



ISO: 9001-2008

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

(As on 31.12.2017)

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 31.12.2017

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)	मा.स.अ.न.म. अनुमोदन GoI / RoR	लागत (अनुमोदित) /प्रत्याशित Cost	संचयी व्यय (मार्च '17 तक) Cumml Exp. till Mar'17	चालु वर्ष का व्यय Current	संचयी व्यय Cumml Exp.	निर्माण का प्रगती Progres %					संपूर्ति लक्ष्य Completi on Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्ट्रींगिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
1.0	MULTI REGIONAL SYSTEMS (IP Lines*)														
1.1	North East / Northern Western Interconnector - I Project	5103	Feb'09/ Nov'15	13762.8	12371.7	348.43	203.45	12575.15	6563	6308	6072	4498	Dec'17	Feb'18*	* except ATS for Lower Subansiri 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
1.1.1.2	400KV Balipara - Biswanath Chariyali line	114							165	165	165	114		Sep'15	Line completed in Sep'15 & commissioned on 01.10.15.
1.1.1.3	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.
1.1.1.4	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							986	984	980	702		Feb'18	
1.1.2.1	400KV D/C Kameng - Balipara line	114							151	149	145	93		Feb'18	Completion matching with Generation (Kameng HEP, ant. by Feb'18).
1.1.2.2	400KV D/C Balipara - Bongaigaon line (Quad)	609							835	835	835	609		Oct'14	Line ready for commissioning 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	296.89	7375.68	4250	4250	4250	3135	Jun'17	Sep'17	PROJECT COMPLETED.
	PART-A: WR-NR Interconnector for IPP Projects in Chattisgarh														

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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														
1.2.2	400KV D/C Kurukshetra - Jallandhar 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 - Sonepat 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	183.45	2048.5	1197	1097	1045	445	Dec'17	Jun'18	Associated Gen.Project delayed/ Uncertain
1.3.1	765KV D/C Angul - Jharsauguda line	590							790	744	707	254		Jun'18	Severe ROW being faced near Angul end. Huge forest involvement (461.13 Ha.). Working permission issued from Apr'17 to Aug'17.
1.3.2	765 KV D/C Jharsuguda - Dharamjaygarh line *	300							407	353	338	191		Jun'18	Huge forest involvement (213 Ha.). Working permission issued in Nov'17 for WR portion.
1.4	Trans. Syatem Strengthening in WR - NR Tran. Corridor for IPP's in Chaittisgarh	206	Jun'14	5151.37	1139.4	991	568.25	1707.65	265	265	265	206	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	206		Dec'17	Line commissioned in Dec'17.
1.5	Inter-Regional System Strengthening Scheme in WR and NR (Part-B)	1586	Dec'14	6517.36	2779.4	939.5	778.46	3557.86	2162	2162	2147	1514	Apr'18	Apr'18	
1.5.1	765KV D/C Jabalpur Pooling Stn. - Orai line *	721							969	969	969	721		Mar'18	Erection completed. Testing under progress. Commissioning matching with sub station.
1.5.2	765KV D/C Orai - Aligarh line	664							906	906	904	637		Mar'18	
1.5.3	400KV D/C Orai - Orai line (Q)	84							115	115	115	79		Mar'18	Completion matching with Sub stations.

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1.5.4	LILO of one ckt of Satna-Gwalior 765KV 2x S/C line at Orai *	73							104	104	104	73		Mar'18	Erection completed. Testing under progress. Commissioning matching with sub station.
1.5.5	LILO of Agra - Meerut 765KV S/C at Aligarh	22							34	34	22			Apr'18	Effort being made to complete earlier.
1.5.6	LILO of Kanpur - Jhatikara 765KV S/C at Aligarh	22							34	34	33	4		Mar'18	ROW problem being resolved.
1.6	Wardha - Hyderabad 765 KV Links	1072	Jan'15	3662.02	2134.5	232	374.51	2509.01	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.
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/ Oct'17	1479.3	525.1	362	208.08	733.18	403	403	403	257	Dec'17 / Mar'18	Mar'18	
1.7.1	400KV D/C Ajmer (New) - Ajmer (RVPN) line (Q)	131							200	200	200	131	Dec'17	Dec'17	Line commissioned in Dec'17.
1.7.2	400KV D/C Chittorgarh (new) - Chittorgarh (RVPN) line (Q)	97							136	136	136	97	Dec'17	Dec'17	Line commissioned in Dec'17.
1.7.3	400KV D/C Tirunelveli PS-Tuticorin PS line-1 (Q)	24							33	33	33	6	Mar'18	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	23	Mar'18	Mar'18	Completion matching 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	732.37	2296.77	1477	1458	1404	696	Apr'18	Jul'18	Generation Project delayed (ant. by Jul'18).
1.8.1	765KV D/C Banaskanta - Chittorgarh line *	604							841	822	768	232		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	422		Dec'17	Line commissioned in Dec'17.
1.8.3	400KV D/C Banaskanta - Sankhari line	43							59	59	59	42		Jul'18	Gen. proj. delayed (ant. by Jul'18). Works slowed down to the extent possible to match Generation.

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1.9	Transmission System Strengthening in Indian System for Transfer of Power from Mangdechhu Hydroelectric Proj, in BHUTAN.	316	Mar'16	808.63	95.3	234	148.07	243.37	449	232	157		Jan'18	Mar'19	
1.9.1	400KV D/C Jagmeling - Alipurduar line (Q) (india Side) *	316							449	232	157			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.)
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	312.74	812.04	4595	968	132		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	968	132			Nov'19	All tower Packages awarded. Work under progress. Huge forest involvement in WR portion.
1.11	Green Energy Corridore ISTS - Part -D	1260	May'16	3519.59	229.8	1100	370.22	600.02	1725	1333	726		May'19	May'19	
1.11.1	765KV D/C Ajmer (new) - Bikaner line	526							734	649	350			May'19	Efforts being made to complete in FY 2018-19 matching with Bhadla Gen.
1.11.2	765KV D/C Bikaner - Moga (PG) line	716							966	667	376			May'19	
1.11.3	LILO of 01 ckt of 400KV Bhadla (RVPN) - Bikaner (RVPN) D/C line at Bikaner (NEW)	18							25	17				May'19	Efforts being made to complete in FY 2018-19 matching with Bhadla Gen.
2.0	NORTHERN REGION														
2.1	Northern Regional System Strengthening Scheme - XVI	288	July'10/ May'15/ Mar'17	757.94	614.92	15.83	31.68	646.6	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	25.10	727.62	588	588	583	278	Jun'17	Mar'18	

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2.2.1	400KV D/C Dehradun-Abdullapur line (Q)	179							248	248	244	165		Mar'18	ROW/tree cutting issues resolved. Completion being expedited through mobilisation from other sources.
2.2.2	400KV D/C Dulhasti - Kishenpur line (Q) Single ckt strung.	115							340	340	339	113		Jan'18	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	2.26	92.89	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	5.12	77.82	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	16.24	393.44	1088	1005	954	556	Feb'18	Jun'18	
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	353	302	75		Jun'18	ROW at Singrauli end. Also work affected due to poor performance by exectuting 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	103.28	732.28	746	746	746	532	Feb'18	Dec'17	PROJECT COMPLETED.
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	48.49	160.59	46	34	32	7	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	34	32	7		Jun'18	Work slowed-down to the extent possible to match generation..

