.12.3	LILO of 400KV D/C Bellary - Tumkur (Vasantnarsapur) line (Q) at Tumkur Pool (on multi ckt tower).	220								143	141	134	100		Dec'17	Completing matching with Generation.
4.13	NLC - Karaikal 230 KV D/C Line	190	Jul'16	102.79	4.8	30	11.41	16.21	316	185	137	6	Nov'17	Jan'18		
4.13.1	NLC - Karaikal 230 KV D/C Line (through LILO of the 230KV Neyveli-Bahour S/C line at Karaikal)	190								316	185	137	6		Jan'18	ROW problem affect in implementation.
4.14	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka - Phase- II (Part.-A)	412	Oct'16	408.46	20.2	60	19.99	40.19	559	160	1		Jan'19	Jan'19		
4.14.1	400KV D/C Hiriyur - Mysore line	412								559	160	1			Jan'19	

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						अनुमानित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरिक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
4.15	HVDC Bipole link between Western Region (Raigarh, Chattisgarh) and southern Region (Pugalur, TM) - North Trichur (Kerala) - Scheme-III : Pugalur - Trichur 2000 MW VSC based HVDC System	366	Feb'17	5070.13		425	211.75	211.75	455				Apr'20	Apr'20	
4.15.1	320KV HVDC Pugalur - North Trichur (Kerala) line	364							455					Apr'20	Award placed in Sep'17.
4.15.2	400KV D/C North Trichur - Cochin line at North Trichur HVDC Station (Q)	2							2					Apr'20	Award placed in Sep'17.
4.16	Transmission System for evacuation of power from Neyveli Lignite Corp. Ltd. TS-1 (Replacement) (NNTPS) in Neyveli, Tamil Nadu.	168	May'17	186.17			6.91	6.91	217	11			Jul'19	Jul'19	
4.16.1	400KV D/C NNTPS Sw. Yd. - Ariyalur (Villupuram) line	156							205	11				Jul'19	
4.16.2	LILO of existing Neyveli TS-II - Pondycherry 400KV S/C at NNTPS Gen. Yd. (2KMS D/C & 2 Kms M/C)	12							12					Jul'19	Award placed in May'17. Engg. & survey under progress.
4.17	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka - Phase- II (Part-B)	333	May'17	445.89		55	0		418				Feb'19	Feb'19	
4.17.1	400KV D/C Tumkur (Pavagada) PS - Devanahally (KPTCL) line - (Q) (139.30 D/C & 13.20 M/c)	333							418					Feb'19	Award placed in Jul'17. Engg. in progress.
4.18	HVDC Bipole link between Western Region (Raigarh, Chattisgarh) and southern Region (Pugalur, TM) - North Trichur (Kerala) - Scheme-II : AC System Strengthening at Pugalur end.	1238	Aug'17	1931.39		200	0		1547				Feb'20	Feb'20	
4.18.1	400KV D/C Pugalur HVDC Station - Pugalur line (Q)	116							145					Feb'20	Award placed in Sep'17.
4.18.2	400KV D/C Pugalur HVDC Station - Arasur line (Q)	120							150					Feb'20	Award placed in Sep'17.
4.18.3	400KV D/C Pugalur HVDC Station - Thiruvalam line (Q)	780							975					Feb'20	Award under progress.
4.18.4	400KV D/C Pugalur HVDC Station - Edayarpalayam (TANTRANSCO) line (Q)	114							142					Feb'20	Award under progress.

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4.18.5	400KV D/C Edayarpalayam (TANTRANSCO)- Udumulpet line (Q)	108							135					Feb'20	Award under progress.
5.0 EASTERN REGION															
5.1	Transmission System for Development of Pooling Station in Northern region Part of West Bengal and Transfer of Power from BHUTAN to NR/WR.	190	Apr'10/ Mar'17	5135.01	3282.55	529	171.09	3453.64	272	268	262	127	Mar'18	Mar'18	Gen. project delayed (ant. in 2017 -18). Works slowed down to the extent feasible to match Generation.
5.1.1	LILO of Bishwanath Chariali - Agra HVDC line at New Pooling Station in Alipurduar for parallel operation of the HVDC stn.	44							64	64	64	44		Mar'17	Line charged alongwith Pole-III in Mar'17. Bipole (3000MW) commissioned in Sep'17
5.1.2	LILO of 400KV D/C Bongaigaon - Siliguri line (Pvt. Sector line) at New Pooling Station in Alipurduar	13							23	23	23	13		Mar'17	Line charged in Mar'17.
5.1.3	400KV D/C Punatsangchu-1 (Gen. Proj. in Bhutan) - Alipurduar line - India Portion.	128							178	174	168	65		Mar'18	Gen. expected beyond 2017-18. Work slowed-down to the extent possible to match Generation .
5.1.4	LILO of 220KV D/C Birpara - Salakati line at New Pooling Station in Alipurduar	5							7	7	7	5		Mar'17	Line charged in Mar'17.
5.2	Eastern Region Strengthening Scheme - III	772	July'10/ Mar'16/ Mar'17	1731.1	1381.93	97.09	31.68	1413.61	1027	1027	1026	768	Dec'17	Dec'17	
5.2.1	400KV D/C Sasaram - Deltonganj line	392							523	523	522	388		Dec'17	Completion (matching with Daltanganj S/s) delayed due to non-availability of sub station land (land acquired in May'15). Construction of down stream 220KV line of state critical.
5.2.2	LILO of 400KV D/C Baripada - Mendhasal at Pandiabil (In place of 400KV D/C Mendhasal-Ultra line)	112							107	107	107	112		Jun'16	Line completed & commissioned in Jul'16.
5.2.3	LILO of 400KV D/C Kahalgaon - Biharshariff line (1st line) at Lakhisarai	64							88	88	88	64		Mar'14	Line commissioned in Mar'14
5.2.4	LILO of 400KV D/C Kahalgaon - Biharshariff line (2nd line) at Banka	56							80	80	80	56		Nov'12	Line commissioned in Nov'12.
5.2.5	LILO of 400KV S/C Meramundali - Jeypore line at Bolangir	42							63	63	63	42		Aug'12	Line commissioned in Aug'12.
5.2.6	LILO of 400KV S/C Rengali - Baripada line at Keonjhar	18							28	28	28	18		Jan'13	Line commissioned in Jan'13.

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5.2.7	LILO of 400KV D/C (one ckt) Baripada - Mendhasal line at Dubri (OPTCL)	32							48	48	48	32		Jul'15	Line ready for commissioning in Jul'15 & commissioned alongwith extn. of Dubri (OPTCL) S/s in Aug'15
5.2.8	LILO of 400KV D/C (both ckt) Jamshedpur - Rourkela line at Chaibasa	56							90	90	90	56		Nov'14	Line commissioned in Nov'14.
5.3	Split Bus Arrangement for avrious Sub Stations in Eastern Region	56	Mar'13 / Jan'16	146.73	115.67	3.36	2.91	118.58	97	92	91	50	Mar'16	Mar'18	
5.3.1	400KV D/C trans. Line for swapping of Purnea bay (1&2) with Sasaram bays (#3&4) at Biharshariff S/Stn.	10							17	17	17	10		Jul'16	Commissioned in Jul'16.
5.3.2	400KV D/C trans. Line for swapping of Kahalgaon #1 bay with Sasaram # 1 bay at Biharshariff S/Stn.	20							38	38	38	20		Apr'15	Commissioned in Apr'15.
5.3.3	400KV D/C trans. Line for reconfiguration of Biharshariff Ckt III&IV from its present position to St.-II side of Kahalgaon Sw. yd. of NTPC	26							42	37	36	20		Mar'18	Bay at Kahalgaon Sy. (NTPC and) awarded in May'16. Completion matching with bay readiness by NTPC.
5.4	Eastern Region Strengthening Scheme-V	934	Oct'13/ Mar'17	1891.41	1110.64	89	40.60	1151.24	1344	1300	1245	729	Sep'17	Mar'18	
5.4.1	400KV D/C Rajarhat - Purnea line (Triple Snowbird)	852							1219	1175	1120	647		Mar'18	Farakka - Gokarna portion of 400KV D/C Rajarhat - Purnea line (236 Ckm) including both LILO's at Farakka & Gokarna commissioned in Mar'17. Severe ROW problem at Rajarhat as well as in Jharkhand area. Processing of forest case in Jharkhand & Bihar slow. Work in Rajarhat area at standstill due to severe ROW.
5.4.2	LILO of 400KV D/C Rajarhat - Purnea line at Farakka.	40							58	58	58	40		Mar'17	Line commissioned in Mar'17.
5.4.3	LILO of 400KV D/C Rajarhat - Purnea line at Gokarna.	34							51	51	51	34		Mar'17	Line commissioned in Mar'17.
5.6.4	LILO of Subhashgram -Jeerat 400KV S/C line at Rajarhat	8							16	16	16	8		Dec'17	Line completed. Commisisonin matching with S/stn. Work at Rajarhat S/S. held up due to persistent protest by locals.
5.5	Transmission System Associated with Darlipalli TPS	41	Jan'16	187.04	54.6	35	25.38	79.98	61	61	61	41	Jun'18	May'17	PROJECT COMPLETED.
5.5.1	765KV D/C Darlipalli TPS - Jharsuguda (Sundergarh) Pooling Stn. line	41							61	61	61	41		May'17	Line commissioned in May'17.

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5.6	Eastern Region Strengthening Scheme-XV	199	Apr'16	454.11	28.5	165	23.12	51.62	286	141	103	4	Apr'18	Apr'18	
5.6.1	400KV D/C Farakka - Baharampur Line (Twin HTLS)	164							229	132	102	4		Apr'18	
5.6.2	LILO at 400KV S/C Farakka - Jeerat line at Sagardighi	30							52	9	1			Apr'18	
5.6.3	LILO at 400KV S/C Sagardighi - Subhasgram line at Jeerat	2							5					Apr'18	Engg. & survy under progress.
5.6.4	Removal of the existing LILO of Farakka - Jeerat S/C line at Baharampur	3												Apr'18	Engg. & survy under progress.
5.7.1	Powergrid Works associated with Common Trans. System for Phase-II Gen. Proj. in Odisha.	89	Apr'16	844.64	44.8	185	71.36	116.16	122	117	110	47	Apr'19	Apr'19	
5.7.2	LILO of both Ckt of 400KV D/C Rourkela - Raigarh (2nd line) at Jharsaguda (Sundargarh) .	89							122	117	110	47		Apr'19	Work under progress. Efforts being made to complete in FY 2017-18.
5.8	Associated Transmission System for NABINAGAR -II TPS.	471	Apr'16	790.3	129.4	240	120.86	250.26	635	510	463	107	Jun'19	Jun'19	
5.8.1	400KV D/C Nabinagar-II - Gaya line (Q)	189							245	233	206	63		Dec'17	Efforts being made to complete matching with Gen. requirement.
5.8.2	400KV D/C Nabinagar-II -Patna line (Q)	282							390	277	257	44		Jun'19	
5.9	Eastern Region Strengthening Scheme-XVII (Part-B)	63	Feb'17	235.53		40.1	5.36	5.36					Jun'19	Jun'19	
5.9.1	Re-conductoring of Maithon RB - Maithon 400KV D/C line	63												Jun'19	Award under progress.
5.9.2	Bypassing arrangement of LILO of 400KV lines at Angul.													Jun'19	Award under progress.
5.10	400KV D/C Baharampur (PG) - Bheramera (B'desh) line (IInd Ckt) - India portion	166	Sep'17	198.49			0						Sep'19	Sep'19	Award under progress.

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						अनुमनित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
6.0	NORTH EASTERN REGION														
6.1	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	1450	Feb'10 / Jan'16/ Mar'17	2932.88	2504.5	37.63	59.96	2564.46	2759	2729	2646	1306	Feb'18	Feb'18	
6.1.1	400KV D/C Bongaigaon TPS - Bongaigaon line	6							11	11	11	6		Dec'12	Line completed & ready for commissioning. Commissioning held up due to Gen. delayed.
6.1.2	400KV D/C Pallatana - Surajmaninagar line (charged at 132KV)	74							118	118	118	74		Jun'12	Line completed & test charged in Jun'12.
6.1.3	400KV D/C Silchar - Purba Kanchan Bari line (charged at 132KV)	254							373	373	373	254		Jul'15	Line commissioned in Jul'15
6.1.4	400KV D/C Silchar - Melriat (New) line (charged at 132KV)	287							451	424	344	163		Feb'18	Major portion of line in forest(60%). Delay in tree cutting affecting site progress.
6.1.5	400KV D/C Silchar - Imphal (New) line (charged at 132KV)	334							479	479	479	334		Mar'15	Line commissioned in Mar'15. (charged at 132KV).
6.1.6	220KV D/C Mariani(New)-Mokikchung (PG)	97							163	163	163	97		Jul'15	Line commissioned in Jul'15
6.1.7	132KV Silchar - Badarpur (PG) Switching station Interconnecting 132KV D/C line	38							69	69	69	38		April'12	Line commissioned in April.'12.
6.1.8	132KV D/C Melriat (New) - Sihmui line	12							20	20	20	12		Feb'18	Erection completed. Testing under progress. Commissioning matching with upstream Silchar-Melriat link.
6.1.9	LILO of 132KV Aizwol (PG) - Zemabawk (Mizoram) at Melriat (PG)	10							17	17	17	10		Feb'18	Erection completed. Testing under progress. Commissioning matching with upstream Silchar-Melriat link.
6.1.10	132KV D/C Silchar - Srikona (AEGCL) line	2							7	7	7	2		Mar'12	Line commissioned in Mar'12.
6.1.11	132KV D/C Silchar - Halaikandi line	60							110	110	110	59		Oct'17	Part line commissioned (35Ckm) through contingency in Jun'12. Balance ant. by Oct'17.
6.1.12	132KV D/C Mokokchung(PG) - Mokokchung(Nagaland) line	3							11	11	11	3		Jul'15	Line commissioned in Jul'15
6.1.13	132KV S/C Pasighat - Roing line (on D/C)	104							347	347	347	104		Jun'17	Line commisisoned in Jun'17.
6.1.14	132KV S/C Roing - Tezu line (on D/C)	72							244	244	244	72		Jun'17	Line commissioned in Jun'17.
6.1.15	132KV S/C Tezu - Namsai line (on D/C)	95							332	329	326	76		Feb'18	Progress affecetd due to ROW problem & geogrephical condition. Tree cutting affecting in progress. Due to non-availability of downstream line, line shall not be utilized.

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						अनुमानित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		पिछले माह तक upto prev. month (Aug'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	
6.1.16	LILO of 400KV S/C Kaithalguri - Misa line at Mariani (New) (Charged at 220KV)	1							2	2	2	1		Mar'13	Line commissioned in Mar'13.
6.1.17	LILO of 132KV S/C Loktak - Imphal (Mizoram) line at Imphal (PG)	1							5	5	5	1		Mar'13	Line commissioned in Mar'13.
6.2	North Eastern Region Strengthening Scheme - IV	16	May'16	409.19	27.4	125	24.02	51.42					May'18	May'18	
6.2.1	Re-conductoring of Agartala GBPP-Agartala (State) 132KV D/C line with HTLS conductor.	16												May'18	Award placed in Nov'16. Engg. under progress.
6.3	North Eastern Region Strengthening Scheme - VII	1	Jul'16	90.7	6.5	0.1	21.52	28.02					Jul'18	Jul'18	
6.3.1	Re-conductoring of Imphal (PG) - Yurembam 132KV S/C line with HTLS conductor.	1												Jul'18	Award placed in Nov'16. Engg. under progress.