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2.7.2	Charging of Tehri Pooling - Meerut765KV line	2							8	7	2			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	47.07	169.37	402	332	239	105	Mar'18	Jun'18	Kishanganga HEP now ant. by Jan'18.
2.8.1	220KV D/C Kishanganga - Amargarh line	85							150	147	137	52	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 completion matching with Gen. (ant. by Jan'18).
2.8.2	220KV D/C Kishanganga - Wagoora line	228							252	185	102	53	Mar'18	Jun'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	22.90	105.2	283	281	281	165	Jul'17	Jan'18	
2.9.1	LILO of Agra - Bharatpur 220KV S/C line at Agra (PG)	109							184	182	182	103		Jan'18	Work under progress. Severe ROW problem at 01 location. State admn. help being taken.
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.
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)	124	Mar'15/ Mar'17	1394.52	1.9	615	40.07	41.97	126	3			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.)	104							87	3				Jun'19	Award placed. Work under progress. Commisisoning matching with Sub station.
2.10.2	LILO of one ckt of Bamnauli - Jattikalan 400KV D/C line at Dwarka-I (with twin/HTLS Cond.)	20							39					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)	104	May'15	780.33	8.2	374	24.77	32.97	86	13	1		Oct'18	Oct'18	Compln. Sch - 26 month from date of land acq. (land acquired in Aug'16).

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 31.12.2017

Rs. in Crore

क्रमांक Sl. No.	परिप्रेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	मा.सं./म.म. अनुमोदन GoI / RoD	लागत (अनुमोदित) /प्रत्याशित Cost	संचयी व्यय (मार्च '17 तक) Cumml Exp. till Mar'17	चालु वर्ष का व्यय Current	संचयी व्यय Cumml Exp.	निर्माण का प्रगती Progres Ref.				संपूर्ति लक्ष्य Completi on Tgt.		Remarks / Constraints & assistance required.	
						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
2.11.1	LILO of both ckt of Bamnauli - Samaypur 400KV D/C line at Tughlakabad (with twin HTLS Cond.)	104							86	13	1			Oct'18	Work under progress. Commissioning matching with S/stn. (land acquired in Aug'16). Major portion in forest. Forest clearance for delhi portion awaited. Efforts being made to complete earlier. (target Jun'18)
2.12	Transmission System Associated with RAPP 7 & 8 - Part - B.	360	Jul'15	307.18	111.1	129	65.13	176.23	496	485	478	211	Nov'17	Jun'18	Gen. project delayed (now ant. by Mar'20).
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	485	478	211		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	97.78	163.78	565	273	101		Jan'19	Jan'19	Work being expedited to match Gen. project (ant. by Jan/Mar'19).
2.13.1	765KV D/C Bhadla - Bikaner line	350							483	221	60			Jan'19	
2.13.2	400KV D/C Bhadla (PG) - Bhadla (RVPN) line	52							82	52	41			Jan'19	
2.14	Northern Region System Strengthening Scheme - XXXV	130	Aug'16	123.91	0.1	40	10.57	10.67	183	90	26		Aug'18	Aug'18	
2.14.1	400KV D/C Mohindergarh - Bhiwani line	130							183	90	26			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	15.39	15.59	60	34	13		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	34	13			Feb'19	
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	
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.

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Rs. in Crore

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						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
2.16.3	Disconnection of 220KV LILO arrangament 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	<u>WESTERN REGION</u>														
3.1	Western Region Strengthening Scheme - V	306	Dec'07/ Nov'12/ Jan'16/ Mar'17	738.48	640.99	0.12	12.53	653.52	369	369	369	306	Dec'17	Jun'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	241	241	234		Dec'17	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 portion commissioned in Dec'17.
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		Jun'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.
3.2	Transmission System Associated with Mundra Ultra Mega Power Proj.	3643	Oct'08/ Mar'16/ Mar'17	5071.94	4453.08	6.32	35.95	4489.03	4927	4925	4898	3471	Feb'18	Jun'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.

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Rs. in Crore

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						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
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 Strengtheing 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 - Boisor 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	932	528		Jun'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	Linecommissioned in July'12.
3.3	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D	1380	Nov'11 / Mar'16/ Mar'17	2619.56	2560.13	3.21	28.93	2589.06	1788	1788	1788	1380	Sep'17	Nov'17	PROJECT COMPLETED.

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						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरक्शन Tower Erect. (no.)	स्ट्रींगिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
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		Nov'17	Line ready for commissioning in Sep'17 & commissioning expected by Dec'17.
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	92.69	1971.62	856	856	856	626	Dec'17	Dec'17	PROJECT COMPLETED.
3.4.1	765KV D/C Aurangabad (PG) - Padghe (PG) line	570							773	773	773	570		Dec'17	Line commissioned in Dec'17
3.4.2	400KV D/C Padghe (PG) - Padghe (Kudus) line (Q)	32							46	46	46	32		Dec'17	Line commissioned in Dec'17
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	81.36	1362.66	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	32.82	290.72	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 Kakarapar-Navsari & Kakarapar-Vapi joined at Kakarapar S/Y and commisisoned in May'17 & IInd ckt in Jun'17.

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						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
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 commissioned in May'17 & IInd ckt in Jun'17.
3.7	Transmission System Associated with LARA STPS - I Gen. Proj. NTPC	260	Jun'14	400.47	260.1	18.48	25.80	285.9	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	Transmission System Associated for Solapur STPP (2x660MW) -Part-A	25	Mar'15	50.52	28.5	12	6.25	34.75	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	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - C	583	Jul'15	2247.37	263.2	550	571.64	834.84	760	565	429	49	Jul'18	Jul'18	
3.9.1	765KV D/C Bhuj Pool - Banaskanta line	583							760	565	429	49		Jul'18	
4.10	Transmission System for Ultra mega Solar Park in Rewa District, Madhya Pradesh .	116	Jan'16/ Mar'17	305.04	84.8	0.2	80.54	165.34	169	169	168	112	Oct'17	Jan'18	
4.10.1	LILO of 400KV D/C Vindhyachal - Jabalpur line (Q) (IInd Ckt.) at Rewa Pooling Stration .	116							169	169	168	112		Jan'18	Generation project delayed. Work slowed-down to the extent possible to match Generation (now ant. by Feb'18).
4.11	Transmission System Strengthening associated with Mundra UMPP (Part-A)	45	Jan'16	244.19	71.9	50	53.19	125.09	72	72	72	45	Jul'18	Oct'17	PROJECT COMPLETED.
4.11.1	LILO of 400KV D/C both ckt of Mundra UMPP-Limbdi (Triple) at Bachau.	45							72	72	72	45		Oct'17	Line commissioned in Oct'17.
4.12	Transmission System Strengthening associated with Mundra UMPP (Part-B)	190	Jul'16	300.94	7.4	85	44.57	51.97	257	136	109	10	Dec'18	Dec'18	
4.12.1	400KV D/C Mundra UMPP - Bhuj Pool line (Triple Snowbird)	190							257	136	109	10		Dec'18	Severe ROW problem.

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4.13	Transmission System for Ultra Mega Solar Power Park at Banaskantha (Radhanesda) Gujarat.	132	May'17	175.64		20	4.99	4.99	187	29			Sep'18	Sep'18	
4.13.1	400KV D/C Banaskantha PS - Banaskantha (PG) line	132							187	29				Sep'18	Award placed in May'17.
4.0	SOUTHERN REGION														
4.1	Kundankulam - APP Trans. System (Balance lines)	296	May'05/ Jan'16/ Mar'17	2187.32	1939.45	30	30.18	1969.63	447	263	190	52	Sep'18	Sep'18	
4.1.1	Edamon (KSEB) - Muvattupuzha (PG) D/C (Quad) line	296							447	263	190	52		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 suport of State Govt.). Works under progress. Site is getting police protection as per requirement from State admn.
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	9.00	246.39	25	25	25	13	Jun'12	Jan'18	* Critical due to continuing ROW problem.

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Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	मा.स.ग/न.म अनुमोदन GoI / RoD	लागत (अनुमोदित) /प्रत्याशित Cost	संचयी व्यय (मार्च '17 तक) Cumml Exp. till	चालु वर्ष का व्यय Current	अनुमोदित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Nov'17)	निर्माण का प्रगती Progres Ref.				संपूर्ति लक्ष्य Completi on Tgt.		Remarks / Constraints & assistance required.
										लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्ट्रींगिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
4.2.1	LILO of Neelamangla - Hoddy 400KV S/C line at Yehlanka	20								25	25	25	13		Jan'18	ROW issues being resolved with support from State Admn. Through revised compensation & Police help as required. Work under progress.
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	50.18	2357.64	1809	1809	1804	1043	Jun'17	Mar'18		
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	192		Mar'18	Severe ROW in Karnataka. Obstruction are being removed progressively with the help of Police protection.
4.4	System Strengthening - XIII of SR Grid	550	Oct'11/ Nov'15/ Mar'17	639.46	481.42	8.3	4.57	485.99	750	703	673	418	Mar'18	Sep'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			Sep'18	Severe ROW in Karnataka. Balance work re-awarded. Site being mobilised.
4.5	System Strengthening in SR - XIV	244	Dec'11/ Feb'15/ Mar'17	346.79	352.47	10.31	11.82	364.29	335	329	296	178	Dec'17	Mar'18		Critical due to continuing ROW problem.
4.5.1	400KV D/C Dharmapuri (Salem New) - Somanahalli line	244								335	329	296	178		Mar'18	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	115.24	470.44	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.

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						अनुमोदित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्ट्रींगिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
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	25.00	227.4	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	542.15	758.15	751	762	728	393	Jul'18	Jul'18	Efforts being made to match with Hindupur Wind Gen. (ant. by Dec'17).
4.8.1	LILO of 765KV D/C Kurnool - Thiruvalem line at Cuddapah.	194							268	265	254	139		Jul'18	Work under progress.
4.8.2	400KV D/C Cuddapah - Hindupur line (Q)	338							483	497	474	254		Jul'18	Work under progress. Efforts being made to commissioning earlier matching with Wind Gen. at Hindupur.
4.9	Connectivity for Kudankulam 3&4 with Inter-state Transmission system	132	Jan'16	162.11	73.9	40	45.50	119.4	188	188	187	130	May'18	Jan'18	
4.9.1	Extn. of 400KV D/C Kudankulam APP - Tirunelveli line (Q)	132							188	188	187	130		Jan'18	01 tower erection & 02 Ckm stringing held up due to High court case. Court has decided to vacate the petition. However order awaited.
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	15.15	45.55	55	51	45	18	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	27	18	May'17	Jan'18	Testing / rectification under progress.
4.10.2	LILO-Out of 400KV D/C Cuddapah - Hindupur line (Q) (both Ckts) at NP Kunta Sub Stration .	17							28	24	18			Jul'18	Work under progress.
4.11	Removal of Constraints in 400KV Bays Extn. at 400KV Vemagiri S/stn.	89	Jan'16	207.88	28.8	45	69.22	98.02	95	95	95	86	Jul'18	Jan'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	56	59		Jan'18	

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						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
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.	28							39	39	39	27		Jan'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	254.26	411.76	449	257	237	64	Dec'18	Dec'18	
4.12.1	400KV D/C Tumkur (Pavagada) Pool - Hiriyr line	218							302	257	237	64		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		Jan'18	Line completed. LILO commissioned in Dec'17. Commissioning matching with readiness of 220KV down-stream system being implemented by developers. Balance ant. by Jan'18.
4.12.3	LILO of 400KV D/C Bellary - Tumkur (Vasantnarsapur) line (Q) at Tumkur Pool (on multi ckt tower).	220							143	143	143	220		Jan'18	Testing under progress.
4.13	NLC - Karaikal 230 KV D/C Line	190	Jul'16	102.79	4.8	30	20.17	24.97	317	207	174	25	Nov'17	Mar'18	
4.13.1	NLC - Karaikal 230 KV D/C Line (through LILO of the 230KV Neyveli-Bahour S/C line at Karaikal)	190							317	207	174	25		Mar'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	31.56	51.76	567	255	110		Jan'19	Jan'19	
4.14.1	400KV D/C Hiriyr - Mysore line	412							567	255	110			Jan'19	
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	302	Feb'17	5070.13		425	322.43	322.43	472	1			Apr'20	Apr'20	
4.15.1	320KV HVDC Pugalur - North Trichur (Kerala) line	300							472	1				Apr'20	Work under progress.

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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. Engg. in progress.
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		10	8.00	8	217	37			Jul'19	Jul'19	
4.16.1	400KV D/C NNTPS Sw. Yd. - Ariyalur (Villupuram) line	156							205	37				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		436	30	6		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							436	30	6			Feb'19	Work under 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		1763	6			Feb'20	Feb'20	
4.18.1	400KV D/C Pugalur HVDC Station - Pugalur line (Q)	116							170	1				Feb'20	Award placed in Sep'17. Work commenced.
4.18.2	400KV D/C Pugalur HVDC Station - Arasur line (Q)	120							170	2				Feb'20	Award placed in Sep'17. Work commenced.
4.18.3	400KV D/C Pugalur HVDC Station - Thiruvallam line (Q)	780							1118	2				Feb'20	Award placed in Oct'17. Work commenced.
4.18.4	400KV D/C Pugalur HVDC Station - Edayarpalayam (TANTRANSCO) line (Q)	114							155	1				Feb'20	Award placed in Sep'17. Work commenced.
4.18.5	400KV D/C Edayarpalayam (TANTRANSCO)- Udumulpet line (Q)	108							150					Feb'20	Award placed in Sep'17. Work commenced.

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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	206.44	3488.99	272	272	271	172	Mar'18	Mar'18	Gen. project delayed (ant. in 2018 -19 & beyond). 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	178	177	110		Mar'18	Line proposed to be used as contingency arrangement for evacuation of power of Mangdechhu HEP (Gen. expected by Mar/Jun'18) .
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	43.15	1425.08	1027	1027	1027	768	Dec'17	Jan'18	
5.2.1	400KV D/C Sasaram - Deltonganj line	392							523	523	523	388		Jan'18	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 & 132 KV line of state critical.
5.2.2	LILO of 400KV D/C Baripada - Mendhasal at Pandiabil (In place of 400KV D/C Mendhasal-Uttra 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.

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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.
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	3.16	118.83	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	963	Oct'13/ Mar'17	1891.41	1110.64	89	63.85	1174.49	1348	1310	1291	769	Sep'17	Jun'18	
5.4.1	400KV D/C Rajarhat - Purnea line (Triple Snowbird)	881							1223	1185	1166	687		Jun'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 area. Processing of forest case in Jharkhand slow. Work in Rajarhat was hold since last 12 months. Work resumed in Oct'17 again stopped due to protest. Matter being folowed up at all levels for early resolution & efforts being made to complete by Mar'18.
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.