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						अनुमानित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्ट्रींगिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
	TBCB Lines														
1	System Strengthening in Southern Region for Import of Power from Eastern Region								1265	1265	1265	958	Aug'16	Sep'16	PROJECT COMPLETED
	765KV D/C Srikakulam PP -Vemagiri-II PS	668							877	877	877	668		Sep'16	Line completed & commissioned on 27.01.17.
	400KV D/C Khammam - Nagarjunsagar line	290							388	388	388	290		Dec'15	Line completed & commissioned in Dec'15.
2	Trans. System pertaining to IPPs of Nagapattinam/Cuddalore Area.								1118	1094	1073	497	Dec'15	Mar'18	
	765KV D/C Nagapattinam - Salem line	406							543	543	540	380		Oct'16	Line commissioned in Oct'16.
	765KV S/C Salem - Madhugiri line	219							575	551	533	117		Mar'18	Severe ROW problem being faced in Karnataka. 02 nos. locs. in wildlife to be cleared.
3	Associated Transmission System of Unchahar TPS.												Jun'16	Sep'16	PROJECT COMPLETED
	400KV D/C Unchahar - Fatehpur Line	107							145	145	145	107		Sep'16	Line charged in Sep'16.
4	Northern Region Strengthening Scheme - XXXI (Part-A)								4	4	4	2	Jul'17	Jul'17	PROJECT COMPLETED
	LILO of 400KV D/C Abdullapur - Karcham Wangtoo at Kala Amb.	2							4	4	4	2		Jul'17	Line completed & commissioned in Jul'17.
5	Transmission System Strengthening Associated with Vindhyachal -V								1008	718	403	39	Jun'18	Jun'18	
	765KV D/C Vindhyachal - Jabalpur line	748							1008	718	403	39		Jun'18	ROW being faced in Vindhyachal area.
6	Transmission System Associated with Gadarwada STPPS of NTPC (Part-A).								1377	1241	1120	563	Nov'17	Nov'17	Contingency arrangement for Seoni-Bina at Gadarwada (31Ckm) commissioned.
	765KV D/C Gadarwara - Jabalpur Pool line	206							271	271	271	206		May'17	Line completed on 23.05.17.
	765KV D/C Gadarwara - Warora Pooling Stn. line	627							837	711	604	242		Nov'17	Severe ROW being faced in Maharashtra. Forest clearance Stage-I issued in Jun'17 & working permission issued in Jul'17.
	LILO of 2x D/C 400KV Wardha - Parli line at Warora Pooling Stn. (Q)	196							269	259	245	115		Nov'17	Work under progress.
7	Transmission System Associated with Gadarwada STPPS of NTPC (Part-B).								1282	1061	906	225	Jan'18	Jan'18	
	765KV D/C Warora Pooling Stn. - Parli line	694							919	764	661	180		Jan'18	Severe ROW problem in Maharashtra.
	765KV D/C Parli - Solapur line	236							311	265	219	45		Jan'18	Work under progress.
	400KV D/C Parli - Parli line (Q)	36							52	32	26			Jan'18	Severe ROW problem.
8	Beyond Vemagiri Transmission System								2618	1783	1241	396	Apr'19	Apr'19	

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	765KV D/C Vemagiri - Chilakaluripeta line	552							729	478	234	53		Apr'19	ROW being faced.
	765KV D/C Chilakaluripeta - Cuddapah line	610							763	596	535	266		Apr'19	
	400KV D/C Cuddapah - Madhugiri Trans. line (Q)	480							652	427	266	31		Feb'19	ROW being faced.
	400KV D/C Srikakulam - Garividi Trans. Line (Q)	290							394	271	206	46		Feb'19	
	400KV D/C Chilakaluripeta - Narasaraopeta Trans. Line (Q)	60							80	11				Apr'19	
9	Eastern Region strengthening Scheme - XVIII								1528				Jul'20	Jul'20	
	765KV D/C Ranchi (New) - Medinipur line	562							764					Jul'20	Award placed in Mar'17. Foundation work commenced.
	765KV D/C Medinipur - Jeerat (New) line	300							401					Jul'20	Award placed in Mar'17. Engg. & survey under progress.
	400KV D/C Jeerat (New) - Subhashgram line	180							292					Jul'20	Award placed in Mar'17. Engg. & survey under progress.
	400KV D/C Jeerat (New) - Jeerat (WBSETCL) line	48							71					Jul'20	Award placed in Mar'17. Engg. & survey under progress.
	LILO of 400KV D/C both ckt of Chandithala - Kharagpur at Medinipur	168							237					Jul'20	Award placed in Mar'17. Engg. & survey under progress.
	LILO of 400KV S/C Jeerat (WBSETCL) - Subhashgram at Rajarhat (PG)	24							37					Jul'20	Award placed in Mar'17. Engg. & survey under progress.
	Other Consultancy Project														
	Srinagar - Leh Tr. System	334							1147	1000	920	217	Jan'17	Sep'18	
	220KV S/C Alusteng - Drass Line	115							425	294	236	29		Sep'18	Final forest clearance accorded in Jul'17.
	220KV S/C Drass - Kargil Line	60							203	197	185	50		Sep'18	Severe ROW problem faced in Kargil distt.
	220KV S/C Kargil - Khalsti Line	97							308	298	289	77		Oct'17	Severe ROW problem faced in Kargil distt.
	220KV S/C Khalsti - Leh Line	62							211	211	210	61		Oct'17	
10	System strengthening for WR. M/s by Sterlite		Mar'11												
	765 KV S/C Jabalpur - Bhopal line													Jun'15	Line commissioned on 06/2015.
	765 KV S/C Bhopal - Indore line													Oct'14	Line commissioned on 10/2014.
	765 KV S/C Aurangabad - Dhule line													Oct'14	Line commissioned on 10/2014.
	765 KV S/C Dhule - Vadodara line													Oct'15	Line commissioned on 02/2015.
	400 KV D/C Bhopal - Bhopal (MPPTCL) Line (Q)													Jul'14	Line commissioned on 07/2014.
	400 kV D/C Dhule - Dhule (Msetcl) Line													Nov'14	Line commissioned on 11/2014.
11	System strengthening for WR and NR. M/s by Sterlite		Mar'11												

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	765 KV D/C Dhramjaygarh - Jabalpur Line													Sep'15	Line commissioned on 09/2015.
	765 KV S/C Jabalpur - Bina Line													Jun'15.	Line commissioned on 06/2015.
12	Scheme for enabling import of NER/ER surplus by NR. M/s By Sterlite		Mar'10												
	400 KV D/C Bongaigaon - Siliguri (Q)													Nov'14	Line commissioned on 11/2014.
	400 KV D/C Purnea - Biharsharif (Q)													Sep'13	Line commissioned on 09/2013.
13	Part ATS for RAPP U-7&8 in Rajasthan. M/s by Sterlite		Mar'14												
	400 kV D/C RAPP - Shujalpur Line	402							521	521	521	402			Line completed on 06/16. Line charged on 15/11/2016.
14	Eastern Region system Strengthening Scheme-VII. M/s by Sterlite		Dec'13												
	400 KV D/C Purulia PSP (WB) - Ranchi (PG)	223							301	301	301	223		Jan-17	Line commissioned on 01/2017.
	400 KV D/C Chaibasa - Kharagpur Line	323							426	426	426	323		Jun-16	Commissioned 06/16.
15	Northern Region System Strengthening Scheme-NRSS-XXIX. M/s by Sterlite		Nov'14												
	400 KV D/C Jullandhar - Samba Line	270							356	356	356	270		Jun'16	Commissioned 06/16.
	400 KV D/C Samba - Amargarh Line	562							760	736	704	420	Oct'18	Nov'17	a) RoW Issue at Location No. 34/0 in Village Gazipur Kullian, Tehsil R.S. Pura, District Jammu. Help required from District Collector, Jammu for police protection so that work can be started. b) RoW Issue at Location Nos. 444 in District Budgam and Location Nos. 542 and 543 in District Baramulla as land owners are asking for undue compensation and few land owners are not appearing in PNC Meetings. Help required from District Collector Budgam and Baramulla to resolve the issue at the earliest. c) Walnut tree assessment in Tehsil Chrarishareef is under progress. Help required from District collector Budgam to expedite the process
	LILO of Both Circuit of Uri - Wagoora 400 KV D/C Line at Amargarh	6							23	23	13		Oct-18	Nov'17	
16	Connectivity lines for Maheshwaram 765/400 KV S/S. M/s by Sterlite		Aug'15												

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	400 KV D/C Maheshwaram - Mahboobnagar Line	196.4							255	254	254	190	Jun'18	Oct'17	RoW issue: Yes (Facing Severe RoW Issue at Location no. 7/0 in Tehsil Kandkoo and District Rangareddy)
	400 KV D/C Nizamabad - Yeddumailaram Line	279.33							367	367	367	279.33	Jun'18	Aug 17	(Received Approval for Energisation Certificate from Electrical Inspector, CEA on 24-08-2017)
17	Common Transmission system for phase-II generation projects in Orissa and immediate evacuation system for OPGC project (Orissa). M/s by Sterlite		Apr'16												
	765 KV D/C Jharsuguda - Raipur (hexa) Line	608							778	589	427	149	Aug'19	Mar-18	RoW issue: Yes (Facing Severe RoW Issue in various Locations in District Durg, Baloda Bazar, Bhatapara, Janjgir, Champa Raigarh and Sundargarh) b) Forest/Wildlife clearance issue: Yes (Forest Clearance proposal (94.656 Ha) pending with DFO, Sundargarh (Odisha) and Forest Clearance proposal (71.767 Ha) pending with Hon'ble Forest Minister, Govt. of Chhattisgarh) c) PTCC Clearance pending for Chhattisgarh Portion.
	400 KV D/C OPGC TPS - Jharsuguda (Triple) Line	102.5							152	152	152	102.5	Jul-17	Aug-17	(Received Approval for Energisation certificate from Electrical Inspector, CEA on 23-08-2017)
18	Creation of new 400 kV GIS substations in Gurgaon area and Palwal as a part of ISTS. M/s by Sterlite		Jul'16										Sep-19	Mar-18	
	400 kV D/C Aligarh-Prithala HTLS line	98.56							107	7			May-19	Mar-18	
	400 kV D/C Prithala-Kadarpur HTLS line	54.9							64				May-19	Mar-18	
	400 kV D/C Kadarpur-Sohna road HTLS line	22.14							30				Sep-19	Mar-18	
	LILO of Gurgaon – Manesar 400 kV D/C (Q) line at Sohna Road	0.78							2				Sep-19	Mar-18	
	400 kV D/C Neemrana(PG) – Dhanonda HTLS line	93.26							110	74	31		May-19	Mar-18	
19	Connectivity system for Khargone TPP. M/s by Khargone														

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 30.09.2017

Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन Gol / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च '17 तक) Cumml Exp. till prev. Year Mar'17(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp.	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमानित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
	LILO of one ckt of Khandwa - Rajgarh 400kV D/C line at Khargone TPP	13.556							20	15	5		Feb-18	Feb-18	
	400 kV D/C Khargone TPP Switchyard – Khandwa pool (Quad) line	49.423							70				Jul-19	Jul-19	
	765kV D/C Khandwa Pool – Indore line	179.14							246	79	44		Jul-19	Jul-18	
	765 kV D/C Khandwa Pool – Dhule line	378.1							485	121	56		Jul-19	Jul-18	
20	NER System Strengthening Scheme II . M/s by NER II Transmission Limited + NERSS-V														Name of the successful Bidder: M/s Sterlite Grid 4 Limited
	400 kV D/C Surajmaninagar - P. K. Bari line	154.21											Jul-20	Jul-19	Detailed Survey Completed. Forest Diversion proposal Submitted Online
	132 kV D/C AGTPP (NEEPCO) – P.K. Bari (TSECL) line	166.85											Mar-20	Jul-19	Detailed Survey Completed
	132 kV D/C Biswanath Chariyalli (POWERGRID) – Itanagar line	133.64											Mar-20	Jul-19	Detailed Survey Completed. Forest Diversion proposal Submitted Online
	400 kV 6. Silchar (POWERGRID) – Misa (POWERGRID) Quad line	349.44											Nov-20	Jul-19	Detailed Survey Completed. Forest Diversion proposal Submitted Online
	LILO of one circuit of Biswanath Chariyalli (POWERGRID) – Itanagar 132kV D/c (Zebra conductor) line at Gohpur (AEGCL)	17.08											Mar-20	Jul-19	
21	Eastern Region System Strengthening Scheme- VI. M/s by Essel.		Dec'13												
	400 KV D/C Muzaffarpur(PG)- Darbhanga line with triple snowbird conductor	125.6							178	178	178	125.6	Jul-16	Apr-17	Transmission Line successfully charged and presently in commercial operation
	LILO of Barh –Gorakhpur 400 kV 2xD/c line at Mothihari	151.56							210	210	210	151.56	Aug-16	Jun-17	Ckt II of 400 kV D/C Motihari – Gorakhpur Line charged on 31st July 2017 andCkt II of 400 kV D/C Motihari – Barh Line will be charged on 1st Aug 2017.
22	Northern Region System Strengthening Scheme, NRSS-XXXI (Part-B).M/s by Essel.		May'14												
	400 kV D/C Kurukshetra-Malerkotla Line	278.4							377	377	377	278.4	Sep-16	Jan'17	Line commissioned in 01/2017
	400 kV D/C Malerkotla-Amritsar Line	299							413	413	413	299	Sep-16	Mar'17	Line commissioned in 03/2017

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 30.09.2017

Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च '17 तक) Cumml Exp. till prev. Year Mar'17(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Aug'17)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमानित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्टीरिंग String. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
23	Additional inter regional AC link for import into southern region i.e Warora-Warangal and Chilakaluripeta – Hyderabad – Kurnool 765 kV link. M/s by Essel.		Jul'16											Nov-19	1) Transmission Line route alignment and detailed survey work is completed. 2) Designing work of 765 kV D/C Transmission Line is completed. 3) Land for Warangal Sub-station is identified and land documents are being collected from land owners.
	765 kV D/C Warora-Warangal (hexa) Line	645.74												Nov'19	
	765 kV D/C Warangal – Hyderabad (hexa) Line	265.22												Nov'19	
	765 kV D/C Hyderabad – Kurnool (hexa) Line	331.58												Nov'19	
	765 kV D/C Warangal – Chilakaluripeta (hexa) Line	394.33												Nov'19	
	765 kV D/C Warangal – Warangal (hexa) Line	94.94												Nov'19	
24	System strengthening in northern region (NRSS XXXVI) along with LILO of Sikar-Neemrana 400 kV D/C line at Babai(RVPNL). M/s by Essel		Aug'16											Dec-19	Transmission Line Route survey work is completed. - Detail survey of 400 kV D/C Babai-Bhiwani and Koteswar-Rishikesh Transmission Line is under progress. -Civil work at Babai Sub-station is in progress.
	400 kV D/C Rishikesh – Koteswar (twin) Line	83											Dec-19		DGPS survey work in progress.
	LILO of one ckt of 400 kV D/c Sikar (PG) – Neemrana (PG) line at Babai	3							6	6	6	1.5	Dec-16	Aug-17	
		249											Jun-19	Jun-19	Forest Proposal for Haryana Portion submitted to MoEF on 15th May 2017.
25	Additional system strengthening for Sipat STPS. M/s Adani		Nov'15												
	765 KV D/C Sipat STPS - Bilaspur (Q) Line	24							73	70	54	11.8	Nov-18	Dec-17	a) RoW issue: Severe ROW being faced and taken up on case-to-case basis.
	765 KV D/C Bilaspur - Rajnandgaon (hexa) line	324							428	427	384	232	Mar-19	Mar-18	RoW issue: Severe ROW being faced and taken up on case-to-case basis b) Delay in availability of 33KV & 11KV shutdown affecting stringing.
26	Additional system strengthening for Chhattisgarh (B). M/s by Adani		Nov'15												
	765 kV D/C Raipur - Rajnandgaon (hexa) Line	80							104	104	104	79.4	Nov-18	May-17	PTCC proposal submitted on 13.09.2016 and approval awaited.

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 30.09.2017

Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन Gol / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च '17 तक) Cumml Exp. till prev. Year Mar'17(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp.	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमानित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरेक्शन Tower Erect. (no.)	स्ट्रींगिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
	765 kV D/C Rajnandgaon - Warora (hexa) Line	532							688	541	471	189.5	Nov-18	Mar-18	a) RoW issue: Severe ROW being faced and taken up on case-to-case basis b) Forest/Wildlife clearance issue: Forest approval awaited c) Delay in availability of 33KV & 11KV shutdown affecting stringing. d) Completion of interconnected upstream / downstream facilities being constructed by PGCIL under Gadarwara – A and Gadarwara – B projects along with Switchable Line Reactors with Bays being constructed by Essel Infra under Warangal project to be matched with completion of line.
27	System strengthening for IPPs in Chhattisgarh and other generation projects in western region. M/s by Adani		Nov'15												
	400 kV D/C Gwalior-Morena (Q) line	95.6							145	145	145	95.6	May-18	Oct-17	a) PTCC proposal submitted in Sep'16 and approval awaited.
	400 kV D/C Vindhyachal STPS - IV & V – Vindhyachal pool (Q) line	54							87	87	85	51.7	Jan-18	Jan-18	a) RoW issue: Severe ROW being faced and taken up on case-to-case basis b) Delay in availability for shutdown of 33KV & 11KV lines affecting stringing.
	765 kV S/C Sasan UMPP – Vindhyachal Pooling Station (Q) line	6							22	22	19	3.4	Nov-18	Dec-17	a) RoW issue: Severe ROW being faced and taken up on case-to-case basis b) PTCC clearance awaited. c) Completion of interconnected bays at Vindhayachal being constructed by PGCIL to be matched with completion of line.
	765 kV S/C Raigarh (Kotra) – Champa (Pool) (Q) line	94							257	218	194	54	Nov-18	Mar-18	a) RoW issue: Severe ROW being faced and taken up on case-to-case basis

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 30.09.2017

Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन Gol / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च '17 तक) Cumml Exp. till prev. Year Mar'17(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp.	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
	765 kV S/C Champa (Pool) – Dharamjaygarh (Q) line	49							150	122	114	19.45	Nov-18	Mar-18	
	LLO of one ckt of Aurangabad – Padghe 765 kV D/C (hexa) line at Pune	130							179	88	55	7	Mar-19	Jul-18	a) RoW issue: Severe ROW being faced and taken up on case-to-case basis
28	Immediate evacuation for North Karanpura (3x660MW) generation project of NTPC (ERSS-XXIX). M/s by North Karanpura Transco Ltd		Jul'16												
	400kV D/C North Karanpura – Gaya line (Q)	185							265	31			SEP-19		a) NOC for the route has not been received from Ministry of Coal/CCL
	400kV D/C North Karanpura – Chandwa (Jharkhand) Pooling Station line (Q)	63							112	4			Sep-17		CCL & CMPDI disallowed construction on BPC route; hence, work had to be stopped. NOC still awaited.
	LLO of both circuits of Ranchi – Maithon-RB 400kV D/c line at Dhanbad	2.4											May-19		
29	Transmission System required for evacuation of power from Kudgi TPS (3x800 MW in Phase-I) of NTPC Limited. M/s by L&T infrastructure development project Limited.		Aug'13												
	400 kV 2x D/C Kudgi TPS – Narendra line (I&II)													Jun'17	Line 1 & 2 completed on 27.03.2015 and 2 commissioned in Nov-15 & Jun-16 respectively.
	765 kV D/C Narendra (New) – Madhugiri line	758							867	867	867	758	DEC-15	JUN-16	Line Commissioned on 23.09.2016
	400 kV D/C Madhugiri – Bidadi line	186							256	256	256	186	DEC-15	JUN-16	Commissioned on 24th August 2016
30	Transmission System for Patran 400kV S/S. M/s by Techno Electric and Engineering Company Ltd.		Nov'13												
	1. LLO of both circuits of Patiala-Kaithal 400kV D/C at Patran (Triple snow Bird Conductor)	1							2	2	2	1	MAY-16	JUN-16	Commissioned 06/16.
31	Transmission System Associated with Krishnapattnam UMPP- Synchronous interconnection between SR and WR (Part-B). M/s by Raichur Solapur Transmission Company Limited.														
	765 kV S/C Raichur-Sholapur line-1	208										208			Line commissioned in 30.06.2014

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Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च '17 तक) Cumml Exp. till prev. Year Mar'17(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Aug'17)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमानित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
32	Transmission system strengthening in Indian system for transfer of power from new HEP's in Bhutan. M/s by Kalpataru.		Jan'16												
	400 KV D/C Alipurduar (PG) – Siliguri (PG) line	232							326	108	16		Mar'19	Mar'19	Severe ROW issues being faced on every location demanding high compensations. (majority of political nature). Work is being done after clearing locations upon rigorous negotiations with landowners.
	400 KV D/C Kishanganj (PG) – Darbhanga (DMTCL) line	418							542	306	129		Mar'19	Mar'19	
33	North Eastern Region Strengthening Scheme (NERSS-VI). M/s by Kohima-Mairani Transmission Limited														Yet to award / Bidding Under Process
	400 kV D/C Imphal-New Kohima line													Jul-20	
	400 kV D/C New Kohima -New Mariani line													Jul-20	
34	Transmission system associated with DGEN TPS (1200 MW) of Torrent Power Ltd. M/s by Instalaciones Inabensa		Mar'15											May'18	Project authority had not started construction activity as per execution plan. Matter was taken up with the project authority and notice served in August/Sept 2016 but project authority did not respond.
	400 kV D/C DGEN TPS – Vadodara line														
	220 kV D/C Navsari - Bhesatan line														
35	System strengthening in NR for import of power from North Karanpura and other projects outside NR and system strengthening in WR for import of power from North Karanpura and other projects outside Western Region and also for projects within Western Region. M/s by Reliance.		May'10												SC on 12th August has disposed of the appeal and directed ATE to decide on the appeal. Next hearing in ATE is due on 19th July 2017. As the approval by Ministry of Power (MoP) u/s 68 of Electricity Act 2003 to the project have already expired, the Company has filed a letter on January 14, 2014 requesting extension of the same.

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Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च '17 तक) Cumml Exp. till prev. Year Mar'17(Provisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp.	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमानित बजट (17-18) B.E. (17-18)	Actual upto prev. month (Aug'17)		पिछले माह तक upto prev. month (Aug'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टावर ईरिक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	
	400 kV D/C Sipat/Korba pooling station – Seoni line	334											NOV-13		Work is yet to start.
	765 kV D/C Lucknow – Bareilly line	220											NOV-13		Work is yet to start.
	765 kV D/C Bareilly - Meerut	240											NOV-13		Work is yet to start.
	400 kV D/C Agra – Gurgaon line	220											NOV-13		Work is yet to start.
	400 kV D/C Gurgaon – Gurgaon (PG) line	20											NOV-13		Work is yet to start.
36	Talcher-II Augmentation System. M/s by Reliance		Apr'10												SC on 12th August has disposed of the appeal and directed ATE to decide on the appeal. Next hearing in ATE is due on 19th July 2017
	400 kV D/C Talcher II – Rourkela (Q) line	161											OCT-12		Work is yet to start
	400 kV D/C Talcher II – Behrampur line	220											OCT-12		Work is yet to start
	400 kV D/C Behrampur – Gazuwaka line	290											OCT-12		Work is yet to start

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (SUBSTATIONS) AS ON 30.09.2017

PART - II : सब स्टेशन SUBSTATION

क्रमांक Sl. No.	सब स्टेशन का नाम Name of the Sub -Station	एम.वी.ए अनुपात MVA Ratio	भा.स./नि.मं अनुमोदन GoI / BoD Approval	इरेक्शन ठेकेदार Erection Contractor	जमीन की स्थिति Status of land	निर्माण की स्थिति Status of Construction			ट्रांसफार्मर Transformer		संपूर्ण लक्ष्य Completion Tgt.		Remarks
						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाइ Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
1	MULTI REGIONAL SYSTEMS												
1.1	North East / Northern Western Interconnector - I Project		Feb'09/ Nov'15								Dec'17	Dec'17	
1.1.1	Part-A : North East - Northern/ Western Interconnector -I										Aug'13	Sep'16	Lower Subansiri bay shall be commissioned matching with completion of Lower Subansiri - BNC lines. Work of this line is standstill since Dec.'11. Completion uncertain.
1.1.1.1	400/132KV Biswanath Chariyali Pooling Station	2x200		ABB	Acquired	Compltd	Compltd	Compltd	2	2	Aug'13	Jan'16	Sub station along with ICT-II commissioned in Oct'15 & ICT -I in Jan'16.
1.1.1.2	HVDC Rectifire Module at Biswanath Chariyali (3000MW)			JV of ABB & BHEL	Acquired	Compltd	Compltd	Compltd	2	2	Aug'13	Sep'16	Pole-I test commissioned in Oct'15. Pole -II commissioned in Sep'16.
1.1.1.3	HVDC Rectifire Module at Agra (3000MW)			JV of ABB & BHEL	Acquired	Compltd	Compltd	Compltd	2	2	Aug'13	Sep'16	Pole-I test commissioned in Oct'15. Pole -II commissioned in Sep'16.
1.1.1.4	Aug. of 400KV Agra S/Stn.	4x105		ABB	Available	Compltd	Compltd	Compltd	1	1	Aug'13	Jan'16	Commissioned in Jan'16.
1.1.1.5	Extn. of 400KV Balipara S/Stn.			ICSA	Available	Compltd	Compltd	Compltd			Aug'13	Sep'15	Commissioned.
1.1.1.6	Extn. of 132KV Biswanath Chariyali S/Stn.			ABB	Available	Compltd	Compltd	Compltd			Aug'13	Sep'15	Commissioned.
1.1.2	Part-B : Transmission System for immediate evacuation of Power from Kameng HEP										Feb'13	Dec'17	Completion matching with Gen. Proj.
1.1.2.1	2nd ICT of 400/220KV Misa S/Stn.	1x315		ICSA	Available	Compltd	Compltd	Compltd	Compltd	Compltd	Feb'13	Jun'12	Commissioned in Jun'12.
1.1.2.2	Extn. of 400KV Balipara S/Stn.			ICSA	Available	Compltd	Compltd	Compltd			Feb'13	Dec'17	Bongaigaon bay commissioned in Oct'14. Balance by Dec'17 matching with Kameng-Balipara line.
1.1.2.3	Extn. of 400KV Bongaigaon S/Stn.			ICSA	Available	Compltd	Compltd	Compltd			Feb'13	Oct'14	Commissioned
1.1.3	Part-C : Transmission System for immediate evacuation of Power from Lower Subhansiri HEP										Feb'13	*	* Completion uncertain.
1.1.3.1	Extn. 400KV at Biswanath Chariyali Pooling stn.			ABB	Available	15%					Feb'13	*	Completion matching with line (Line work almost stalled due to agitation against big dam uncertain sch. of Gen.).
1.2	WR - NR HVDC Interconnector for IPP Projects in Chattisgarh		Mar'12/ Mar'17								Jun'17	Sep'17	PROJECT COMPLETED
	PART-A: WR-NR Interconnector for IPP Projects in Chattisgarh												
1.2.1	HVDC Rectifier Module of 3000MW capacity at Champa			Alstom		Compltd	Compltd	Compltd	2	2		Sep'17	Pole-I commissioned in Mar'17. Pole-II ICT charged in Jun'17 & commissioning in Sep'17.
1.2.2	HVDC Rectifier Module of 3000MW capacity at Kurukshetra			Alstom		Compltd	Compltd	Compltd	2	2		Sep'17	Pole-I commissioned in Mar'17. Pole-II ICT charged in Jun'17 & commissioning in Sep'17.
1.2.3	400/220KV Kurukshetra S/Stn. (GIS)	2x500		Alstom		Compltd	Compltd	Compltd	2	2		Mar'17	ICT's commissioned in Mar'17
	PART-B: Trans. System Strenthening in NR for IPP Proj. in Chittasgarh												
1.2.5	Extn. 400/220KV Jallandhar S/stn.			KPTL	Available	Compltd	Compltd	Compltd				Dec'15	Commissioned in Dec'15.

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क्रमांक Sl. No.	सब स्टेशन का नाम Name of the Sub -Station	एम.वी.ए अनुपात MVA Ratio	भा.स./नि.मं अनुमोदन GoI / BoD Approval	ईरेक्शन ठेकेदार Erection Contractor	जमीन की स्थिति Status of land	निर्माण की स्थिति Status of Construction			ट्रांसफार्मर Transformer		संपूर्ण लक्ष्य Completion Tgt.		Remarks
						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाइ Supply (Nos)	ईरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
1.2.6	Extn. 400/220KV Nakodar (PSTCL) S/stn.			KPTL	Available	Compltd	Compltd	Compltd				Dec'15	Commissioned in Dec'15.
1.3	Common System Associated with East Coast Energy Pvt. Ltd and NCC Power Projects Ltd. LTOA Gen. Proj. in Srikakulam area-Part-B		Mar'13/ Mar'17								Dec'17	Mar'18	
1.3.1	Extn. of 765/400KV Angul S/stn.			Techno	Available	95%	95%	89%				Mar'18	Supply, civil works & erection under progress. Completion matching with line.
1.3.2	Extn. of 765/400KV Jharsuguda S/stn.			Techno	Available	95%	96%	89%				Mar'18	Supply, civil works & erection under progress. Completion matching with line.
1.3.3	Extn. of 765/400KV Dharamjaigarh S/s.			Techno	Available	99%	96%	96%				Mar'18	Supply, civil works & erection under progress. Completion matching with line.
1.4	Common System Associated with East Coast Energy Pvt. Ltd and NCC Power Proj. Ltd. LTOA Gen. Proj. in Srikakulam area - Part-C		Mar'13/ Mar'17								Dec'17	Dec'17	
1.4.1	765/400KV Srikakulam Pooling Station	2x1500		765KV GIS - Hyosung / Techno	Available	98%	98%	96%	2	2		Dec'17	765KV Bay commissioned in Jan'17 matching with associated line. ICT's ready. Commissioning matching with Gen. / down-stream line.
1.4.2	Extn. of 765/400KV Angul S/stn.			Techno	Available	100%	100%	100%				Jan'17	Commissioned in Jan'17.
1.5	Trans. Syatem Strengthening in WR - NR Transmission Corridor for IPP's in Chaittisgarh		Jun'14								Mar'18	Jun'18	
1.5.1	Upgradation of +/- 800KV HVDC Converter stn. 3000MW to 6000MW at Champa Stn.	3000			Available	48%	44%					Jun'18	Engg., supply & civil work under progress.
1.5.2	Upgradation of +/- 800KV HVDC Converter stn. 3000MW to 6000MW at Kurukshetra Stn.	3000			Available	47%	41%					Jun'18	Engg., supply & civil work under progress.
1.5.3	Extn. At 400/220KV Kurukshetra S/stn.				Available	90%	90%	80%				Oct'17	Work under progress.
1.5.4	Extn. At 400/220KV Jind S/stn.			Alstom	Available	95%	95%	90%				Oct'17	Work under progress.
1.6	Inter-Regional System Strengthening Scheme in WR and NR (Part-B)		Dec'14								Apr'18	Apr'18	Efforts are being made to complete earlier ie by Mar'18.
1.6.1	765/400KV Orai Sub station	2x1000		NHVS/ KEC	Acquired	75%	85%	65%				Mar'18	Supply, civil work & erection under progress.
1.6.2	765/400KV Aligarh Switching Stn. (GIS)			Hysoung	Acquired	75%	85%	60%				Apr'18	Engg., supply, civil work & erection under progress.
1.6.3	Extn at 765/400KV at Jabalpur PS				Available	95%	95%	85%				Mar'18	Supply, civil work & erection under progress.
1.6.4	Extn at 765/400KV at Jhatikara & Gwalior S/stn.			Alstom	Available	68%	70%	58%				Apr'18	Extn. at Gwalior commissioned in Mar'17. Balance works under progress.
1.6.5	Extn at 400KV at Orai (UPPTCL) S/stn.			NHVS/ KEC	Available	20%						Mar'18	Award placed in Oct'15. Engg. & civil work under progress.
1.7	Wardha - Hyderabad 765 KV Links		Feb'15								May'18	Jul'17	PROJECT COMPLETED

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क्रमांक Sl. No.	सब स्टेशन का नाम Name of the Sub -Station	एम.वी.ए अनुपात MVA Ratio	भा.स./नि.मं अनुमोदन GoI / BoD Approval	ईरेक्शन ठेकेदार Erection Contractor	जमीन की स्थिति Status of land	निर्माण की स्थिति Status of Construction			ट्रांसफार्मर Transformer		संपूर्ण लक्ष्य Completion Tgt.		Remarks
						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	ईरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
1.7.1	765/400KV Nizamabad Sub station	2x1500		Hysoung	Acquired	Compltd	Compltd	Compltd	2	2		Apr'17	Sub station alongwith ICT-I commissioned in Mar'17. ICT-II commissioned in Apr'17.
1.7.2	Extn. at 765/400KV Hyderabad S/stn.				Available	Compltd	Compltd	Compltd				Jul'17	Commisisoned in Jul'17.
1.7.3	Extn. at 765/400KV Wardha S/stn.				Available	Compltd	Compltd	Compltd				Mar'17	Commisisoned in Mar'17.
1.7.4	Extn. at 400KV Dichpally S/stn. (APTRANSCO)				Available	Compltd	Compltd	Compltd				Mar'17	Commisisoned in Mar'17.
1.8	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS)- Part- A		Apr'15/ Mar'17								Mar'18	Mar'18	
1.8.1	765/400KV Chittorgarh Sub station	2x1500		Techno	Acquired	97%	95%	93%	2	1		Dec'17	Civil work, supply & erection under progress.
1.8.2	765/400KV Ajmer Sub station	2x1500		Techno	Acquired	96%	95%	92%	2	1		Dec'17	Civil work, supply & erection under progress.
1.8.3	400/230KV Tirunelveli Pooling station (GIS)	2x500			Acquired	97%	60%	55%				Mar'18	Work under progress. To be match with Gen.
1.8.4	Extn. of 400/230KV Tuticorin Pooling station				Available	100%	98%	95%				Mar'18	Work under progress. To be match with Gen.
1.8.5	Extn. of 400/220KV Chittorgarh (RVPN) & Ajmer (RVPN) S/stn. (Deposit work)			Techno	Available	98%	98%	95%				Mar'18	Work under progress in Ajmer bay & Chittorgarh is ready.
1.9	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS)- Part- B		Apr'15								Apr'18	Jul'18	
1.9.1	765/400KV Banaskanta Sub station	2x1500		BHEL	Acquired	85%	70%	45%				Jul'18	Engg., civil work, supply & erection under progress.
1.9.2	Extn. of 765/400KV Chittorgarh S/stn.	-		BHEL	Available	90%	85%	80%				Jul'18	Civil work, supply & erection under progress. Completion matching with associated line.
1.9.3	Extn. of 765/400KV Ajmer S/stn.	-		BHEL	Available	95%	94%	90%				Apr'18	Civil work, supply & erection under progress. Completion matching with associated line.
1.9.4	Extn. of 400/220KV Sankhari S/stn. (GETCO)	-		BHEL	Available	65%	45%					Jul'18	Engg., supply & civil work under progress.
1.10	Transmission System Strengthening in Indian System for Transfer of Power from Mangdechhu Hydroelectric Proj, in BHUTAN.		Mar'16								Jan'18	Mar'19	
1.10.1	Extn at 400KV bays at Alipurduar S/stn.				Available	99%	99%	99%				Mar'19	Bay available. Commissioning matching with line.
1.11	HVDC Bipole link between Western Region (Raigarh, Chattisgarh) and southern Region (Pugalur, TM) - North Trichur (Kerala) - Scheme-I : Raigerh-Pugalur 6000 MW HVDC System		May'16								Nov'19	Nov'19	
1.11.1	800KV HVDC Raigarh Station with 6000 MW HVDC Terminal			ABB/ BHEL	Acquired							Nov'19	Award placed in Jun'16. Package was court case. Resolved in Dec'16. Engg. in progress.
1.11.2	800KV HVDC Pugalur Station with 6000 MW HVDC Terminal			ABB/ BHEL	Acquired							Nov'19	Award placed in Jun'16. Package was court case. Resolved in Dec'16. Engg. in progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
1.12	Green Energy Corridore ISTS - Part -D		May'16								May'19	May'19	Efforts are being made to complete early.
1.12.1	765/400KV Bikaner Sub station	2x1500		Techno	Acquired	40%	10%					May'19	Engg., supply & civil work under progress. Unauthorised mining affect site progress. State/Distt. admn. help required.
1.12.2	Extn. at 765/400KV Ajmer Sub station			Techno	Available	25%	5%					May'19	Award placed in May'16. Engg., supply & civil work under progress.
1.12.3	Extn. at 765/400KV Moga Sub station			Techno	Available	25%	5%					May'19	Award placed in May'16. Engg., supply & civil work under progress.
2.0	NORTHERN REGION												
2.1	Northern Regional System Strengthening Scheme - XVI		July'10/ May'15/								Jun'17	Jul'17	PROJECT COMPLETED
2.1.1	400/220 KV Wanpoh Sub station	7x105		JSL	Available	Compltd	Compltd	Compltd	2	2		Jul'14	Sub station commissioned with ICT-I (3x105) in Sep'13, ICT-II (3x105) commissioned in Jul'14.
2.1.2	Extn. of 400/220KV Kishanpur Substation	-		JSL	Available	Compltd	Compltd	Compltd				Jul'17	Commisisoned in Jul'17.
2.2	Northern Regional System Strengthening Scheme - XXIV		Nov'11/ Mar'17								Jun'17	Dec'17	One space 400KV bay at Dulhasti HEP S/y of NHPC would be used for termination of the line at Dulhasti end.
2.2.1	Extn. at 400/220 KV Deharadun, Abdullapur and Kishenpur Sub station,			CGL/L&T	Available	Compltd	Compltd	99%				Dec'17	Bay ready. Commissioning matching with line.
2.2.2	Extn. at 400/220 KV Balia Sub station, (2x63 MVAR Reactor)			GET	Available	Compltd	Compltd	Compltd				Jan'14	Commissioned in Jan'14.
2.3	Strengthening Scheme in Northern Region		Oct'12								Oct'14	Sep'17	PROJECT COMPLETED
2.3.1	Extn of 400/220KV Kota S/Stn. (PG) (Shifting 50MVAR LR Merta to Kota)			Alstom	Available	Compltd	Compltd	Compltd				Mar'16	Commissioned in Mar'16.
2.3.2	Extn of 400/220KV Dehar S/Stn. (BBMB) (Inst. of 2x63 MVAR BR & Repl. 250MVA Tfr. to 4x105 MVA)	65		NHVS/ EMC	Available	Compltd	Compltd	Compltd	1	1		Sep'17	One reactor commissioned. Repl. of ICT, commissioned in Jan'17. Balance 01 reactor commisioned in Sep'17.
2.3.3	Extn of 400/220KV Koteswar S/Stn. (THDC) (125 MVAR BR)			Alstom	Available	Compltd	Compltd	Compltd				Jul'17	Commissioned in Jul'17.
2.4	Transmission System Associated with RAPP 7 & 8 - Part-A.		Mar'13								Mar'15	Jul'17	PROJECT COMPLETED
2.4.1	Extn. at 400KV Kota S/stn.			Techno	Available	Compltd	Compltd	Compltd				Jul'17	Commissioned in Jul'17.
2.5	Northern Region System Strengthening Scheme -XXX		Feb'14/ Mar'17								Feb'18	Feb'18	
2.5.1	Extn. at 400KV Singrauli S/stn. at NTPC Gen. Stn.			Alstom	Available	85%	90%	60%				Feb'18	Supply & civil works under progress. Eqpt. erection to start in Dec'16.
2.5.2	Extn. at 400/220KV Allahabad S/Stn.			Alstom	Available	100%	99%	98%				Feb'18	Works under progress.
2.5.3	Extn. at 765/400KV Kanpur GIS			Alstom	Available	100%	99%	98%				Sep'17	Works under progress.
2.6	Northern Region System Strengthening Scheme -XXXII		Feb'14/ Mar'17								Feb'18	Oct'17	