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Rs. in Crore

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						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
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		Jun'18	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	32.50	87.1	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.
5.6	Eastern Region Strengthening Scheme-XV	207	Apr'16	454.11	28.5	165	119.01	147.51	288	199	149	34	Apr'18	Apr'18	
5.6.1	400KV D/C Farakka - Baharampur Line (Twin HTLS)	164							229	157	127	34		Apr'18	
5.6.2	LILO at 400KV S/C Farakka - Jeerat line at Sagardighi	38							54	42	22			Apr'18	
5.6.3	LILO at 400KV S/C Sagardighi - Subhasgram line at Jeerat	2							5					Apr'18	
5.6.4	Removal of the existing LILO of Farakka - Jeerat S/C line at Baharampur	3												Apr'18	Engg. & survry under progress.
5.7.1	Powergrid Works associated with Common Trans. System for Phase-II Gen. Proj. in Odisha.	130	Apr'16	844.64	44.8	185	92.20	137	122	122	122	130	Apr'19	Jan'18	
5.7.2	LILO of both Ckt of 400KV D/C Rourkela - Raigarh (2nd line) at Jharsaguda (Sundargarh) .	130							122	122	122	130		Jan'18	Testing under progress.
5.8	Associated Transmission System for NABINAGAR -II TPS.	466	Apr'16	790.3	129.4	240	212.89	342.29	635	556	519	266	Jun'19	Jun'19	
5.8.1	400KV D/C Nabinagar-II - Gaya line (Q)	184							245	245	245	184		Jan'18	Erection completed. Commissioning matching with Generation.
5.8.2	400KV D/C Nabinagar-II -Patna line (Q)	282							390	311	274	82		Jun'19	
5.9	Eastern Region Strengthening Scheme-XVII (Part-B)	63	Feb'17	235.53		40.1	7.29	7.29					Jun'19	Jun'19	
5.9.1	Re-conductoring of Maithon RB - Maithon 400KV D/C line	63												Jun'19	Award placed in Oct'17.

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 31.12.2017

Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	मा.सं./म.न. अनुमोदन GoI / RoD	लागत (अनुमोदित) /प्रत्याशित Cost	संचयी व्यय (मार्च '17 तक) Cumml Exp. till	चालु वर्ष का व्यय Current		संचयी व्यय Cumml Exp.	निर्माण का प्रगती Progres s. of				संपूर्ति लक्ष्य Completi on Tgt.		Remarks / Constraints & assistance required.
						अनुमति वर्ष (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
5.9.2	Bypassing arrangement of LILO of 400KV lines at Angul.													Jun'19	Award placed in Mar'17.
5.10	400KV D/C Baharampur (PG) - Bheramera (B'desh) line (IInd Ckt) - India portion	166	Sep'17	198.49			0		208				Sep'19	Sep'19	Award under progress. BPTA signing with Bangladesh critical.
5.11	Eastern Region Strengthening Scheme - XX	222	Nov'17	358.83			0						May'20	May'20	30 Month from IA.
5.11.1	Re-conductoring of Rangpo - New Siliguri 400KV D/C line (The existing Twin ACSR Moose line to be re-conducted with Twin HTLS conductor)	220												May'20	Award under progress.
5.11.2	Re-conductoring of New Purnea - Purnea 220KV D/C line (The existing New Purnea (400/220KV) - Purnea (220/132KV) 220KV D/C line needs to be re-conducted with Single HTLS conductor)Twin ACSR Moose line to be re-conducted with Twin HTLS conductor)	2												May'20	Award under progress.
5.12	TS for transfer of Power from Gen. Proj. in Sikkam to NR/WR (Part-B1)	15	Dec'17	75.39			0		20				Jun'20	Jun'20	30 Month from IA.
5.12.1	Loop-Out portion of 400KV D/C Teesta-III - Kishanganj at Rangpoo.	15							20					Jun'20	Award placed in Dec'17.

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 31.12.2017

Rs. in Crore

क्रमांक Sl. No.	परिषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	मा.स.ग.न.म. अनुमोदन GoI / RoD	लागत (अनुमोदित) /प्रत्याशित Cost	संचयन व्यय (मार्च '17 तक) Cumml Exp. till Mar'17	चालु वर्ष का व्यय Current	संचयन व्यय Cumml Exp.	निर्माण का प्रगती Progres Ref.					संपूर्ति लक्ष्य Completi on Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्ट्रींगिंग 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	85.25	2589.75	2759	2735	2679	1334	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	430	376	187		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	60		Nov'17	Part line commissioned (35Ckm) through contingency in Jun'12. Balance line commissioned in Nov'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 commissioned 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.

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 31.12.2017

Rs. in Crore

क्रमांक Sl. No.	परिषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	मा.स.ग/न.म अनुमोदन GoI / RoD	लागत (अनुमोदित) /प्रत्याशित Cost	संचयी व्यय (मार्च '17 तक) Cumml Exp. till Mar'17	चालु वर्ष का व्यय Current		संचयी व्यय Cumml Exp.	निर्माण का प्रगती Progress				संपूर्ति लक्ष्य Completi on Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
6.1.15	132KV S/C Tezu - Namsai line (on D/C)	95							332	329	327	79		Feb'18	Progress affectd due to ROW problem & geogrephical condition. Tree cutting affecting in progress.
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	39.06	66.46					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	21.75	28.25					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.

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 31.12.2017

Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	मा.स.ग/न.म अनुमोदन GoI / RoD	लागत (अनुमोदित) /प्रत्याशित Cost	संचयी व्यय (मार्च '17 तक) Cumml Exp. till Mar'17	चालु वर्ष का व्यय Current	संचयी व्यय Cumml Exp.	निर्माण का प्रगती Progres Ref.					संपूर्ति लक्ष्य Completi on Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग 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 Nagapattinum/Cuddalore Area.								1118	1099	1082	515	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	556	542	135		Mar'18	Severe ROW problem being faced in Karnataka. Issue highlight to PMO level, issue remain unsolved.
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 & commisioned in Jul'17.
5	Transmission System Strengthening Associated with Vindhychal -V								1008	795	628	225	Jun'18	Jun'18	
	765KV D/C Vindhychal - Jabalpur line	748							1008	795	628	225		Jun'18	ROW being faced in Vindhyachal area. Wildlife clearance awaited.
6	Transmission System Associated with Gadarwada STPPS of NTPC (Part-A).								1377	1316	1271	760	Nov'17	Mar'18	Contingency arrangement for Seoni-Bina at Gadarwada (31Ckm)
	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	777	735	378		Mar'18	Severe ROW being faced in Maharastra. Work was stalled at waiver due to Law & order problem created. Work restarted slow.
	LILO of 2xD/C 400KV Wardha - Parli line at Warora Pooling Stn. (Q)	196							269	268	265	176		Jan'18	Work was stalled due to law & order problem. Work restarted.
7	Transmission System Associated with Gadarwada STPPS of NTPC (Part-B).								1282	1195	1107	561	Jan'18	Mar'18	