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	ईरैक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
2.6.1	Aug. at 400/220KV Ballabgarh S/stn. (replacing existing 4x315MVA with 4x500MVA ICT's)	740		Emco	Available	Compltd	Compltd	Compltd	4	4		Jun'17	ICT-I commissioned in Feb'16 & ICT-II in Sep'16. ICT-III & IV in Jun'17.
2.6.2	Aug. at 400/220KV Mandola S/stn. (replacing existing 4x315MVA with 4x500MVA ICT's)	740		Emco	Available	Compltd	Compltd	Compltd	4	4		Oct'16	ICT-I commissioned in Mar'16, ICT-II in Apr'16 & ICT-III in May'16. ICT-IV in Oct'16.
2.6.3	Provision of 7x105 MVA 400/220KV ICT at Parbati PS	630		Hysoung/ L&T	Available	95%	92%	94%	7	7		Oct'17	Civil work, supply & erection under progress. MoP/CEA assistance required for implementation of Down stream line by HPSEB.
2.6.4	Aug. at 400/220KV Gurgaon S/stn. (4th ICT-500MVA)	500		Hysoung/ L&T	Available	Compltd	Compltd	Compltd	1	1		Jul'17	Charged & Ready for commisioning.
2.6.5	Extn. at 400/220KV Panchkula & Patiala S/stn.	-		Alstom	Available	Compltd	Compltd	Compltd				Apr'16	Commissioned in Apr'16.
2.6.6	Extn. at 765/400/220KV Lucknow S/stn.	-		Emco	Available	Compltd	Compltd	Compltd				May'17	Commissioned in May'17.
2.6.7	Extn. at 765/400/220KV Kanpur S/stn.	-		Hysoung	Available	Compltd	Compltd	Compltd				May'17	Commissioned in May'17.
2.6.8	Extn at 400/220KV Chittorgarh S/stn.	-			Available	Compltd	Compltd	Compltd				Sep'16	Charged on 30.09.16.
2.6.9	Extn at 400/220KV Kaithal S/stn.	-		Emco	Available	Compltd	Compltd	Compltd				Mar'17	Commissioned in Mar'17.
2.7	Static VAR Compensators (SVCs) in Northern Region		May'14/ Mar'17								Oct'17	Oct'17	
2.7.1	SVC at 400/220KV Ludhiana S/stn. (+)600MVAR / (-) 400MVAR	-		Siemens	Available	Compltd	Compltd	Compltd				Nov'16	Commissioned in Nov'16.
2.7.2	SVC at 400/220KV Kankroli S/stn. (+)400MVAR / (-) 300MVAR	-		Siemens	Available	Compltd	Compltd	Compltd				Dec'16	Commissioned in Dec'16.
2.7.2	SVC at 400/220KV New Wanpoh S/stn. (+)300MVAR / (-) 200MVAR	-		Siemens	Available	82%	75%	85%				Oct'17	Work affected due to disturbance in Kashmir.
2.8	Augmentation of Transformers in Northern Region - Part-B.		Mar'14/ Mar'17								Jul'17	Oct'17	
2.8.1	Extn. at 400/220KV Samba S/stn.	315		Toshiba	Available	Compltd	Compltd	Compltd	1	1		Oct'16	Commissioned in Oct'16.
2.8.2	Extn. at 400/220KV Gurgaon S/stn.	500		NHVS/ EMC	Available	98%	99%	95%				Oct'17	Supply, civil work & erection under progress.
2.8.3	Extn. at 400/220KV Hamirupr S/stn.	3x105		NHVS/ EMC	Available	70%	40%	30%	3			Oct'17	Erection under progress. Down stream line delayed. Critical
2.8.4	Extn. at 400/220KV Jalandhar S/stn.	500		Toshiba	Available	Compltd	Compltd	Compltd	1	1		Jun'16	Commissioned in Jun'16.
2.8.5	Extn. at 400/220KV Panchkula S/stn.	500		Toshiba	Available	Compltd	Compltd	Compltd	1	1		Mar'16	Commissioned in Mar'16.
2.9	Transmission System associated with Tehri Pump Storage Plant (PSP)		Jan'15								Oct'17	Jun'18	
2.9.1	765/400KV Tehri Poolig Station (GIS)	4x800		NHVS/KEC		70%	35%					Jun'18	Award placed in Mar'15. Engg., civil work & supply under progress.
2.9.2	Extn. at 765/400KV Meerut Sub station	1500		NHVS/KEC	Available	85%	70%	45%				Jun'18	Engg., civil work, supply & erection under progress.
2.10	Transmission System associated with Kishanganga HEP		Jan'15/ Mar'17								Mar'18	Mar'18	Bays at Amargarh in the scope of PDD, J&K Govt (ready).

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	ईरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
2.10.1	Extn. at 400/220KV Wagoora S/Stn. (PG). (02 nos line bays)	-		GE Alstom	Available	30%	25%					Mar'18	Engg., supply & civil work under progress. Work affected due to disturbance in Kashmir.
2.11	Bus Reactors in Northern Region (Phase-II)		Feb'15								Aug'17	Sep'17	PROJECT COMPLETED
2.11.1	Extn. at 400/220KV Panchkula, Sonapat & Kaithal Sub station (125MVAR Bus Reactors in each extn.)	-		GE Alstom	Available	Compltd	Compltd	Compltd				Dec'16	Reactor at Panchkula & Kaithal commissioned in Oct'16 & Sonapat in Dec'16.
2.11.2	Extn. at 400/220KV Manesar, Kanpur, Bassi & Jaipur South Sub station (125MVAR Bus Reactors in each extn.)	-		GE Alstom / ABB	Available	Compltd	Compltd	Compltd				Sep'17	Extn. at Bassi commissioned in Sep'16. Kanpur & Jaipur south commissioned in Dec'16. Manasar commissioned in Sep'17.
2.12	Northern Region System Strengthening Scheme -XXXIV		Mar'15								July'17	Nov'17	
2.12.1	Extn. at 400/220KV Agra Sub station	315		GE Alstom	Available	Compltd	Compltd	Compltd	1	1		Jun'17	Commissioned in Jun'17.
2.12.2	Extn. at 400/220KV Kaithal Sub station	315		GE Alstom	Available	80%	75%	70%	1			Nov'17	Work under proress. ICT at Kaithal is to be provide from the 315 MVA (repl. 315 to 500MVA) at Ballabgarh S/Stn.
2.12.3	Extn. at 400/220KV Bhinamal & Jullandhar S/stn.			GE Alstom	Available	Compltd	Compltd	Compltd				Apr'17	Bay at Jullandhur S/s commissioned in Feb'17 & Bhimanal in Apr'17..
2.13	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-A)		Mar'15/ Mar'17								Jun'19	Jun'19	
2.13.1	400/220KV Rajghat Sub station (GIS)	4x500			Acquired							Jun'19	Re-award under progress. Possision of land in Dec'16. Award terminated due to delay in land acqurisation. Land under hold.
2.13.2	400/220KV Dwarka -I Sub station (GIS)	4x500		L&T/ Hysoung	Acquired	15%						Sep'18	Land acquired in Aug'16. Award placed in Dec'16. Engg. & civil work under progress.
2.14	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-B1)		May'15								Oct'18	Oct'18	Compln. Sch - 26 month from date of land acq. (land acquired in Aug'16).
2.14.1	400/220KV Tughlakabad S/stn (GIS)	4x500		L&T/ Hysoung	Acquired	30%	2%					Oct'18	Land acquired in Jul'16. Award placed in Dec'16. Engg., supply & civil work under progress.
2.15	Transmission System Associated with RAPP 7 & 8 - Part - B.		Jul'15								Nov'17	Jun'18	
2.15.1	Extn. at 400/220KV Jaipur (South) S/stn.			Alstom	Available	96%	85%	80%				Jun'18	Engg., supply, civil works & erection under progress.
2.15.2	Extn. at 400/220KV Kota S/stn.			Alstom	Available	97%	85%	80%				Jun'18	Award placed in Aug'15. Engg., supply, civil works & erection under progress.
2.16	Augmentation of Transformation Capacity at Mainpuri & Sikar S/stn.		Jan'16								Jan'18	Jan'18	
2.16.1	Extn. at 400/220KV Mainpuri S/stn.	1x500		SPML	Available	Compltd	Compltd	Compltd				Aug'17	Commisisoned in Aug'17.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
2.16.2	Extn. at 400/220KV Sikar S/stn.	1x500		SPML	Available	96%	90%	75%				Jan'18	Supply, civil work & erection under progress. Issue needs to be taken up with State for construction of 220KV line. RRVPNL yet to start construction work for down stream.
2.17	Provision of 400KV Bays for Northern Region System Strengthening Scheme - XXIX		Jan'16								Nov'18	Nov'18	
2.17.1	Extn. at 400/220KV Jalandhar S/stn.			Godrej	Available	Compltd	Compltd	Compltd				Dec'16	Commissioned in Dec'16.
2.17.2	Extn. at 400/220KV Samba S/stn.			Godrej	Available	75%	55%	50%				Nov'18	Jalandhar bay commissioned. Balance work (Amargarh bay) under progress.
2.18	Transmission System for Solar Power Park at Bhadla, Rajasthan.		Jul'16								Jan'19	Jan'19	
2.18.1	765/400/220KV Bhadla Sub station	3x1500 3X500		TATA/ Alstom	Acquired	35%	2%					Jan'19	Award Placed in Aug'16. Engg., supply & civil work under progress.
2.18.2	Extn. at 765/400KV Bikaner Sub station			Alstom	Available	5%						Jan'19	Award Placed in Aug'16. Engg. & civil work under progress.
2.18.3	Extn. at 400/220KV Bhadla (RVPN) Sub station				Available							Jan'19	Award Placed in Aug'16 (Extn. work to be carried out by RVPN on deposit work on behalf of PG)
2.19	Provision of STATCOM at Nalagarh & Lucknow in Northern Region.		Aug'16								Feb'19	Feb'19	
2.19.1	Extn. at Lucknow Sub station (STATCOM)	-		Ronxing/ Techno	Available	5%						Feb'19	Award placed in Sep'16. Engg. & civil work under progress.
2.19.2	Extn. at Nalagarh Sub station (STATCOM)	-		Ronxing/ Techno	Available	5%						Feb'19	Award placed in Sep'16. Engg. & civil work under progress.
2.20	Provision of Series Reactors in Northern Region.		Aug'16								Feb'19	Feb'19	
2.20.1	1 no. Series Bus Reactor at 400/220 KV Mandola S/stn. and 02 nos series line reactor along with associated bays	-		Alstom	Available	25%	2%					Feb'19	Award placed in Aug'16. Engg., supply & civil work under progress.
2.20.2	1 no. Series Bus Reactor at 400/220 KV Ballabgarh S/stn. along with associated bays	-		Alstom	Available	20%	2%					Feb'19	Award placed in Aug'16. Engg., supply & civil work under progress.
2.21	Establishment of 220/66KV GIS at UT Chandigarh along with 220KV D/C line from Chandigarh GIS to 400/220KV Panchkula (PG) Sub station.		Feb'17								Feb'19	Feb'19	
2.21.1	220/66KV UT Chandigarh (GIS) Sub station	2x160			Acquired	2%						Feb'19	Award placed in Mar'17. Engg. & civil work under progress.
2.21.2	Extn at 400/220KV Panchkula Sub station	-			Available							Feb'19	Award placed in Mar'17. Engg. in progress.
2.22	System Strengthening Scheme in Northern Region - XXXVII		Feb'17								Dec'19	Dec'19	
2.22.1	400/220KV Jauljivi (GIS) Sub station	7x105		KPTL	Acquired							Dec'19	Award placed in Mar'17. Engg. in progress.

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2.22.2	Extn at 765/400KV Bareilly Sub station	-		KPTL	Available							Dec'19	Award placed in Mar'17. Engg. in progress.
2.23	System Strengthening Scheme in Northern Region - XXXVI		Mar'17								Sep'19	Sep'19	
2.23.1	Extn. at 400/220KV Koteswar Pooling station	-		KEC/ NHVS	Available							Sep'19	Award placed in Mar'17. Engg. in progress.
2.23.2	Extn. at 400/220KV Roorkee Sub station	-		KEC	Available							Sep'19	Award placed in Mar'17. Engg. in progress.
2.24	System Strengthening Scheme in Northern Region - XXXVIII		Mar'17								Jun'19	Jun'19	
2.24.1	Creation of 400KV level at Aligarh (PG) 765KV GIS Switching Station - Extn.	2x1500		KEC/ NHVS	Available							Jun'19	Award placed in Mar'17. Engg. in progress.
2.24.2	Extn. at 400KV Neemrana Sub station	-		KEC	Available							Jun'19	Award placed in Mar'17. Engg. in progress.
2.25	Line Bays Associated with Various Regional Strengthening Schemes in NR		Mar'17								Mar'19	Mar'19	
2.25.1	Extn. at 765/400/220KV Fatehpur Sub station	-		KEC	Available	2%						Dec'18	Award placed in Mar'17. Engg. & civil work under progress.
2.25.2	Extn. at 400KV Bhinmal Sub station	-		KEC	Available	30%	20%					Mar'19	Award placed in Mar'17. Engg., supply & civil work under progress.
2.25.3	Extn. at 400KV SikarSub station	-		KEC	Available	60%	50%	40%				Mar'19	Supply, civil work & erection under progress.
2.26	Augmentation of Transformation Capacity at Raebareli & Sitarganj 220/132KV S/Stn.		Mar'17								Mar'19	Mar'19	
2.26.1	Repl. of 2x100MVA ICT's by 2x200MVA 220/132KV ICT's at Raebareli S/stn.	200		Kanohur	Available							Mar'19	Award placed in Mar'17. Engg. in progress. Efforts being made to complete earlier in FY 2018.
2.26.2	Extn. at 220/132KV Sitarganj Sub station	-		Kanohur	Available	5%						Mar'19	Engg. & civil work under progress.
2.27	Augmentation of Transformation Capacity at Fatehabad 400/220KV S/Stn.		Mar'17								Sep'19	Sep'19	
2.26.1	Ext. at 400/220KV ICT's at Fatehabad S/stn.	-		KEC	Available							Sep'19	Award placed in Mar'17. Engg. in progress.
3.0	WESTERN REGION												
3.1	Western Region Strengthening Scheme - V		Dec'07/ Nov'12/ Jan'16/ Mar'17								Dec'17	Mar'18	Matching with line.
3.1.1	400/220 KV Navi Mumbai (GIS).	2x315		ABB	Acquired	Compltd	Compltd	Compltd	2	2		Mar'18	Sub station is ready. Commissioning matching with LILO line (under ROW) now planned to be completed using under ground cable. Severe ROW problem. Critical. Due to severe ROW portion at Navi-Mumbai end, Line was decided to be terminated at Kudus S/Stn. of MSETCL. Also 220KV down stream system (under MSETCL scope) delayed. Critical.