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Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	मा.सं./नं.म अनुमोदन GoI / RoD	लागत (अनुमोदित) /प्रत्याशित Cost	संचयी व्यय (मार्च '17 तक) Cumml Exp. till	चालु वर्ष का व्यय Current		संचयी व्यय Cumml Exp.	निर्माण का प्रगती Progres Ref.				संपूर्ति लक्ष्य Completi on Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (17- 18) B.E. (17-18)	Actual upto prev. month (Nov'17)	पिछले माह तक upto prev. month (Nov'17)	लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरेक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Latest Approved Schedule	प्रत्या./ वास्त. Ant./ Act.	
	765KV D/C Warora Pooling Stn. - Parli line	694							919	857	787	416		Mar'18	Severe ROW problem in Maharastra.
	765KV D/C Parli - Solapur line	236							311	295	279	127		Jan'18	Work under progress.
	400KV D/C Parli - Parli line (Q)	36							52	43	41	18		Jan'18	Severe ROW problem.
8	Beyond Vemagiri Transmission System								2624	2110	1763	689	Apr'19	Apr'19	
	765KV D/C Vemagiri - Chilakaluripeta line	552							739	574	411	119		Apr'19	ROW being faced.
	765KV D/C Chilakaluripeta - Cuddapah line	563							764	684	643	399		Apr'19	
	400KV D/C Cuddapah - Madhugiri Trans. line (Q)	487							648	518	440	111		Feb'19	ROW being faced.
	400KV D/C Srikakulam - Garividi Trans. Line (Q)	288							393	294	267	60		Feb'19	Efforts being made to complete earlier.
	400KV D/C Chilkaluripeta - Narasaraopeta Trans. Line (Q)	60							80	40	2			Apr'19	
9	Eastern Region strengthening Scheme - XVIII								1802	83			Jul'20	Jul'20	
	765KV D/C Ranchi (New) - Medinipur line	562							764	73				Jul'20	Award placed in Mar'17. Work under progress.
	765KV D/C Medinipur - Jeerat (New) line	300							401	3				Jul'20	Award placed in Mar'17. Work 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	7				Jul'20	Award placed in Mar'17. Work under progress.
	LILO of 400KV S/C Jeerat (WBSETCL) - Subhashgram at Rajarhat (PG)	24							37					Jan'20	Award placed in Mar'17. Engg. & survey under progress.
	Other Consultancy Project														
	Srinagar - Leh Tr. System	334							1147	1075	991	264	Jan'17	Sep'18	
	220KV S/C Alusteng - Drass Line	115							425	354	270	49		Sep'18	Final forest clearance accorded in Jul'17.
	220KV S/C Drass - Kargil Line	60							203	203	203	56		Sep'18	Severe ROW problem faced in Kargil distt.
	220KV S/C Kargil - Khalsti Line	97							308	307	307	97		Jan'18	Testing under progress.
	220KV S/C Khalsti - Leh Line	62							211	211	211	62		Nov'17	Line test charged in Nov'17.

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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		संपूर्ति लक्ष्य Completion Tgt.		Remarks
						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाय 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	Feb'18	
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	Feb'18	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	Feb'18	Bongaigaon bay commissioned in Oct'14. Balance by Feb'18 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 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.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लआई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant / Act	
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 Strengthening in NR for IPP Proj. in Chittasgarh												
1.2.5	Extn. 400/220KV Jalandhar S/stn.			KPTL	Available	Compltd	Compltd	Compltd				Dec'15	Commissioned in Dec'15.
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	Jun'18	
1.3.1	Extn. of 765/400KV Angul S/stn.			Techno	Available	99%	99%	97%				Jun'18	Supply, civil works & erection under progress. Completion matching with line.
1.3.2	Extn. of 765/400KV Jharsuguda S/stn.			Techno	Available	100%	100%	100%				Jun'18	Completion matching with line.
1.3.3	Extn. of 765/400KV Dharamjaigarh S/s.			Techno	Available	99%	99%	98%				Jun'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	May'18	
1.4.1	765/400KV Srikakulam Pooling Station	2x1500		765KV GIS - Hyosung / Techno	Available	98%	98%	98%	2	2		May'18	765KV Bay commissioned in Jan'17 matching with associated line. ICT's ready. Commissioning matching with Srikakulam-Gauvari line (under TBCB rout).
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	77%	42%	18%	2			Jun'18	
1.5.2	Upgradation of +/- 800KV HVDC Converter stn. 3000MW to 6000MW at Kurukshetra Stn.	3000			Available	77%	44%	17%				Jun'18	
1.5.3	Extn. At 400/220KV Kurukshetra S/stn.				Available	Compltd	Compltd	Compltd				Dec'17	Commissioned in Dec'17.
1.5.4	Extn. At 400/220KV Jind S/stn.			Alstom	Available	Compltd	Compltd	Compltd				Dec'17	Commissioned in Dec'17.
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	95%	100%	90%	1	1		Mar'18	Work under progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लआई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant ./ Act	
1.6.2	765/400KV Aligarh Switching Stn. (GIS)			Hysoung	Acquired	96%	100%	95%				Mar'18	Work under progress.
1.6.3	Extn at 765/400KV at Jabalpur PS				Available	Compltd	Compltd	Compltd				Mar'18	Erection completed. Testing under progress.
1.6.4	Extn at 765/400KV at Jhatikara & Gwalior S/stn.			Alstom	Available	90%	85%	75%				Mar'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	85%	80%	65%				Mar'18	Work under progress.
1.7	Wardha - Hyderabad 765 KV Links		Feb'15								May'18	Jul'17	PROJECT COMPLETED
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/ Oct'17								Dec'17/ Mar'18	Mar'18	
1.8.1	765/400KV Chittorgarh Sub station	2x1500		Techno	Acquired	Compltd	Compltd	Compltd	2	2	Dec'17	Dec'17	Commissioned in Dec'17.
1.8.2	765/400KV Ajmer Sub station	2x1500		Techno	Acquired	Compltd	Compltd	Compltd	2	2	Dec'17	Dec'17	Commissioned in Dec'17
1.8.3	400/230KV Tirunelveli Pooling station (GIS)	2x500			Acquired	97%	95%	70%	1		Mar'18	Mar'18	Work under progress. To be match with Gen.
1.8.4	Extn. of 400/230KV Tuticorin Pooling station				Available	100%	100%	100%			Mar'18	Mar'18	Bay ready for commissioning.
1.8.5	Extn. of 400/220KV Chittorgarh (RVPN) & Ajmer (RVPN) S/stn. (Deposit work)			Techno	Available	Compltd	Compltd	Compltd			Dec'17	Dec'17	Commissioned in Dec'17
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	92%	85%	45%	2			Jul'18	Engg., civil work, supply & erection under progress.
1.9.2	Extn. of 765/400KV Chittorgarh S/stn.	-		BHEL	Available	98%	96%	92%				Jul'18	Bay at Ajmer commissioned. Balance work under progress. Completion matching with associated line.
1.9.3	Extn. of 765/400KV Ajmer S/stn.	-		BHEL	Available	Compltd	Compltd	Compltd				Dec'17	Commissioned in Dec'17.

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1.9,4	Extn. of 400/220KV Sankhari S/stn. (GETCO)	-		BHEL	Available	80%	60%					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	12						Nov'19	Award placed in Jun'16. Civil work commenced. Court case resolved in Dec'16.
1.11.2	800KV HVDC Pugalur Station with 6000 MW HVDC Terminal			ABB/ BHEL	Acquired	14						Nov'19	Award placed in Jun'16. Civil work commenced. Court case resolved in Dec'16.
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	55%	35%	2%	1			May'19	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	45%	30%					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	42%	25%					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	Mar'18	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%				Mar'18	Bay ready. Commissioning matching with line.

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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	Jun'18	
2.5.1	Extn. at 400KV Singrauli S/stn. at NTPC Gen. Stn.			Alstom	Available	93%	100%	80%				Jun'18	Supply, civil works & erection under progress.
2.5.2	Extn. at 400/220KV Allahabad S/Stn.			Alstom	Available	100%	99%	98%				Jun'18	Works under progress.
2.5.3	Extn. at 765/400KV Kanpur GIS			Alstom	Available	Compltd	Compltd	Compltd				Sep'17	Commisioned in Sep'17.
2.6	Northern Region System Strengthening Scheme - XXXII		Feb'14/ Mar'17								Feb'18	Dce'17	PROJECT COMPLETED
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	Compltd	Compltd	Compltd	7	7		Dec'17	Commissioned in Dec'17
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.

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2.7	Static VAR Compensators (SVCs) in Northern Region		May'14/ Mar'17								Oct'17	Dec'17	PROJECT COMPLETED
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	Compltd	Compltd	Compltd				Dce'17	Commissioned in Dec'17
2.8	Augmentation of Transformers in Northern Region - Part-B.		Mar'14/ Mar'17								Jul'17	Jan'18	
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	Compltd	Compltd	Compltd	1	1		Dec'17	Commissioned in Dec'17.
2.8.3	Extn. at 400/220KV Hamirupr S/stn.	3x105		NHVS/ EMC	Available	70%	40%	30%	3	3		Jan'18	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		85%	55%					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	96%	90%	70%				Jun'18	Engg., civil work, supply & erection under progress.
2.10	Transmission System associated with Kishanganga HEP		Jan'15/ Mar'17								Mar'18	Jun'18	Bays at Amargarh in the scope of PDD, J&K Govt (ready).
2.10.1	Extn. at 400/220KV Wagoora S/Stn. (PG). (02 nos line bays)	-		GE Alstom	Available	45%	40%	25%				Jun'18	Engg., supply, civil work & erection 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	Jan'18	Matching with line.
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.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लआई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant ./ Act	
2.12.2	Extn. at 400/220KV Kaithal Sub station	315		GE Alstom	Available	Compltd	Compltd	Compltd	1	1		Nov'17	ICT charged in Oct'17.
2.12.3	Extn. at 400/220KV Bhinamal & Jullandhar S/stn.			GE Alstom	Available	Compltd	Compltd	Compltd				Apr'17	Bay at Jullandhar S/s commissioned in Feb'17 & Bhinamal 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	Rajghat S/stn. anuled. Additional bays at Maharanibag in placed of Rajghat S/S under tendering.
2.13.2	400/220KV Dwarka -I Sub station (GIS)	4x500		L&T/ Hysoung	Acquired	70%	35%	5%				Sep'18	Land acquired in Aug'16. Award placed in Dec'16. Engg., supply, civil work & erection 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	75%	40%	5%				Oct'18	Land acquired in Jul'16. Award placed in Dec'16. Engg., supply, civil work & erection under progress. Efforts being made to complete earlier.
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	98%	92%	90%				Jun'18	Supply, civil works & erection under progress.
2.15.2	Extn. at 400/220KV Kota S/stn.			Alstom	Available	98%	92%	90%				Jun'18	Supply, civil works & erection under progress.
2.16	Augmentation of Transformation Capacity at Mainpuri & Sikar S/stn.		Jan'16								Jan'18	Feb'18	
2.16.1	Extn. at 400/220KV Mainpuri S/stn.	1x500		SPML	Available	Compltd	Compltd	Compltd	1	1		Aug'17	Commisisoned in Aug'17.
2.16.2	Extn. at 400/220KV Sikar S/stn.	1x500		SPML	Available	98%	96%	86%				Feb'18	Supply, civil work & erection under progress. Issue needs to be takk up with State for construction of 220KV line. RRVNPL 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.

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2.17.2	Extn. at 400/220KV Samba S/stn.			Godrej	Available	98%	100%	98%				Nov'18	Jalandhar bay commissioned. Balance bay to be ready expected by Jan'18. Commisisoning matching with line (TBCB).
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	60%	25%					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	50%	15%					Jan'19	Award Placed in Aug'16. Engg., supply & 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	20%	10%	2%				Feb'19	Work under progress.
2.19.2	Extn. at Nalagarh Sub station (STATCOM)	-		Ronxing/ Techno	Available	15%						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	60%	45%					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 Ballabhgarh S/stn. along with associated bays	-		Alstom	Available	45%	40%					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	15%						Feb'19	Award placed in Mar'17. Engg. & civil work under progress.
2.21.2	Extn at 400/220KV Panchkula Sub station	-			Available	10%						Feb'19	Award placed in Mar'17. Engg. & civil work under 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.
2.22.2	Extn at 765/400KV Bareilly Sub station	-		KPTL	Available							Dec'19	Award placed in Mar'17. Engg. in progress.

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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	35%	15%					Sep'19	Award placed in Mar'17. Engg., supply & civil work under 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	30%	20%					Dec'18	Award placed in Mar'17. Engg. & civil work under progress.
2.25.2	Extn. at 400KV Bhinmal Sub station	-		KEC	Available	60%	50%					Mar'19	Award placed in Mar'17. Engg., supply & civil work under progress.
2.25.3	Extn. at 400KV Sikar Sub station	-		KEC	Available	100%	100%	100%				Nov'17	Bay ready for commissioning.
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	75%	80%	55%	2	1		Mar'19	ICT-I charged in Nov'17. Balance work under progress. Efforts being made to complete earlier in FY 2018.
2.26.2	Extn. at 220/132KV Sitarganj Sub station	-		Kanohur	Available	30%	20%					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	10%						Sep'19	Award placed in Mar'17. Engg. & civil work under progress.
3.0	WESTERN REGION												
3.1	Western Region Strengthening Scheme - V		Dec'07/ Nov'12/ Jan'16/ Mar'17								Dec'17	Jun'18	Matching with line.

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3.1.1	400/220 KV Navi Mumbai (GIS).	2x315		ABB	Acquired	Compltd	Compltd	Compltd	2	2		Jun'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.
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	Compltd	Compltd	Compltd				Dec'17	Commissioned in Dec'17.
3.2	Transmission System Associated with Mundra Ultra Mega Power Proj.		Oct'08/ Mar'16/								Feb'18	Jun'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		Jun'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. & IInd 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 Ranchorpura 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.

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3.2.10	40% Fixed Series Compensation on Wardha - Aurangabad 400KV D/C line.			Alstom	Available	95%	95%	90%				Jun'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 Chhattisgarh - part-D		Nov'11/ Mar'17								Sep'17	Nov'17	PROJECT COMPLETED 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.
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	PROJECT COMPLETED
3.4.1	765/400KV Padghe S/Stn. GIS	2x1500		NHVS	Acquired	Compltd	Compltd	Compltd	2	2		Dec'17	Commissioned in Dec'17.
3.4.2	Extn. at 765/400KV Aurangabad			Alstom	Available	Compltd	Compltd	Compltd				Dec'17	Commissioned in Dec'17
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	Compltd	Compltd	Compltd				Dec'17	Commissioned in Dec'17.
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 Trfs - 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

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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 Vindhyachal - V Project of NTPC (Part-A)		Feb'15								Jul'17	Jul'17	PROJECT COMPLETED
2.9.1	Installation of 1x1500MVA, 765/400KV ICT at Vindhyachal 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.
3.11	Installation of STATCOMs in Western Region		Mar'15								Sep'17	Sep'18	
3.11.1	Extn. at 400 Aurangabad S/stn.	-		Ronxing/ Techno	Available	95%	95%	85%				Jan'18	
3.11.2	Extn. at 400 Gwalior S/stn.	-		Ronxing/ Techno	Available	55%	40%	15%				Sep'18	
3.11.3	Extn. at 400 Satna S/stn.	-		Ronxing/ Techno	Available	95%	95%	85%				Jan'18	
3.11.4	Extn. at 400 Solapur S/stn.	-		Ronxing/ Techno	Available	90%	90%	75%				Feb'18	
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	80%	70%	45%				Jul'18	Engg. supply, civil work & erection under progress.
3.12.2	Extn at 765/400KV Banaskantha S/stn.			BHEL	Available	60%	55%	10%				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	Jan'18	Matching with Generation.
3.13.1	400/220KV Rewa Pooling Station	3x500		Alstom	Acquired	95%	85%	85%	2	2		Jan'18	
3.14	Transmission System Strengthening Associated with Mundra UMPP (Part-A)		Jan'16								Jul'18	Oct'17	PROJECT COMPLETED
3.14.1	Extn. at 400KV Bachau Sub Station			Techno	Available	Compltd	Compltd	Compltd				Oct'17	Commissioned in Oct'17.