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3.1.2	Ext. 400/220 KV Vapi (PG) S/Stn.	-		Emco	Available	Compltd	Compltd	Compltd				Mar'13	Bay associated with Vapi-Khadoli line charged on 15.09.10. Vapi bay associated with Vapi - Nai Mumbai line test charged in Mar'13.
3.1.3	Ext. 220/66 KV Khadoli (UT & DNH) S/Stn.	-		Shyama Power	Available	Compltd	Compltd	Compltd				Sep'10	Test charged on 15.09.10.
3.1.4	Ext. 400/220 KV Kudus S/Stn. (MSETCL)	-			Available	90%	85%	65%				Dec'17	Work under progress.
3.2	Transmission System Associated with Mundra Ultra Mega Power Proj.		Oct'08/ Mar'16/								Feb'18	Feb'18	
3.2.1	400/220 KV Bachchau S/Stn.	2x315		Siemens	Acquired	Compltd	Compltd	Compltd	2	2		Sep'11	Sub station commissioned with ICT's in Sep'11.
3.2.2	400/220 KV Navsari GIS S/Stn.	2x315		ABB	Acquired	Compltd	Compltd	Compltd	2	2		July'12	Sub station commissioned with both ICT's in July'12.
3.2.3	Extn. 400KV at Boisar S/Stn.			Jyoti	Available	Compltd	Compltd	Compltd				Dec'16	Commissioned in Dec'16 alongwith line.
3.2.4	765/400KV Wardha S/Stn.	3x1500		ABB	Acquired	Compltd	Compltd	Compltd	3	3		Mar'12	Sub station commissioned alongwith I&II ICT's in Feb'12 & IIIRD ICT in Mar'12
3.2.5	400/220 KV Aurangabad S/Stn. & Extn. at 400KV Wardha & Aurangabad (MSETCL) S/stn.	2x315		BHEL	Acquired	98%	100%	98%	2	2		Feb'18	Sub station commisisoned alongwith both ICT's in Jan'14. Balance works under progress. Commissioned matching with line.
3.2.6	Extn. 765KV at Seoni & Wardha S/stn.			ABB	Available	Compltd	Compltd	Compltd				May'12	Bays for Ist Seoni - Wardha line commissioned in Feb'12. & IIIRD Seoni-Wardha 765KV S/C line bay commissioned in May'12.
3.2.7	Extn. 400KV at Limbdi S/stn.			Siemens	Available	Compltd	Compltd	Compltd				Nov'11	Charged in Nov'11.
3.2.8	Extn. 400KV at Ranchorpur S/stn.			Siemens	Available	Compltd	Compltd	Compltd				Sep'11	Charged in Sep'11.
3.2.9	Extn. 400KV Jetpur S/stn.			Areva	Available	Compltd	Compltd	Compltd				Aug'12	Commissioned in Aug'12.
3.2.10	40% Fixed Series Compensation on Wardha - Aurangabad 400KV D/C line.			Alstom	Available	95%	95%	90%				Feb'18	Supply, civil works & erection under progress. Completion matching with Wardha-Aurangabad line.
3.3	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D		Nov'11/ Mar'17								Sep'17	Oct'17	Matching with line.
3.3.1	765/400KV Aurangabad Sub station	2x1500		Alstom	Acquired	Compltd	Compltd	Compltd	2	2		July'14	S/S alongwith Bus Reactor charged through ICT to improve system parameters in Feb'14. ICT-II commissioned in Jul'14. 765KV Wardha bays at Aurangabad commissioned in Jul'14.
3.3.2	Aug. 400/220KV Boisar Sub station	1x500		L&T	Available	Compltd	Compltd	Compltd	1	1		Dec'14	Commissioned in Dec'14
3.3.3	Extn. at 765/400KV Wardha Sub station			Areva	Available	Compltd	Compltd	Compltd				July'14	Commissioned in July'14.

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3.4	System Strengthening in North/West part of WR for IPP Project in Chhattisgarh - E.		Dec'11 / Mar'15/ Mar'17								Dec'17	Dec'17	
3.4.1	765/400KV Padghe S/Stn. GIS	2x1500		NHVS	Acquired	95%	95%	92%	2	2		Dec'17	Supply, civil works & erection under progress.
3.4.2	Extn. at 765/400KV Aurangabad			Alstom	Available	95%	99%	95%				Dec'17	Supply, civil works & erection under progress.
3.4.3	Extn. at 765/400KV Vadodara			NHVS	Available	Compltd	Compltd	Compltd				Jun'15	Commissioned in Jun'15.
3.4.4	Extn. at 400KV Asoj			Alstom	Available	Compltd	Compltd	Compltd				Mar'14	Commissioned in Mar'14.
3.4.5	Extn. at 400KV Padghe S/S. (MSETCL)			Alstom	Available	95%	95%	75%				Dec'17	Engg., civil work , supply & erection under progress. MSETCL S/S at Kudus delayed due to termination of main contract and re-tendered. Critical
3.5	Installation of Transformer & Procurement of Spare Converter Transformer at Bhadrawati HVDC B/B Stn.		Aug'13/ Mar'16								May'18	Aug'17	PROJECT COMPLETED
3.5.1	Extn. at 400/220KV Bhadrawati HVDC B/B Station (1x315)	315			Available	Compltd	Compltd	Compltd	1	1		Mar'15	ICT commissioned in Mar'15.
3.5.2	Procurement of Spare Converter Tfrs - 234MVA, 1-Ph 3 Winding				Available	Compltd	Compltd	Compltd				Aug'17	Completed in Aug'17.
3.6	Transmission System Associated with Mauda Stage-II (2x660MW) Gen. Proj.		Sep'13/ Mar'17								May'17	Jul'17	PROJECT COMPLETED
3.6.1	400/220KV Betul Sub station (GIS)	2x315		Alstom	Available	Compltd	Compltd	Compltd	2	2		Jul'17	Commissioned in Jul'17.
3.6.2	Extn. 400KV Indore & Khandwa S/stn.			KPTL	Available	Compltd	Compltd	Compltd				Jul'17	Indore bay commissioned in Dec'16 & Khandwa in Jul'17.
3.7	Transmission System Associated with KAKRAPAR APP - 3&4		Feb'14/ Mar'17								Apr'17	Apr'17	PROJECT COMPLETED
3.7.1	Extn. at 400/220KV Navsari GIS S/stn.			Alstom	Available	Compltd	Compltd	Compltd				Apr'17	Completed & commissioned in May'17.
3.7.2	Extn. at 400/220 KV Vapi S/stn.			KPTL	Available	Compltd	Compltd	Compltd				Apr'17	Completed & commissioned in May'17.
3.8	Transmission System Associated with LARA STPS - I Gen. Proj. NTPC		Jun'14								Apr'17	Jun'17	PROJECT COMPLETED
3.8.1	Extn. at 400KV Raigarh (Kotra) S/Stn.			Alstom	Available	Compltd	Compltd	Compltd				Apr'16	Commissioned in Apr'16.
3.8.2	Extn. at 400KV Champa S/Stn.			Alstom	Available	Compltd	Compltd	Compltd				Jun'17	Commissioned.
2.9	Sub station extn. for Transmission System associated with Vindhychal - V Project of NTPC (Part-A)		Feb'15								Jul'17	Jul'17	PROJECT COMPLETED
2.9.1	Installation of 1x1500MVA, 765/400KV ICT at Vindhychal Pooling Station.	1500			Available	Compltd	Compltd	Compltd	1	1		Jul'17	Commissioned in Jul'17.
3.10	Transmission System Associated for Solapur STPP (2x660MW) Gen. Proj.		Mar'15								Mar'17	Sep'17	PROJECT COMPLETED
3.10.1	Extn. at 400/220KV Sholapur S/stn.	-		Techno	Available	Compltd	Compltd	Compltd				Sep'17	Commisisoned in Sep'17.

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3.11	Installation of STATCOMs in Western Region		Mar'15								Sep'17	Apr'18	Compln. Sch. - 30 months from IA
3.11.1	Extn. at 400 Aurangabad S/stn.	-		Ronxing/ Techno	Available	85%	85%	60%				Jan'18	Supply, civil work & erection under progress.
3.11.2	Extn. at 400 Gwalior S/stn.	-		Ronxing/ Techno	Available	35%	10%					Apr'18	Engg., supply & civil work under progress.
3.11.3	Extn. at 400 Satna S/stn.	-		Ronxing/ Techno	Available	85%	85%	65%				Jan'18	Award placed in Jun'15. Supply, civil work & erection under progress.
3.11.4	Extn. at 400 Solapur S/stn.	-		Ronxing/ Techno	Available	85%	85%	60%				Jan'18	Award placed in Jun'15. Supply, civil work & erection under progress.
3.12	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - C		Jul'15								Jul'18	Jul'18	
3.12.1	765/400/220KV Bhuj Pool Sub station	2x1500 & 2x500		BHEL	Acquired	65%	60%	15%				Jul'18	Engg. supply, civil work & erection under progress.
3.12.2	Extn at 765/400KV Banaskantha S/stn.			BHEL	Available	30%	40%					Jul'18	Engg., supply & civil work under progress.
3.13	Transmission System for Ultra mega Solar Park in Rewa District, Madhya Pradesh .		Jan'16/ Mar'17								Oct'17	Nov'17	
3.13.1	400/220KV Rewa Pooling Station	3x500		Alstom	Acquired	95%	85%	75%	2	1		Nov'17	Supply, civil work & erection under progress.
3.14	Transmission System Strengthening Associated with Mundra UMPP (Part-A)		Jan'16								Jul'18	Nov'17	
3.14.1	Extn. at 400KV Bachau Sub Station			Techno	Available	95%	95%	90%				Nov'17	Supply, civil work & erection under progress. Efforts are being made completion earlier.
3.15	Western Region Strengthening Scheme - XIV		Jan'16								Jul'18	Jul'18	
3.15.1	Extn. at 400/220KV Indore S/stn.	2x500		Techno	Available	85%	65%	50%				Jul'18	Engg., supply, civil work & erection under progress.
3.15.2	Extn. at 400/220KV Itarsi S/stn.	1x500		Techno	Available	Compltd	Compltd	Compltd	1	1		Jul'17	Commissioned in Jul'17.
3.16	Western Region Strengthening Scheme - XV		Apr'16								Feb'18	Feb'18	Compln Sch. : 22 months from IA. (under TBCB)
3.16.1	Extn. at 765KV Solapur S/stn.	-		Techno	Available	65%	55%	5%				Jan'18	Engg., supply, civil work & erection under progress.
3.16.2	Extn. at 400KV Parli Switching Station.	-		Techno	Available	75%	65%	25%				Feb'18	Engg., supply, civil work & erection under progress.
3.17	POWERGRID work associated with Part-A of Trans. System for Gadawara STPS of NTPC.		Apr'16								May'17	May'17	PROJECT COMPLETED
3.17.1	Extn. at 765KV Jabalpur Pooling Station.	-		Techno	Available	Compltd	Compltd	Compltd				May'17	Commissioned in May'17.
3.18	Sub station extn. for Trans. System associated with Vindhyachal-V project of NTPC (Part-B)		Apr'16								Jun'18	Jun'18	Compln Sch. : 27 months from IA. (under TBCB)
3.18.1	Extn. at 765KV Vindhyachal Pooling Stn.	-		Techno	Available	65%	60%	10%				Jun'18	Engg., supply, civil work & erection under progress.
3.18.2	Extn. at 765KV Jabalpur Pooling Station.	-		Techno	Available	70%	65%	10%				Jun'18	Engg., supply, civil work & erection under progress.

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3.19	PG works associated with System Strengthening for IPP's in Chattisgarh and other Gen. Proj. in WR		Jul'16								Mar'19	Mar'19	Commisioning progressively matching with TBCB lines.
3.19.1	Extn. at 765/400 KV Vindhyachal Pooling Station. (765KV Bay)	-		ABB	Available	60%	30%	2%				Nov'18	Engg., supply, civil work & erection under progress.
3.19.2	Extn. at 765/400 KV Vindhyachal Pooling Station. (400KV Bays)	-		ABB	Available	50%	25%	5%				Jan'19	Engg., supply, civil work & erection under progress.
3.19.3	Extn. at 400 KV Gwalior (GIS)	-		Hysoung / L&T	Available	30%	20%	5%				May'18	Award placed in Jul'16. Engg., supply, civil work & erection under progress.
3.19.4	Extn. at 765/400 KV Pune GIS (765KV Bay).	-		Hysoung / L&T	Available	65%	90%	5%				Mar'19	Award placed in Jul'16. Engg., supply, civil work & erection under progress.
3.19.5	Extn. at 765/400 KV Champa Pooling Station. (765KV Bays)	-		ABB	Available							Nov'18	Award placed in Jul'16. Engg. in progress.
3.19.6	Extn. at 765/400 KV Raigarh Pooling Stn. (765KV Bay).	-		ABB	Available	40%	10%	5%				Nov'18	Award placed in Jul'16. Engg., supply, civil work & erection under progress.
3.19.7	Extn. at 765/400 KV Dharamjaigarh Pooling Station. (765KV Bays)	-		ABB	Available	45%	10%	5%				Nov'18	Award placed in Jul'16. Engg., supply, civil work & erection under progress.
3.20	Transmission System Strengthening Associated with Mundra UMPP (Part-B)		Jul'16								Dec'18	Dec'18	Compln Sch. : 29 months from IA.
3.20.1	Extn. at 400KV Bhuj Pooling Station			Shyam Indus	Available	45%	20%					Dec'18	Award placed in Sep'16. Engg., supply & civil work under progress.
3.20.2	Extn. at 400KV Mundra UMPP Sw. Yd.			Shyam Indus	Available	25%	5%					Dec'18	Award placed in Sep'16. Engg., supply & civil work under progress.
3.21	Western Region Strengthening Scheme - XVI		Jul'16								Jul'18	Jul'18	Compln Sch. : 24 months from IA.
3.21.1	Extn. at 400/220KV Parli Switching stn.	2x500		Shyam Indus	Available	30%	25%	5%				Jul'18	Work under progress. Availability of down stream network by MSETCL. Critical
3.21.2	Extn. at 400KV Satna Sub Station.	1x500		Shyam Indus	Available	95%	95%	85%				Nov'17	Efforts being made to complete in FY 2017-18.
3.21.1	Extn. at 400/220KV Maupsa Sub Station.	-		Shyam Indus	Available	40%	30%					Jul'18	Award placed in Sep'16. Engg.,supply & civil work under progress.
3.21.2	Extn. at 400KV Indore Sub Station.	-		Shyam Indus	Available	60%	40%	10%				Jul'18	Award placed in Sep'16. Engg., supply, civil work & erection under progress.
3.23	Trans. System associated with DGEN TPS of Torrent Power Ltd.		Jul'16								May'18	May'18	Compln Sch. : May 2018matching with TBCB lines.
3.22.1	Extn. at 765/400KV Vadodara Sub Stn. (Installation 125 MVAR BR)	-		L&T	Available	50%						May'18	Work under progress. Associated line readiness through TBCB route is critical.
3.22.2	Extn. at 400KV Vadodara GIS Sub Stn.	-		L&T	Available	45%	25%	5%				May'18	Work under progress. Associated line readiness through TBCB route is critical.
3.22.3	Extn. at 220KV Novsari (GIS) Sub Stn.	-		L&T	Available	45%	30%					May'18	Work under progress. Associated line readiness through TBCB route is critical.
3.23	POWERGRID work associated with Additional System Strengthening for Sipat STPS.		Jul'16								Mar'19	Mar'19	Compln Sch. : Nov'18 to Mar 2019 progressively matching with TBCB lines.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	ईरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
3.23.1	Extn. at 765/400KV Bilaspur Pooling Stn. (765KV bay & 240 MVAR 765KV Switchable line reactor)	-		ABB	Available	55%	20%	5%				Mar'19	Award placed in Jul'16. Engg., supply, civil work & erection under progress.
3.24	POWERGRID work associated with Additional System Strengthening for Chattisgarh IPP's (Part-B).		Jul'16								Nov'18	Nov'18	Compln Sch. : Nov'18 matching with TBCB lines.
3.24.1	Extn. at 765/400KV Raipur Pooling Stn. (765KV bay)	-		ABB	Available	40%	15%	5%				Nov'18	Award placed in Jul'16. Engg., supply, civil work & erection under progress.
3.25	Western Region Strengthening Scheme - XVII		Feb'17								Sep'19	Sep'19	Compln Sch. : 31 month from IA.
3.25.1	Extn. at 765/400KV Pune Sub station (GIS)	-			Available							Sep'19	Award placed in Mar'17. Engg. in progress.
3.25.2	Extn. at 400KV Itarsi Sub station	-			Available	5%						Sep'19	Award placed in Feb'17. Engg. & civil works under progress.
3.25.3	Extn. at 400KV Indore S/stn. (MPPTCL)	-			Available	5%						Sep'19	Award placed in Feb'17. Engg. & civil works under progress.
3.25.4	Extn. at 400KV Shujalpur Sub station	-			Available							Sep'19	Award placed in Feb'17. Engg. in progress.
3.25.5	Extn. at 400KV Bhadravati Sub station	-			Available	5%						Sep'19	Award placed in Feb'17. Engg. & civil works under progress.
3.25.6	Extn. at 400/220KV Khandwa S/stn. (3rd ICT)	500			Available	5%						Sep'19	Award placed in Feb'17. Engg. & civil works under progress.
3.25.7	Extn. at 400/220KV Boisar S/stn. (4th ICT)	500			Available	5%						Sep'19	Award placed in Feb'17. Engg. & civil works under progress.
3.25.8	Extn. at 400/220KV Kala S/stn. (3rd ICT)	500			Available	5%						Sep'19	Award placed in Feb'17. Engg. & civil works under progress.
3.25.9	Extn. at 400/220KV Dehgam S/stn. (3rd ICT)	500			Available	5%						Sep'19	Award placed in Feb'17. Engg. & civil works under progress.
3.26	Western Region Strengthening Scheme - XVIII		Feb'17								Feb'20	Feb'20	Compln Sch. : 36 month from IA.
3.26.1	Extn. at 765/400KV Dharamjaygarh Pool.	-			Available	2%						Feb'20	Award placed in Mar'17. Engg. & civil works under progress.
3.26.2	Extn. at 765/400KV Raigarh Pool (Kotra).	-			Available	2%						Feb'20	Award placed in Mar'17. Engg. & civil works under progress.
3.26.3	Extn. at 765/400KV Champa Pool .	-			Available							Feb'20	Award placed in Mar'17. Engg. in progress.
3.27	POWERGRID work associated with Transmission System Strengthening in WR associated with Khargaon TPS.		Feb'17								Jul'19	Jul'19	Compln Sch. : Feb'18 to Jul'19 matching with TBCB lines.
3.27.1	Extn. at 765/400KV Indore Sub station.	-			Available	5%						Jul'19	Award placed in Mar'17. Engg. & civil work under progress.
3.27.2	Extn. at 765/400KV Rajgarh Sub station.	-			Available	15%	5%					Feb'18	Award placed in Mar'17. Engg., supply & civil work under progress.
3.28	Transmission System for Ultra Mega Solar Power Park at Banaskantha (Radhanesda) Gujarat.		May'17								Sep'18	Sep'18	Compln Sch. : 16 months from IA.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
3.28.1	Extn. at 765/400KV Banaskantha Sub station.	-			Available							Sep'18	Award placed in May'17. Engg. in progress.
4.0	SOUTHERN REGION												
4.1	Kundankulam - APP Transmission System		May'05/ Jan'15/ Mar'17								Sep'18	Sep'18	Matching with line expected by Sep'18.
4.1.1	400/220 KV Muvattapuzha S/S	2x315		Jyoti	Acquired	Compltd	Compltd	Compltd	2	2		Nov'11	Commissioned.
4.1.2	Ext. 400 KV North Trichur (PG)			Jyoti	Available	Compltd	Compltd	Compltd	-	-		Nov'11	Commissioned.
4.1.3	400/220 KV Tirunelveli Sub station	2x315		CGL	Acquired	Compltd	Compltd	Compltd	2	2			Commissioned
4.1.4	Extn. 400/220 KV Udumalpet (PG)	1x315		Jyoti	Acquired	Compltd	Compltd	Compltd	1	1			Commissioned
4.1.5	Extn. 400/220KV Trivandrum (PG)	1x315		Jyoti	Acquired	Compltd	Compltd	Compltd	1	1			Commissioned
4.2	System Strengthening - XII of SR		Feb'10								Jun'12	Dec'17	
4.2.1	400/220KV Yelahanka Sub station (GIS)	2x500		Siemens	Acquired	99%	99%	98%	2	2		Dec'17	Completion matching with line. Uncertain
4.3	Common System Associated with Costal Energen Private Ltd and Ind-Barath Power Ltd. (LTOA) Gen. Proj. in Tuticorin area Part - B.	-	Sep'11/ Feb'17								Jun'17	Dec'17	
4.3.1	765/400KV Salem Pooling station (initially charged at 400KV)			EMC	Acquired	Compltd	Compltd	Compltd				Oct'16	Commissioned in Oct'16.
4.3.2	Extn. at 765/400KV Tuticorin Pooling Stn			EMC	Available	Compltd	Compltd	Compltd				Nov'16	Commissioned in Nov'16.
4.3.3	Extn. at 400/220 KV Madhugiri sub Stn			EMC	Available	95%	95%	95%				Dec'17	Completion matching with line.
4.3.4	Extn. at 400/220KV Salem Sub station			EMC	Available	Compltd	Compltd	Compltd				Oct'16	Commissioned in Oct'16.
4.4	System Strengthening - XIII of SR Grid		Oct'11/ Nov'15/ Mar'17								Mar'18	Jun'18	
4.4.1	400/220KV Madhugiri Sub station	2x500		KEC	Available	Compltd	Compltd	Compltd	2	2		Nov'15	Sub station commissioned in Nov'15.
4.4.2	Extn. at 400/220KV Gooty S/stn.			KEC	Available	Compltd	Compltd	Compltd				Nov'15	Commisisoned in Nov'15.
4.4.3	Extn. at 400/220KV Yelahanka GIS S/s.			Siemens	Available	80%	95%	90%				Jun'18	Completion matching with line.
4.5	System Strengthening in SR - XIV		Dec'11/ Feb'15/ Mar'17								Dec'17	Dec'17	
4.5.1	Aug. of Hosur Sub sttaion	1x315		L&T	Available	Compltd	Compltd	Compltd	1	1		Feb'14	ICT commissioned in Feb'14.
4.5.2	Extn. at 400/220KV Somanahalli S/stn.			L&T	Available	98%	98%	98%				Dec'17	Work almost completed. Completion matching with line.
4.5.3	Extn. at 400/220KV Dharmapuri (Salem New) S/stn.			L&T	Available	99%	99%	98%				Dec'17	Work almost completed. Completion matching with line.
4.6	System Strengthening in SR - XX	5870	Aug'14/ Dec'16								Jun'17	Mar'18	
4.6.1	Extn. at 400/220/33KV Hyderabad Sub station	500		Alstom	Available	Compltd	Compltd	Compltd	1	1		Feb'17	Commissioned in Feb'17.
4.6.2	Extn. at 400/220/33KV Warangal Sub station	500		Alstom	Available	85%	65%	37%				Mar'18	Work under progress. Transformer supply delayed