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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%	75%	60%				Jul'18	
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	
3.16.1	Extn. at 765KV Solapur S/stn.	-		Techno	Available	90%	85%	65%				Jan'18	Engg., supply, civil work & erection under progress.
3.16.2	Extn. at 400KV Parli Switching Station.	-		Techno	Available	95%	90%	80%				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	85%	90%	45%				Jun'18	Engg., supply, civil work & erection under progress.
3.18.2	Extn. at 765KV Jabalpur Pooling Station.	-		Techno	Available	85%	85%	25%				Jun'18	Engg., supply, civil work & erection under progress.
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	90%	85%	75%				Nov'18	Engg., supply, civil work & erection under progress.
3.19.2	Extn. at 765/400 KV Vindhyachal Pooling Station. (400KV Bays)	-		ABB	Available	90%	85%	80%				Jan'19	Engg., supply, civil work & erection under progress.
3.19.3	Extn. at 400 KV Gwalior (GIS)	-		Hysoung / L&T	Available	80%	75%	65%				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	85%	90%	70%				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	75%	80%	25%				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	75%	60%	45%				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.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लआई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant ./ Act	
3.20.1	Extn. at 400KV Bhuj Pooling Station			Shyam Indus	Available	55%	48%					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	40%	35%					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	60%	55%	15%				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	Compltd	Compltd	Compltd				Oct'17	Commissioned in Oct'17.
3.21.1	Extn. at 400/220KV Maupsa Sub Station.	-		Shyam Indus	Available	60%	70%	20%				Jul'18	Award placed in Sep'16. Engg., supply, civil work & erection under progress.
3.21.2	Extn. at 400KV Indore Sub Station.	-		Shyam Indus	Available	70%	55%	20%				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 2018 matching with TBCB lines.
3.22.1	Extn. at 765/400KV Vadodara Sub Stn. (Installation 125 MVAR BR)	-		L&T	Available	85%	65%	25%				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	75%	70%	30%				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	65%	70%					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.
3.23.1	Extn. at 765/400KV Bilaspur Pooling Stn. (765KV bay & 240 MVAR 765KV Switchable line reactor)	-		ABB	Available	70%	55%	20%				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	60%	45%	10%				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	20%	15%					Sep'19	Award placed in Feb'17. Engg., supply & civil works under progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लआई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant ./ Act	
3.25.3	Extn. at 400KV Indore S/stn. (MPPTCL)	-			Available	10%	15%					Sep'19	Award placed in Feb'17. Engg., supply & 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	15%	5%					Sep'19	Award placed in Feb'17. Engg., supply & civil works under progress.
3.25.6	Extn. at 400/220KV Khandwa S/stn. (3rd ICT)	500			Available	20%	10%					Sep'19	Award placed in Feb'17. Engg., supply & civil works under progress.
3.25.7	Extn. at 400/220KV Boisar S/stn. (4th ICT)	500			Available	25%	10%					Sep'19	Award placed in Feb'17. Engg., supply & civil works under progress.
3.25.8	Extn. at 400/220KV Kala S/stn. (3rd ICT)	500			Available	20%	10%					Sep'19	Award placed in Feb'17. Engg., supply & civil works under progress.
3.25.9	Extn. at 400/220KV Dehgam S/stn. (3rd ICT)	500			Available	20%	10%					Sep'19	Award placed in Feb'17. Engg., supply & 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	10%	2%					Feb'20	Award placed in Mar'17. Engg., supply & civil work under progress.
3.26.2	Extn. at 765/400KV Raigarh Pool (Kotra).	-			Available	20%	2%					Feb'20	Award placed in Mar'17. Engg., supply & civil work under progress.
3.26.3	Extn. at 765/400KV Champa Pool .	-			Available	10%	5%					Feb'20	Award placed in Mar'17. Engg., supply & civil work under 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	15%	5%					Jul'19	Award placed in Mar'17. Engg., supply & civil work under progress.
3.27.2	Extn. at 765/400KV Rajgarh Sub station.	-			Available	75%	70%	30%				Feb'18	Award placed in Mar'17. Engg., supply, civil work & erection 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.
3.28.1	Extn. at 765/400KV Banaskantha Sub station.	-			Available							Sep'18	Award placed in May'17. Engg. in progress.
3.29	Supplementary Transmission System for Ultra Mega Solar Power Park at Banaskantha (Radhanesda) Gujarat.		Dec'17								Jun'19	Jun'19	Compln Sch. : 18 months from IA.
3.29.1	400/220KV Banaskantha (Radhanesda) Pooling station. GIS	2x500			Available							Jun'19	Award placed in Dec'17. Engg. in progress.

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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	Jan'18	
4.2.1	400/220KV Yelahanka Sub station (GIS)	2x500		Siemens	Acquired	99%	99%	98%	2	2		Jan'18	Completion matching with line.
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	Mar'18	
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%				Mar'18	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	Sep'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	95%	95%	90%				Sep'18	Completion matching with line.
4.5	System Strengthening in SR - XIV		Dec'11/ Feb'15/ Mar'17								Dec'17	Mar'18	
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%				Mar'18	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%				Mar'18	Work almost completed. Completion matching with line.

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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	90%	80%	70%				Mar'18	Work under progress. Transformer supply delayed due to failure in testing.
4.6.3	Extn. at 400/220/33KV Khammam Sub station	500		Alstom	Available	90%	80%	70%				Mar'18	
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	90%	80%	70%				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	90%	80%	70%				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	90%	85%	85%	1	1		Mar'18	ICT-I commissioned in Dec'17. Balance work 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 Ractor.)	-		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 Ractor.)	-		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'18	
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 Somanhalli S/stn. (Replacement of 7x167MVA ICT's at 2x500MVAR)			CGL	Available	Compltd	Compltd	Compltd				Mar'17	Commissioned in Mar'17.

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4.8.3	Extn. at 400KV bus Reactor at Gooty, Hassan, Khammam, Trivandrum, Nellore (existing), Narendra and Nagarjunsasar 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'18	As per 40th meeting of Standing Committee of Power System held on 19.11.16. Now procurement action is started due to resolution of ROW issues for LILO at Yelahanka.
4.9	Sub station works associated with Hyderabad (Maheshwaram) Pooling Station		Mar'15								Mar'18	Sep'17	PROJECT COMPLETED
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	90%	100%	80%	2	1		Jul'18	Engg. & civil work under progress. Efforts being made for priority 400KV portion matching Hindupur Wind Gen. (expected in Dec'17).
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	Jan'18	
4.12.1	Extn at 400KV Tuticorin Pooling Stn.			Techno	Available	100%	100%	100%				Jan'18	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	Jan'18	
4.13.1	Extn. at 400/220KV NP Kunta Sub Station			Techno	Available	100%	100%	100%				Jan'18	Testing under progress.
4.14	Removal of Constraints in 400KV Bays Extn. at 400KV Vemagiri S/stn.	-	Jan'16								Jul'18	Jan'18	