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	ईरैक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
4.6.3	Extn. at 400/220/33KV Khammam Sub station	500		Alstom	Available	75%	62%	57%				Mar'18	due to failure in testing.
4.6.4	Extn. at 400/220/33KV Vijayawada Sub station	500		Alstom	Available	Compltd	Compltd	Compltd	1	1		Mar'17	Commissioned in Mar'17.
4.6.5	Extn. at 400/220/33KV Gooty Sub station	500		Alstom	Available	80%	60%	57%				Mar'18	Work under progress. Transformer supply delayed due to failure in testing.
4.6.6	Extn. at 400/220/33KV Cuddapa Sub station	500		Alstom	Available	72%	62%	57%				Mar'18	
4.6.7	Extn. at 400/220/33KV Malekuttaiyur S/stn.	500		Emco	Available	Compltd	Compltd	Compltd	1	1		Mar'16	Commissioned in Mar'16.
4.6.8	Extn. at 400/220/33KV Somanahalli S/stn.	500		Emco	Available	Compltd	Compltd	Compltd	1	1		Aug'16	Commissioned in Aug'16.
4.6.9	Extn. at 400/220/33KV Mysore S/stn.	500		Emco	Available	Compltd	Compltd	Compltd	1	1		Sep'16	Commissioned in Sep'16.
4.6.10	Extn. at 400/220/33KV Pugalur S/stn.	500		Emco	Available	Compltd	Compltd	Compltd	1	1		Mar'17	Commissioned in Mar'17.
4.6.11	Extn. at 400/220/33KV Trichy S/stn.	500		Emco	Available	Compltd	Compltd	Compltd	1	1		Jun'17	Commissioned in Jun'17.
4.6.12	Repl. Of existing 2x315 Tfr. To 2x500 MVA at 400/220KV Narendra S/stn.	370		Emco	Available	60%	50%	50%	1			Oct'17	Supply, civil work & erection under progress.
4.6.13	Extn. at 400/220KV at Trissur S/stn. (Conversion line reactors)	-		Emco	Available	Compltd	Compltd	Compltd				Mar'17	Commissioned in Mar'17.
4.7	Common Transmission Scheme Associated with ISGS Projects in Nagapattinam/ Cuddalore area of Tamil Nadu - Part-A1 (b)		Nov'14/ Mar'17								May'17	Mar'18	
4.7.1	Extn. at 02 nos bays at 400KV Nagapattinam Pooling Station (GIS) (provision one 63 MVAR Line Reactor.)	-		Mac Nally	Available	Compltd	Compltd	Compltd				Oct'16	Commissioned in Oct'16.
4.7.2	Extn. at 02+01 nos bays at 400KV New Salam (Dharmapuri) (provision one 63 MVAR Line Reactor.)	-		Mac Nally	Available	Compltd	Compltd	Compltd				Mar'18	Nagapattinam bay commissioned in Oct'16. Balance Madhugiri bay completed. Commissioning matching with TBCB line (ant. by Mar'18).
4.7.3	Extn. at 01 non bay at 400KV Madhugiri S/stn.	-		Mac Nally	Available	Compltd	Compltd	Compltd				Mar'18	Work completed. Matching with TBCB line.
4.8	System Strengthening in Southern Region - XXIII		Jan'15/ Mar'17								Jul'17	Dec'17	
4.8.1	Extn. at 400/220KV Madurai Sub station	500		CGL	Available	Compltd	Compltd	Compltd	1	1		Dec'16	Commissioned in Dec'16.
4.8.2	Extn. at 400/220KV Somanahalli S/stn. (Replacement of 7x167MVA ICT's at 2x500MVAR)			CGL	Available	Compltd	Compltd	Compltd				Mar'17	Commissioned in Mar'17.
4.8.3	Extn. at 400KV bus Reactor at Gooty, Hassan, Khammam, Trivandrum, Nellore (existing), Narendra and Nagarjunsagar S/stn. (1x125 MVAR Bus Reactor)			CGL	Available	Compltd	Compltd	Compltd				Mar'17	All extns. Commissioned progressively from Dec'16 to Mar'17.
4.8.4	Extn. at 400KV bus Reactor at Yelahanka S/stn. (2x63 MVAR)											Dec'17	As per 40th meeting of Standing Committee of Power System held on 19.11.16. Procurement shall be taken up after resolution of ROW issue of LILO line at Yelahanka.
4.9	Sub station works associated with Hyderabad (Maheshwaram) Pooling Station		Mar'15								Mar'18	Sep'17	PROJECT COMPLETED

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	ईरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
4.9.1	765/400KV Hyderabad (Maheshwaram) Station (GIS) (with 02 nos. 240 MVAR, Bus Reactor)	2x1500		L&T / Hysoung	Acquired	Compltd	Compltd	Compltd	2	2		Sep'17	Sub station alongwith ICT-I commissioned in Jul'17. ICT-II commissioned in Sep'17.
4.10	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-A (Phase-I)		Mar'15/ Mar'17								May'17	Jun'17	PROJECT COMPLETED
4.10.1	400/220KV NP Kunta Pooling Station (with 01 nos. 125 MVAR, Bus Reactor)	3x500		Mega Engg.	Acquired	100%	100%	100%	3	3		Jul'16	ICT-I alongwith LILO line commissioned in Apr'16 & ICT - II & III in Jul'16.
4.10.2	+/- 100 MVAR STATCOM at NP Kunta PS.	-			Available	100%	100%	100%				Jun'17	Commissioned in Jun'17
4.11	System Strengthening - XXIV in Southern Region		Jan'16								Jul'18	Jul'18	
4.11.1	765/400KV Cuddapah Sub station	2x1500		Piggao	Acquired	60%	50%	30%				Jul'18	Engg. & civil work under progress. Efforts being made for priority 400KV portion matching with NP Kunta Gen. Ph-III (now expected in Mar'18).
4.11.2	Extn at 400KV Hindupur S/stn.											Jul'18	To be implemented by APTRANSCO.
4.12	Connectivity for Kudankulam 3&4 with Inter-state Transmission system		Jan'16								May'18	Dec'17	
4.12.1	Extn at 400KV Tuticorin Pooling Stn.			Techno	Available	100%	100%	100%				Dec'17	Bay ready for commissioning. Matching with line.
4.13	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-B (Phase-II)	-	Jan'16								Jul'18	Jul'18	
4.13.1	Extn. at 400/220KV NP Kunta Sub Station			Techno	Available	59%	45%	5%				Jul'18	Engg.. Supply, civil work & erection under progress.
4.14	Removal of Constraints in 400KV Bays Extn. at 400KV Vemagiri S/stn.	-	Jan'16								Jul'18	Jul'18	
4.14.2	Extn. at 400KV Vemagiri S/stn. (PG)			Piggao	Available	90%	70%	65%				Jul'18	Supply, civil work & erection under progress. Efforts being made to complete in FY 2017-18 in view of system requirement.
4.14.3	Shifting of 2 nos. 63 MVAR reactor from Gazuwaka to Vemagiri-II (PG) for utilization on Simahadiri-II - Vemagiri-II (PG) 400KV D/C line.	-		Piggao	Available	80%	100%	40%				Jul'18	Award placed in May'16. Work under progress. Efforts being made to complete in FY 2017-18 in view of system requirement.
4.15	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) - Phase-I	-	Apr'16								Dec'18	Dec'18	
4.15.1	400KV Tumkur (Pavagada) Pooling Station	3x500		L&T	Acquired	60%	80%	50%	1			Dec'18	Efforts being made to complete early matching with Generation of Phase-I.
4.15.2	Extn. at 400/220KV Hiriur Sub station			L&T	Available	55%	75%	10%				Dec'18	Award placed in Apr'16. Engg., supply, civil work & erection under progress.
4.16	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-C (Phase-III)	-	Apr'16								Nov'17	Nov'17	

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाइ Supply (Nos)	ईरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
4.16.1	Extn. 400/220KV NP Kunta Sub Station	500		Techno	Available	57%	35%	20%				Nov'17	Engg., supply, civil work & erection under progress.
4.17	Provision of Line Bays for the Scheme - Connectivity Line for Maheshwaram (Hyderabad) 765/400KV PS.		Jul'16								Jan'18	Jan'18	Compln Sch. : 18 months from IA.
4.17.1	Extn. at 765/400KV Maheshwaram (PG) PS			Hyosung/ L&T	Available	95%	98%	98%				Jan'18	Work under progress. Efforts being made for earlier completion in Q-III.
4.17.2	Extn. at 400/220KV Nizamabad (PG) Station				Available	Compltd	Compltd	Compltd				Mar'17	Ready for commissioning. Matching with TBCB line.
4.18	System Strengthening in SR - XXI		Sep'16								Mar'19	Mar'19	
4.18.1	STATCOM in 400/220KV Hyderabad S/S.	-		Hysoung/ L&T	Available							Mar'19	Award placed in Mar'17. Engg. in progress.
4.18.2	STATCOM in 400/220KV Udumalpet S/S.	-		Hysoung/ L&T	Available							Mar'19	Award placed in Mar'17. Engg. in progress.
4.18.3	STATCOM in 400/220KV Trichy S/S.	-		Hysoung/ L&T	Available							Mar'19	Award placed in Mar'17. Engg. in progress.
4.19	Augmentation of Transformation Capacity in Southern Region		Oct'16								Apr'19	Apr'19	
4.19.1	Extn at 400/230KV Arasur Sub station	1x500		TBEA	Available	15%						Apr'19	Award placed in Nov'16. Engg. & civil work under progress.
4.19.1	Extn at 400/230KV Karaikudi Sub station	1x500		TBEA	Available	20%						Apr'19	Award placed in Nov'16. Engg. & civil work under progress.
4.19.1	Extn at 400/230KV Tirunelveli Sub station	1x500		TBEA	Available	5%						Apr'19	Award placed in Nov'16. Engg. & civil work under progress.
4.19.1	Extn at 400/230KV Pondicherry Sub station	1x500		TBEA	Available	8%						Apr'19	Award placed in Nov'16. Engg. & civil work under progress.
4.19.1	Extn at 400/220KV Kozhikode Sub station	1x500		TBEA	Available	25%						Apr'19	Award placed in Nov'16. Engg. & civil work under progress. ICT in transit.
4.20	S/S work associated with Strengthening of Trans. System beyond Vemagiri.		Oct'16								Apr'19	Apr'19	Compln Sch. : 30 months from IA Or Matching with TBCB lines.
4.20.1	Extn at 765KV Vemagiri Pooling Station - II			Hyosung/ L&T	Available	10%						Apr'19	Award placed in Oct'16. Engg. & civil work under progress.
4.20.2	Extn at 765KV Cuddapah Sub Station			Pinggao/ TATA	Available	10%						Apr'19	Award placed in Oct'16. Engg. & civil work under progress.
4.20.3	Extn at 400KV Madhugiri Sub Station			TBEA	Available	8%						Apr'19	Award placed in Dec'16. Engg. & civil work progress.
4.20.4	Extn at 400KV Srikakulam Sub Station			TBEA	Available	10%						Apr'19	Engg. & civil work under progress. Efforts being made complete earlier in view of system requirement.
4.21	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka - Phase-II (Part-A)		Oct'16								Jan'19	Jan'19	
4.21.1	Extn at 400/220KV Tumkur (Pavagada) Pooling Station	2x500		BHEL	Available	2%						Jan'19	Award placed in Dec'16. Engg. & civil work under progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
4.21.2	Extn at 400/220KV Tumkur (Vasantnarsapur) Sub Station	1x500		BHEL	Available	2%						Jan'19	Award placed in Dec'16. Engg. & civil work under progress.
4.21.1	Extn at 400/220KV Mysore Substation	-		BHEL	Available	1%						Jan'19	Award placed in Dec'16. Engg. & civil work under progress.
4.22	Conversion of Fixed Line Reactors to Switchable Line Reactors in Southern Region.		Feb'17								Aug'18	Aug'18	
4.22.1	Bay extn. at Hyderabad (2 nos), Nellore, Triuvellam, Sriperumbadur (2 Nos.), Udumalpet, Maduri (2 nos), Kochi, Tirunelveli, Trichy (2 nos.), Salam and Gooty Sub station.			KSA		4%						Aug'18	Award placed in Mar'17. Engg. & civil work under progress.
4.23	S/S work associated with Additional Inter-Regional AC link for Import in to Southern Region i.e. Warora-Warangal and Chilakaluripeta-Hyderabad-Kurnool 765KV Link.		Mar'17								Nov'19	Nov'19	
4.23.1	Extn at 765/400KV Hyderabad (Maheshwaram) GIS S/S.			Hysoung	Available							Nov'19	Award placed in Mar'17. Engg. in progress.
4.23.2	Extn at 765/400KV Kurnool S/S.			L&T	Available							Nov'19	Award placed in Mar'17. Engg. in progress.
4.23.3	Extn at 765/400KV Warangal S/S.			L&T	Available							Nov'19	Award placed in Mar'17. Engg. in progress.
4.24	Installation of Bus Reactors at Cuddapah, Nellore, Kurnool, Raichur and Tiruvalam		Mar'17								Jun'19	Jun'19	
4.24.1	Extn at 400/220KV Cuddapah Sub station.			KEC	Available							Jun'19	Award placed in Mar'17. Engg. in progress.
4.24.2	Extn at 765/400KV Kurnool Sub station.			KEC	Available							Jun'19	Award placed in Mar'17. Engg. in progress.
4.24.3	Extn at 765/400KV Nellore PS.			KEC	Available							Jun'19	Award placed in Mar'17. Engg. in progress.
4.24.4	Extn at 765/400KV Raichur Sub station.			KEC	Available							Jun'19	Award placed in Mar'17. Engg. in progress.
4.24.5	Extn at 765/400KV Thiruvalam Sub station.			KEC/ TBEA	Available	2%						Jun'19	Award placed in Mar'17. Engg. & civil work progress.
4.25	HVDC Bipole link between Western Region (Raigarh, Chattisgarh) and southern Region (Pugalur, TM) - North Trichur (Kerala) - Scheme-III : Pugalur - Trichur 2000 MW VSC based HVDC System		Feb'17								Apr'20	Apr'20	Compln Sch. : 38 months from IA. (ADB Funded).
4.25.1	+/- 320KV VSC based HVDC Terminal at Pugalur (2000MW)	2000MW										Apr'20	Award placed in Mar'17. Engg. in progress.
4.25.2	+/- 320KV VSC based HVDC Terminal at North Trichur (2000MW)	2000MW & 630										Apr'20	Award placed in Mar'17. Engg. in progress.
4.26	Transmission System for evacuation of power from Neyveli Lignite Corp. Ltd. TS-1 (Replacement) (NNTPS) in Neyveli, Tamil Nadu.		May'17								Jul'19	Jul'19	Compln. Sch. - 13-26 months from IA or matching with Generation.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
4.26.1	Extn at 400KV Ariyalur (Villupuram) S/stn. (TANTRANSCO) scope				Available							Jul'19	Award under progress.
4.27	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka - Phase-II (Part-B)		May'17								Feb'19	Feb'19	Compln. Sch. - 21 months from IA . ADB Funding
4.27.1	Extn at 400/220KV Tumkur (Pavagada) Pooling Station.				Available							Feb'19	Award placed in Jul'17. Engg. in progress.
4.27.2	Extn at 400/220KV Devanahally (KPTCL) Sub Station.				Available							Feb'19	Deposit work by KPTCL.
4.28	HVDC Bipole link between Western Region (Raigarh, Chattisgarh) and southern Region (Pugalur, TM) - North Trichur (Kerala) - Scheme-II : AC System Strengthening at Pugalur end.		Aug'17								Feb'20	Feb'20	Compln. Sch. - 30 months from IA . ADB / AIIB funding.
4.28.1	Extn at 400KV Pugalur GIS.				Available							Feb'20	Award under progress.
4.28.2	Extn at 400KV Pugalur (eisting) Sub Station.				Available							Feb'20	Award under progress.
4.28.3	Extn at 400KV Arasur Sub Station.				Available							Feb'20	Award under progress.
4.28.4	Extn at 400KV Thiruvallur Sub Station.				Available							Feb'20	Award under progress.
4.28.5	Extn at 400KV Udumulpur Sub Station.				Available							Feb'20	Award under progress.
4.28.6	Extn at 400KV Edayarpalayam (TANTRANSCO) Sub Station.				Available							Feb'20	Deposit work basis.
5.0	EASTERN REGION												
5.1	Transmission System for Development of Pooling Station in Northern region Part of West Bengal and Transfer of Power from BHUTAN to NR/WR.		April'10/ Mar'17								Mar'18	Mar'18	Matching with line
5.1.1	400/220KV HVAC & 3000MW +/-800KV HVDC New Pooling Station in Alipurduar	2x315		ABB	Acquired	Compltd	Compltd	Compltd	4	4		Sep'17	Pole-III & both ICT's (2x315)MVA charged in Mar'17. Pole-III & IV commissioned in Sep'17. ICT's HVAC commissioned in Sep'17.
5.1.2	Extn. of +/- 800KV HVDC at Agra with 3000MW.			ABB	Available	Compltd	Compltd	Compltd	4	4		Mar'18	
5.2	Eastern Region Strengthening Scheme - III		July'10/ Mar'17								Dec'17	Dec'17	
5.2.1	400/220 KV Daltonganj	2x315		Alstom	Acquired	70%	80%	30%				Dec'17	Award placed in May'16 after re-tendering. Engg., supply, civil works & erection under progress. Due to delay in handing over land, M/s Alstom not agree to take up the work. Down stream network also delayed by JSTCL.
5.2.2	400/220 KV Bolangir	2x315		KEC	Available	Compltd	Compltd	Compltd	2	2		Oct'12	Sub station with ICT-I commissioned in Aug'12 & ICT-II in Oct'12.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	ईरैक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
5.2.3	400/220 KV Keonjhar	2x315		KEC	Available	Compltd	Compltd	Compltd	2	2		Feb'13	Sub station commissioned alongwith ICT-I in Jan'13 & ICT-II in Feb'13.
5.2.4	400/220 KV Chaibasa	2x315		EMC	Acquired	Compltd	Compltd	Compltd	2	2		Jan'15	Sub station commissioned alongwith ICT-I in Nov'14 & ICT-II commissioned in Jan'15.
5.2.5	400/220 KV Uttara (Pandiabil)	2x500		Hysoung	Acquired	Compltd	Compltd	Compltd	2	2		Jun'16	Sub station completed in Jun'16. Commissioned in Jul'16
5.2.6	400/132 KV Lakhisarai	2x200		GET	Acquired	Compltd	Compltd	Compltd	2	2		May'14	ICT-I commissioned in Mar'14. ICT-II commissioned in May'14.
5.2.7	400/132 KV Banka	2x200		GET	Available	Compltd	Compltd	Compltd	2	2		Dec'12	Sub station commissioned with ICT-I in Nov'12 & ICT-II in Dec'12.
5.2.8	Extn. at 400KV Sasaram S/stn.			GET	Available	92%	80%	65%				Dec'17	Award placed in Feb'11. Supply, civil works & erection under progress.
5.2.9	Extn. at 400KV Dubri & Mendhasal S/Stn. (OPTCL)			KEC	Available	Compltd	Compltd	Compltd				Aug'15	Reactor at Dubri commissioned in Mar'14. Mendhasal scope deleted. Bay at Dubri commissioning in Aug'15.
5.3	Split Bus Arrangement for avrious Sub Stations in Eastern Region	-	Mar'13/ Jan'16								Mar'16	Sep'17*	* Matching with line.
5.3.1	Splitting arrangement with tie line breaker for 400KV Maithon & Durgapur S/stn.			BHEL	Available	Compltd	Compltd	Compltd				Jan'16	Extn. at Durgapur completed in Oct'15. Balance work completed in Jan'16.
5.3.2	Splitting arrangement with tie line breaker for 400KV Biharshariff Sub station			BHEL	Available	Compltd	Compltd	Compltd				May'17	Commissioned in May'17.
5.4	Eastern Region Strengthening Scheme-V		Oct'13/ Mar'17								Sep'17	Mar'18*	* Matching with line.
5.4.1	400/220KV Rajarhat S/Stn. (GIS)	2x500		Siemens	Acquired	90%	95%	85%	2	2		Dec'17	Work under completion. However, work standstill due to severe ROW problem in last one month & protest by locals, who are not allowing to enter in Rajarhat S/S. Land acquired in Feb'14.
5.4.2	Extn at 400KV Farakka S/stn.			Sterling & Willson	Available	Compltd	Compltd	Compltd				Mar'17	Commissioned in Mar'17.
5.4.3	Extn at 400KV Gokarna S/stn.				Available	Compltd	Compltd	Compltd				Mar'17	Commissioned in Mar'17.
5.5	Eastern Region Strengthening Scheme-IX		Feb'14/ Mar'17								Aug'17	Dec'17	
5.5.1	Installation of 125 MVAR Bus Reactor at Gazwaka (1 no.), Rengali (2 nos.), Maithon (1 no.), Biharshariff (1 no.), Jamshedpue (2 nos.), Rourkela (1 no.) and Durgapur (2 nos.) Converting 2x80 MVAR LR at Gorakhpur end of Barh-II - Gorakhpur 400KV D/C line to 2x80MVAR Switchable LR.			BHEL	Available	87%	85%	70%				Nov'17	IInd Reactor at Durgapur charged in Dec'16. Line Reactor at Gorakhpur commissioned in Feb'17 & BR at Rengali & Gazwaka in Aug'17. Rengali (2 nos. BR commissioned in Aug'17. Supply, Civil work & erection under progress.
5.5.2	ICT at 400/220KV at Muzaffarpur S/S.	500		Toshiba	Available	Compltd	Compltd	Compltd	1	1		Dec'15	Commissioned in Dec'15.
5.5.3	ICT at 220/132KV at Ara S/stn.	160		Toshiba	Available	Compltd	Compltd	Compltd	1	1		Dec'15	Commissioned in Dec'15.
5.5.4	Repl. 2 nos. ICT's, 500MVA to 315 MVA at 400/220KV Maithon S/stn.	370		Toshiba	Available	75%	50%	48%	1	1		Oct'17	ICT-I commissioned in Sep'16. Balance work under progress. ICT under supply.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
5.5.5	Procur. 500MVA ICT at 765/400KV Gaya S/stn.			Alstom	Available	100%						Dec'17	ICT expected to be dispatched by Dec'17.
5.6	Eastern Region Strengthening Scheme-XII	2100	May'14/ Mar'17								Nov'17	Mar'18	
5.6.1	Installation of 125 MVAR Bus Reactor at Baripada (1 no.) & Maithon (1 no.) with GIS bays. Conversion of 50 MVAR LR, presently installed at Jeerat end of Baharampur - Jeerat 400KV line as BR in parallel with existing BR at Jeerat.			Hysoung & L&T	Available	Compltd	Compltd	Compltd				Nov'16	Conversion of Line reactor at Jeerat commissioned in Aug'16, Baripada commissioned in Oct'16 & Maithon in Nov'16.
5.6.2	Addition of 500MVA ICT at 400/220KV Baripada S/stn.	500		Alstom	Available	Compltd	Compltd	Compltd	1	1		Sep'16	Commissioned in Sep'16.
5.6.3	Repl. 2 nos. ICT's, 315MVA to 500MVA at 400/220KV Purnea S/stn.	370		Alstom	Available	Compltd	Compltd	Compltd	2	2		Sep'16	ICT- I commissioned in Jul'15 & ICT-II in Sep'16
5.6.4	Repl. 2 nos. ICT's, 315MVA to 500MVA at 400/220KV Pusali S/stn.	370		Alstom	Available	75%	65%	55%	1	1		Mar'18	ICT- I commissioned in Mar'16. Balance work under progress. Transformer supply delayed due to failure in testing.
5.6.5	Repl. 2 nos. ICT's, 315MVA to 500MVA at 400/220KV Patna S/stn.	370		Alstom	Available	65%	70%	55%	1	1		Mar'18	ICT-I commissioned in Sep'16. Balance work under progress. Transformer supply delayed due to failure in testing.
5.6.6	Shifting of 1x315MVA 400/220KV ICT from any suitable location (after replacement by 1x500MVA & install it at 400/220KV Jamshedpur S/S. as 3rd ICT alongwith associated bays.	-		Alstom	Available	98%	95%	85%	1	1		Oct'17	
5.6.7	Shifting of 1x315MVA 400/220KV ICT from any suitable location (after replacement by 1x500MVA & install it at 400/220KV Farakka S/S. as 2nd ICT alongwith associated bays.	-		Alstom	Available	85%	75%	50%				Nov'17	Supply, civil work & erection under progress. Shifting of ICT from Pusali under progress. However, ICT held up at bridge near Farakka. Permission to cross bridge refused by MoST, W.B. ICT temporarily stored at Durgapur. Scope proposal to be deleted from scheme.
5.6.8	Repl. 1 no. ICT's, 100MVA to 160MVA at 220/132KV Siliguri S/stn.	60		Alstom	Available	Compltd	Compltd	Compltd	1	1		Jan'16	Commissioned in Jan'16.
5.6.9	Repl. 1 no. ICT's, 100MVA to 160MVA at 220/132KV Purnea S/stn.	60		Alstom	Available	Compltd	Compltd	Compltd	1	1		Feb'16	Commissioned in Feb'16.
5.6.10	Repl. 1 no. ICT's, 100MVA to 160MVA at 220/132KV Birpara S/stn.	60		Alstom	Available	Compltd	Compltd	Compltd	1	1		Dec'15	Commissioned in Dec'15.
5.6.11	Modification of 132KV Bus arrangement at 220/132 KV Siliguri & Purnea S/stn. with GIS bays.	-		Hysoung & L&T	Available	90%	92%	80%				Dec'17	Siliguri commissioned in Nov'16 & balance work under progress. S/D proposal submitted, final S/D approval awaited.
5.6.12	Const. of 4 nos 220KV GIS line bays at Kishanganj S/stn.	-		Hysoung & L&T	Available	Compltd	Compltd	Compltd				Oct'16	Commissioned in Oct'16.
5.7	Sub station extn. works associated with Eastern Region Strengthening Scheme -VII		Mar'15/ Jun'17								Mar'17/ Jul'17	Jul'17	PROJECT COMPLETED

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
5.7.1	Extn at 400KV bays at 400/220KV Purulia PSPP Sw.Yd., Kharagpur, Chaibasa and 765/400KV Ranchi S/stn. (02 nos. each)				Available	Compltd	Compltd	Compltd				Jul'17	Extn. at Chaibasa S/stn. commissioned in May'16 (under TBCB route). Bays at Kharagpur & Ranchi commissioned. Purulia bay commissioned with final arrangement in Jul'17.
5.7.2	Extn at 765/400KV Ranchi S/stn. end (2x50 MVAR LR) and 400/220KV Chaibasa S/stn. end (2x63 MVAR LR)			Empower	Available	Compltd	Compltd	Compltd				Oct'16	Chaibasa Reactor commissioned in May'16 & Ranchi commissioned in Oct'16.
5.8	Transmission System Associated with Darlipalli TPS		Jan'16								Jun'18	May'17	PROJECT COMPLETED
5.8.1	Extn. at 765KV at Jharsaguda (Sundergarh) Pooling Station.			Techno	Available	Compltd	Compltd	Compltd				May'17	Commisisoning in April'17.
5.9	Eastern Region Strengthening Scheme-XV		Apr'16								Apr'18	Apr'18	
5.9.1	Extn at 400/220KV at Farakka S/stn.			GE	Available	90%						Apr'18	Award Placed in Aug'16. Engg. & civil work under progress.
5.9.2	Extn at 400/220KV at Sagardighi S/stn.			GE	Available	60%	20%					Apr'18	Award Placed in Aug'16. Engg., supply & civil work under progress.
5.9.3	Extn at 400/220KV at Jeerat S/stn.			GE	Available	8%						Apr'18	Award Placed in Aug'16. Engg. & civil work under progress.
5.9.4	Extn at 400KV at Baharampur S/stn.			GE	Available	85%	60%					Apr'18	Award Placed in Aug'16. Engg., supply & civil work under progress.
5.9.5	Extn at 400KV at Subhashgram S/stn.			GE	Available	8%						Apr'18	Award Placed in Aug'16. Engg. & civil work under progress.
5.10	Powergrid Works associated with Common Trans. System for Phase-II Gen. Proj. in Odisha.		Apr'16								Apr'19	Apr'19	Compln Sch.- 36 months from IA. (02 nos 400KV bay under TBCB) - 16 months from IA.
5.10.1	Extn. at 765/400KV Jharsuguda S/stn. (Sundargarh) with split Bus Arrangement	2x1500		Xin/ Techno	Available	35%	29%	8%				Apr'19	Supply, civil work & erection under progress. 400KV portion targetted for commissioning in Oct'17.
5.10.2	765/400KV Angul S/stn. with split Bus Arrangement												Scope deleted
5.11	Associated Transmission System for NABINAGAR -II TPS.										Jun'19	Jun'19	Compln Sch.- 38 months from IA.
5.11.1	Extn. at 765/400KV at Gaya S/stn. alongwith 765/400KV ICT.	1x1500		Siemens	Available	40%	10%	5%				Dec'17	Supply, civil work & erection under progress. All efforts being made to complete bay associated with Nabinagar-Gaya line by Dec'17.
5.11.2	Extn. at 765/400KV at Patna S/stn.	-		GE	Available	5%						Jun'19	Award placed in Mar'17. Engg. & civil work under progress.
5.12	Eastern Region Strengthening Scheme-XIV		May'16								Nov'18	Nov'18	Compln. Sch. - 30 months from date of investment approval
5.12.1	Extn. at 400/220KV Banka S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	60%	40%	10%				Nov'18	Engg., supply, civil work & erection under progress
5.12.2	Extn. at 400/220KV Bolangir S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	40%	7%					Nov'18	Award placed in Jun'16. Engg., suppl & civil work under progress

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	ईरैक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
5.12.3	Extn. at 400/220KV Lakhisari S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	50%	30%	10%				Nov'18	Engg., supply, civil work & erection under progress
5.12.4	Extn. at 400/220KV Chaibasa S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	70%	40%	20%				Nov'18	Engg., supply, civil work & erection under progress
5.12.5	Extn. at 400/220KV Keonjhar S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	58%	12%					Nov'18	Award placed in Jun'16. Engg., supply & civil work under progress
5.12.6	Extn. at 400/220KV Durgapur S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	95%	50%					Nov'18	Award placed in Jun'16. Engg., supply & civil work under progress
5.12.7	Extn. at 400/220KV Baripada S/Stn. GIS (Installation of 125 MVARBus Reactor)	-		GE	Available	90%	98%	20%				Nov'18	Award placed in May'16. Engg., supply, civil work & erection under progress
5.12.8	Modification of 132KV Bus arrangement incl. Switchgear to Double Main Scheme at 220/132 KV Birpara S/S	-		Hyosung/ L&T	Available	80%	70%					Nov'18	Award placed in May'16. Engg., supply & civil work under progress
5.13	Eastern Region Strengthening Scheme-XI		May'16								Nov'18	Nov'18	Compln. Sch. - 30 months from date of investment approval
5.13.1	STATCOM in Rourkela S/stn.	-		Siemens	Available	45%	40%	5%				Nov'18	Award placed in May'16. Engg., supply, civil work & erection under progress
5.13.2	STATCOM in Ranchi (New) S/stn.	-		Siemens	Available	25%	15%					Nov'18	Award placed in May'16. Engg., supply & civil work under progress
5.13.3	STATCOM in Kishanganj S/stn.	-		Siemens	Available	60%	10%					Nov'18	Award placed in May'16. Engg., supply & civil work under progress
5.13.4	STATCOM in Jeypore S/stn.	-		Siemens	Available	40%	45%	6%				Nov'18	Award placed in May'16. Engg., supply, civil work & erection under progress
5.14	Eastern Region Strengthening Scheme-XVII (Part-A)		Jul'16								Nov'17	Nov'17	Compln. Sch. - 16 months from date of investment approval
5.14.1	Extn. at 400/220KV Daltonganj S/stn. (2x160, 220/132/33KV, 3 Ph. (ICTs))	2x160		GE	Available	60%	50%	20%	1			Nov'17	Engg., supply, civil work & erection under progress
5.15	Eastern Region Strengthening Scheme-XVII (Part-B)		Feb'17								Jun'19	Jun'19	Compln. Sch. - 28 months from date of investment approval
5.15.1	Extn. at 400/220KV Gaya S/stn.	500			Available							Jun'19	Award under progress.
5.15.2	Extn. at 400/220KV New Siliguri S/s (3rd ICT)	315			Available							Jun'19	Award under progress.
5.15.3	Extn. at 400/220KV Durgapur S/stn. (3rd ICT)	315		SPML	Available							Jun'19	Award placed in Mar'17. Engg. in progress.
5.15.4	Extn. at 400/220KV Jeypore S/stn.	630		SPML	Available							Jun'19	Award placed in Mar'17. Engg. in progress.
5.15.5	Extn. at 400/220KV Rourkela S/stn.	630		SPML	Available							Jun'19	Award placed in Mar'17. Engg. in progress.
5.15.6	Repl. of 400/220KV Malda S/st. (2x315MVA to 2x500 MVA)	370		SPML	Available							Jun'19	Award placed in Mar'17. Engg. in progress.
5.16	PG work associated with immediate evacuation for North Karanpura Gen. Proj. of NTPC.		Feb'17								Sep'19	Sep'19	Compln. Sch. - Sep'17 & Sep'19 matching with TBCB lines.
5.16.1	Extn. at 400/220KV Gaya S/stn.	-		GE	Available							Sep'19	Award placed in Mar'17. Engg. in progress.
5.16.2	Extn. at 400/220KV Chandwa (Jharkhand Pool) GIS	-		Hyosung	Available	10%	5%					Sep'17	Award placed in Feb'17. Engg., supply & civil work under progress.

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5.17	PG work associated with TBCB lines under common Transmission System for Ph-II Gen. Proj. in Odisha.		Mar'17								Mar'19	Mar'19	Compln. Sch. - 24 months from IA matching with TBCB lines.
5.17.1	Extn. at 765/400KV Jharsaguda (Sundergarh) S/stn.	-		GE	Available							Mar'19	Award placed in Mar'17. Engg. in progress.
5.17.2	Extn. at 765/400KV Raipur S/stn.	-		GE	Available							Mar'19	Award placed in Mar'17. Engg. in progress.
5.18	PG work associated with Transmission System Strengthening in Indian System for transfer of Power from New HEP's in BHUTAN.		Mar'17								Mar'19	Mar'19	Compln. Sch. - 24 months from IA matching with TBCB lines.
5.18.1	Extn. at 400/220KV Alipurduar S/stn.	-			Available							Mar'19	Bay available at Alipurduar.
5.18.2	Extn. at 400/220KV Siliguri S/stn.	-			Available							Mar'19	Award placed in Mar'17. Engg. in progress.
5.18.3	Extn. at 400/220KV Kishanganji S/stn.	-			Available							Mar'19	Award under progress.
6.0	NORTH EASTERN REGION												
6.1	Transmission System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)		Feb'10/ Jan'16/ Mar'17								Feb'18	Feb'18	Completion Sch. - 34 months from Investment approval.
6.1.1	400/220KV Silchar S/Stn. (New)	2x200		ICSA	Available	99%	Compltd	99%	2	2		Feb'18	Major part of sub station charged progressively from Mar'12 to Oct'12. Completion of balance work matching with Silcher-Melriat line.
6.1.2	220/132 KV Mokochung S/Stn. (New)	7x10		Hysoung & GET	Available	Compltd	Compltd	Compltd	2	2		Aug'15	ICT -I (3x10) commissioned in July'15 & ICT-II (3x10) commissioned in Aug'15.
6.1.3	132KV Melriat Switching Stn. (upgradable to 400KV)				Available	90%	85%	70%				Feb'18	Supply, civil works & erection under progress. Completion matching with line.
6.1.4	Extn. at 132/33 KV Imphal S/Stn.	2x50		JV of PSC & Powercon	Available	Compltd	Compltd	Compltd	2	2		Apr'13	ICT-I commissioned in Mar'13. ICT-II in Apr'13.
6.1.5	220KV Switching station Mariani (New)	-			Available	Compltd	Compltd	Compltd				Mar'13	Station commissioned in Mar'13.
6.1.6	132/33 KV Roing S/Stn.	7x5		Areva	Available	Compltd	Compltd	Compltd	2	2		Jun'17	Commissioned in Jun'17.
6.1.7	132/33 KV Tezu S/Stn.	7x5		Areva	Available	Compltd	Compltd	Compltd	2	2		Jun'17	Charged in Jun'17.
6.1.8	132/33 KV Namsai S/Stn.	7x5		Areva	Available	65%	100%	25%	2			Feb'18	Works under progress. Completion matching with associated lines. Critical.
6.1.9	Bay extension at 400 KV Bongaigaon & Purba Kanchan Bari, 132 KV Badarpur (PG), 132 KV Melriat , 132 KV Mokochung (Nagaland), 132KV Ziro (PG) and 132KV Pasighat (Govt. of Arunachal),Hailakandi & Sirkona (AEGCL) Substations.			ICSA/ Areva./ JV of PSC & Powercon	Available	90%	92%	73%				April'12 to Feb'18	Except Melrit, Hailakandi all completed earlier.
6.2	North Eastern Region Strengthening Scheme - III		Sep-15								Dec'17	Dec'17	Completion Sch. - 27 months from IA.
6.2.1	2nd ICT at 400/220KV Bongaigaon S/s.	315		Alstom	Available	45%	40%	35%				Dec'17	Engg., supply, civil work & erection under progress..

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	ईरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant./ Act	
6.2.2	Repl. of 220/132KV 1x50 MVA to 1x160 MVA at Kopili S/stn.	110		Alstom	Available	40%	35%	30%				Dec'17	Engg., supply, civil work & erection under progress..
6.2.3	Repl. of 220/132KV 2x50 MVA to 2x160 MVA at Balipara S/stn.	220		Alstom	Available	70%	65%	50%				Dec'17	ICT-I commissioned in Sep'17. Balance work under progress.
6.2.4	Extn. of 220KV Salakati S/stn.			Alstom	Available	40%	38%	31%				Dec'17	Engg., supply, civil work & erection under progress..
6.3	North Eastern Region Strengthening Scheme - IV		May'16								May'18	May'18	Completion Sch. - 24 months from IA.
6.3.1	Dismantling/Removal of 4x105 MVA ICT at 400/220KV Misa S/stn. & addition of 2x500MVA ICT.	685		Sterling & Willsion/ ABB	Available	20%	5%					May'18	GIS portion award in Jun'16 & AIS portion in Jul'16. Work under progress.
6.3.2	Extn at 400/220KV at Balipara & Bongaigaon (PG) (1x125MVAR Bus Reactor)	-		Sterling & Willsion	Available	20%	5%					May'18	Engg., supply & civil work under progress..
6.3.3	Up-grading of 132/33KV Imphal S/stn. to 400/132KV, (Installation of 7x105 MVA ICT's & 80 MVAR Bus Reactor.	630		Sterling & Willsion	Available	48%	20%					May'18	Efforts are being made to complete Silchar bay at Imphal early.
6.3.3	Extn at 400/132KV of Silchar Sub station (PG) including 125 MVAR Bus Reactor.	-		Sterling & Willsion/ ABB	Available	45%	15%					May'18	GIS portion award in Jun'16 & AIS portion in Jul'16. Work under progress. Efforts are being made to complete Imphal bay at Silchar early.
6.4	North Eastern Region Strengthening Scheme - VII		Jul'16								Jul'18	Jul'18	Completion Sch. - 24 months from IA.
6.4.1	Extn. at 132KV Imphal Sub station.			Sterling & Willsion	Available	5%						Jul'18	Award placed in Jul'16. Engg. & civil work under progress.
6.4.2	3rd ICT at 400/132KV Silcher Sub station & (Spare ICT, 200MVA).	315		Sterling & Willsion	Available	25%	20%	15%				Jul'18	Engg., supply, civil work & erection under progress. Spare ICT (200MVA) procured & available for use in Sep'17.
6.4.3	Extn. at 400/220KV Mokokchung GIS & 31.5 MVAR Bus Reactor at Mokokchung.			ABB / Sterling & Willsion	Available							Jul'18	Award placed in Jul'16. Engg. in progress.
6.4.4	Extn. at 220/132KV Kopli Sub station (Spare ICT, 160 MVA).	160		Sterling & Willsion	Available							Jul'18	Award placed in Jul'16. Engg. in progress.
6.4.5	Extn. at 132/33KV Nirjuli Sub station (Spare ICT, 50MVA).	50		Sterling & Willsion	Available							Jul'18	Award placed in Jul'16. Engg. in progress.
6.4.6	Extn. at 400/220KV Misa Sub station (Spare ICT, 315MVA from Narendra S/s).	315		Sterling & Willsion	Available							Jul'18	Award placed in Jul'16. Engg. in progress.
6.4.7	Extn. at 400/220KV Bongaigaon Sub station (Spare Reactor, 80 & 630 MVAR).	-		Sterling & Willsion	Available	30%	25%	10%				Jul'18	Award placed in Jul'16. Engg., supply, civil work & erection under progress.

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	TBCB Project - Sub station												
1	<u>Northern Region Strengthening Scheme - XXXI (Part-A)</u>										Jul'17	Jul'17	PROJECT COMPLETED
	400/220KV Kala Amb Sub station (GIS)	7x105		Siemens	Acquired	100%	100%	100%	7	7		Jul'17	Commissioned in Jul'17.
	40% Series Compensation on 400KV Karcham Wangtoo - Kala Amb (Q) D/C line at Kala Amba ends.			Siemens		100%	100%	100%				Jul'17	Commissioned in Jul'17.
2	<u>Transmission System Associated with Gadawada STPPS of NTPC (Part-A).</u>										Nov'17	Nov'17	
	765/400KV Warora Pooling Station	2x1500		Siemens	Acquired	95%	95%	60%	5	5		Nov'17	Award pland. Civil work under progress.
3	<u>Transmission System Associated with Gadawada STPPS of NTPC (Part-B).</u>										Jan'18	Jan'18	
	765/400KV Parli Sub station	2x1500		Siemens	Acquired	75%	50%	18%	1			Jan'18	Work under progress.
4	<u>Beyond Vemagiri Transmission System</u>		Dec'15								Apr'19	Apr'19	
	765/400KV Chilakuripeta Sub station	7x500		GE	Acquired	25%	18%	15%				Apr'19	Award placed in Dec'16. Work under progress.
	400KV Satenapalli (Narasaraopeta) & Garividi (AP) Sub station			GE	Acquired	60%	35%	5%				Apr'19	Award placed in Dec'16. Work under progress.
5	<u>Eastern Region strengthening Scheme - XVIII</u>		Dec'15								Jul'20	Jul'20	
	765/400KV Medinipur Sub station (7x500)	2x1500			U/a							Jul'20	Award placed in Sep'17.
	765/400KV Jeerat (New) Sub station (7x500)	2x1500			U/a							Jul'20	Award placed in Sep'17.
	Extn. at 400KV Jeerat S/stn (WBSETCL)				Available							Jul'20	Sign. of agreement with BBSETCL under progress. (To be executed by WBSETCL).
	<u>Other Consultancy Project</u>												
	<u>Leh Transmission System</u>										Jan'17	Sep'18	
	220/66 KV Drass Sub station	4x16.67		KEC	Acquired.	99%	99%	92%				Sep'18	Work under progress.
	220/66 KV Kargil Sub station	7x16.67		KEC	Acquired.	45%	66%					Sep'18	Land handed over by DM in Dec'16. Work under progress. Work progress hampering due to obstruction by land owners.
	220/66 KV Khalsti Sub station	4x16.67		KEC	Acquired.	99%	99%	88%				Oct'17	Work under progress.
	220/66 KV Leh Sub station	7x16.67		KEC	Acquired.	99%	99%	85%				Oct'17	Work under progress.
6	<u>System strengthening for WR. M/s by Sterlite</u>		Mar'11										
	765/400 kV substation at Bhopal	2x1500										Jul'14	Substation commissioned on 07/2014
	765/400 kV substation at Dhule	2x1500										Nov'14	Substation Commissioned on 11/2014
7	<u>Northern Region System Strengthening Scheme- NRSS-XXIX. M/s by Sterlite</u>		Nov'14										
	400/220 kV S/s GIS at Amargarh	7x105			Acquired.	92%	96%	45%			Oct'18	Nov'17	

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8	Creation of new 400 kV GIS substations in Gurgaon area and Palwal as a part of ISTS. M/s by Sterlite		Jul'16								Sep'19	Mar'18	
	400/220 kV GIS at Kadarapur (Gurgaon)	2x500									May-19	Mar-19	
	400/220 kV GIS at Sohna Road (Gurgaon)	2x500			100%						Sep-19	Mar-19	
	400/220 kV GIS at Prithala(Palwal)	2x500			100%						May-19	Mar-19	
	2 nos. of 400kV bays at Dhanonda S/S										May'19	Mar'18	
18	Connectivity system for Khargone TPP. M/s by Khargone											Jul-19	- Detailed Survey Completed. - EPC Contract awarded for Transmission line and Substation. - Land Acquisition is under process. - Online Proposal for Forest Clearance has been submitted on MoEF & cc Web portal
	765/400 kV Khandwa Pooling Station	2x1500			60%						Jul-19	Jul-19	
19	NER System Strengthening Scheme II. M/s by NER II Transmission Limited.												Name of the successful Bidder: M/s Sterlite Grid 4 Limited
	400/132 kV Surajmaninagar S/S	2x315									Jul-20	Jul-19	
	400/132 kV P.K. Bari S/S	2x315									Jul-20	Jul-19	
9	Eastern Region System Strengthening Scheme-VI. M/s by Essel		Dec'13										
	400/220 kV Darbhanga GIS with space for future extension	2x500			100%	100%	100%	100%			Jun'16	Apr'17	GIS Sub-station successfully charged and presently in commercial operation.
	400/132 kV Motihari GIS with space for future extension	2x500			100%	100%	100%	100%	100%		Jun'16	May'17	Charged on 31st July'17
10	Additional inter regional AC link for import into southern region i.e Warora-Warangal and Chilakaluripeta – Hyderabad – Kurnool 765 kV link . M/s by Essel		Jul'16								Nov'19		Land for Warangal Sub-station is identified and land documents are being collected from land owners.
	765/400 kV Substation at Warangal	2x1500			60%						Nov'19	Nov'19	
11	Additional system strengthening for Sipat STPS. M/s by Adani		Nov'15								Mar'19	Jul'18	Delay in approval of PGCIL & CSPTCL power line crossings.
	765 kV Bay at Sipat s/s				100%	100%	100%	100%			Nov'18	May'17	charged
12	Additional system strengthening for Chhattisgarh (B). M/s by Adani		Nov'15								Nov'18	Jul'18	
	765 kV Rajnandgaon switching station				100%	100%	96%				Nov'18	Nov'17	
13	System strengthening for IPPs in Chhattisgarh and other generation projects in western region. M/s by Adani		Nov'15								Mar'19	May'18	
	400/220 kV Morena substation	2x315			100%	60%	52%	0%			May'18	Jan'18	
	400 kV bays (2 nos.) at Vindhyachal STPP switchyard					0%	0%	0%			Jan'19	Jan'18	
	765 kV bays at Sasan UMPP					0%	0%	0%			Nov'18	Dec'17	

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17	Immediate evacuation for North Karanpura (3x660MW) generation project of NTPC (ERSS-XXIX). M/s by North Karanpura Transco Ltd.												
	400/220 kV Dhanbad s/s	2x500				0%	0%	0%			May'19		
14	Transmission System for Patran 400kV S/S. M/s by Techno		Nov'13										
	400/220 kV Patran substation	2x500			100%	100%	100%	100%			May-16	Jun-16	Commissioned 06/16.
15	System strengthening in NR for import of power from North Karanpura and other projects outside NR and system strengthening in WR for import of power from North Karanpura and other projects outside Western Region and also for projects within Western Region. M/s by Reliance.		May'10								Nov'13		Matter with APTEL
	400/220 kV Substation at Gurgaon	2x315											Work is yet to start.
16	Talcher-II Augmentation System. M/s by Reliance		Apr'10										Matter with APTEL
	400/220 kV Behrampur substation	2x315									Oct-12		Work is yet to start.
21	North Eastern Region Strengthening Scheme (NERSS-VI) M/s by Kohima-Mairani Transmission Limited												Successful Bidder: Kalpataru Power Transmission Ltd.
	400/220 kV Kohima (New) S/S	2x500									Jul-20		