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाय Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant ./ Act	
4.14.2	Extn. at 400KV Vemagiri S/stn. (PG)			Piggao	Available	90%	98%	85%				Jan'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	95%	100%	70%				Jan'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	80%	90%	65%	2	1		Dec'18	Sub station alongwith ICT-I commissioned in Dec'17. Balance work under progress.
4.15.2	Extn. at 400/220KV Hiriyr Sub station			L&T	Available	100%	90%	10%				Dec'18	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	Jan'18	
4.16.1	Extn. 400/220KV NP Kunta Sub Station	500		Techno	Available	60%	40%	25%				Jan'18	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	Oct'17	PROJECT COMPLETED
4.17.1	Extn. at 765/400KV Maheshwaram (PG) PS			Hyosung/ L&T	Available	Compltd	Compltd	Compltd				Oct'17	Ready for commissioning. Matching with TBCB line.
4.17.2	Extn. at 400/220KV Nizamabad (PG) Station				Available	Compltd	Compltd	Compltd				Mar'17	Ready for commissioning. DOC in Oct'17.
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	5%						Mar'19	Award placed in Mar'17. Civil work under progress.
4.18.2	STATCOM in 400/220KV Udumalpet S/S.	-		Hysoung/ L&T	Available	8%	1%					Mar'19	Award placed in Mar'17. Civil work under progress.
4.18.3	STATCOM in 400/220KV Trichy S/S.	-		Hysoung/ L&T	Available	6%	1%					Mar'19	Award placed in Mar'17. Civil work under 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	50%	30%	10%	1			Apr'19	Work under progress.
4.19.1	Extn at 400/230KV Karaikudi Sub station	1x500		TBEA	Available	55%	35%	5%				Apr'19	Work under progress.
4.19.1	Extn at 400/230KV Tirunelveli Sub station	1x500		TBEA	Available	50%	35%					Apr'19	Work under progress.

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4.19.1	Extn at 400/230KV Pondicherry Sub station	1x500		TBEA	Available	45%	35%					Apr'19	Work under progress.
4.19.1	Extn at 400/220KV Kozhikode Sub station	1x500		TBEA	Available	53%	40%	10%	1			Apr'19	Work under progress.
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			Hyusong/ L&T	Available	50%	60%	20%				Apr'19	Award placed in Oct'16. Engg., supply & civil work under progress.
4.20.2	Extn at 765KV Cuddapah Sub Station			Pinggao/ TATA	Available	12%	3%					Apr'19	Award placed in Oct'16. Engg., supply & civil work under progress.
4.20.3	Extn at 400KV Madhugiri Sub Station			TBEA	Available	35%	30%					Apr'19	Award placed in Dec'16. Engg., supply & civil work under progress.
4.20.4	Extn at 400KV Sriakulam Sub Station			TBEA	Available	50%	60%	35%				Apr'19	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	15%	20%					Jan'19	Work under progress.
4.21.2	Extn at 400/220KV Tumkur (Vasantnarsapur) Sub Station	1x500		BHEL	Available	20%	20%					Jan'19	Work under progress.
4.21.1	Extn at 400/220KV Mysore Substation	-		BHEL	Available	20%	20%					Jan'19	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		15%	30%	10%				Aug'18	Award placed in Mar'17. Work under progress. Efforts being made to complete earlier.
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	4%						Nov'19	Award placed in Mar'17. Engg. & civil work under progress.

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4.23.2	Extn at 765/400KV Kurnool S/S.			L&T	Available	20%						Nov'19	Award placed in Mar'17. Engg. & civil work under 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	10%	10%					Jun'19	Award placed in Mar'17. Engg., supply & civil work under progress.
4.24.2	Extn at 765/400KV Kurnool Sub station.			KEC	Available	10%	20%					Jun'19	Award placed in Mar'17. Engg., supply & civil work under progress.
4.24.3	Extn at 765/400KV Nellore PS.			KEC	Available	18%	10%					Jun'19	Award placed in Mar'17. Engg., supply & civil work under progress.
4.24.4	Extn at 765/400KV Raichur Sub station.			KEC	Available	10%	10%					Jun'19	Award placed in Mar'17. Engg., supply & civil work under progress.
4.24.5	Extn at 765/400KV Thiruvalam Sub station.			KEC/ TBEA	Available	40%	5%					Jun'19	Award placed in Mar'17. Engg., supply & civil work under 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			Acquired	5%						Apr'20	Award placed in Mar'17. Engg. & civil work under progress.
4.25.2	+/- 320KV VSC based HVDC Terminal at North Trichur (2000MW)	2000MW & 630			Acquired	3%						Apr'20	Award placed in Mar'17. Engg. & civil work under 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.
4.26.1	Extn at 400KV Ariyalur (Villupuram) S/stn. (TANTRANSCO) scope				Available							Jul'19	Deposit work by TANTRANSCO.
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.			KEC	Available	8%						Feb'19	Award placed in Jul'17. Engg. & civil work under progress.
4.27.2	Extn at 400/220KV Devanahally (KPTCL) Sub Station.				Available							Feb'19	Deposit work by KPTCL.

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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 placed in Dec'17.
4.28.2	Extn at 400KV Pugalur (eisting) Sub Station.				Available							Feb'20	Award placed in Dec'17.
4.28.3	Extn at 400KV Arasur Sub Station.				Available							Feb'20	Award placed in Dec'17.
4.28.4	Extn at 400KV Thiruvalem Sub Station.				Available							Feb'20	Award placed in Dec'17.
4.28.5	Extn at 400KV Udumulpet Sub Station.				Available							Feb'20	Award placed in Dec'17.
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.
5.1.2	Extn. of +/- 800KV HVDC at Agra with 3000MW.			ABB	Available	Compltd	Compltd	Compltd	4	4		Sep'17	ICT's HVAC commissioned in Sep'17.
5.2	Eastern Region Strengthening Scheme - III		July'10/ Mar'17								Dec'17	Jan'18	
5.2.1	400/220 KV Daltonganj	2x315		Alstom	Acquired	92%	95%	85%	2	2		Jan'18	Award placed in May'16 after re-tendering. Supply, civil works & erection under progress. 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.
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.

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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	95%	95%	90%				Jan'18	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	Mar'18*	* 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	Jun'18	
5.4.1	400/220KV Rajarhat S/Stn. (GIS)	2x500		Siemens	Acquired	90%	95%	85%	2	2		Jun'18	Work under completion. However, work was standstill due to severe ROW problem since Jan'17 & protest by locals, who were not allowing to enter in Rajarhat S/S. Land acquired in Feb'14. work resumed in Oct/Nov'17 but again stalled due to protest by locals.
5.4.2	Extn at 400KV Farakka S/stn.			Sterling & Willsion	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	Mar'18	
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	95%	92%	80%				Jan'18	IIInd 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. Extn. at Biharshariff in Oct'17. Extn. at Jamshedpur commissioned in Nov'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.

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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	Compltd	Compltd	Compltd	2	2		Oct'17	ICT-I commissioned in Sep'16 & ICT-II in Oct'17.
5.5.5	Procur. 500MVA ICT at 765/400KV Gaya S/stn.			Alstom	Available	100%						Mar'18	ICT expected to be dispatched by Mar'18.
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	78%	70%	60%	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	68%	72%	60%	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.	315		Alstom	Available	Compltd	Compltd	Compltd	1	1		Dec'17	Commissioned in Dec'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%				*	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 was delivered to Durgapur. *Scope was earlier proposed to be deleted from scheme. Now again proposal to be transported via different route & commissioned at Farakka.
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.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लआई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant ./ Act	
5.6.9	Repl. 1 no. ICT's, 100MVA to160MVA 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 to160MVA 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	97%	95%	92%				Jan'18	Siliguri commissioned in Nov'16 & balance work under progress. Work under progress at Purnea.
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
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	Commisioning in April'17.
5.9	Eastern Region Strengthening Scheme-XV		Apr'16								Apr'18	Apr'18	Agreement between WBSETCL & PGCIL signed on 22.08.17. Work has to be executed on deposit work basis by WBSETCL. Due to addl. Scope at Jeerat compln. Sch. extended 01 yeari.e Apr'19.
5.9.1	Extn at 400/220KV at Farakka S/stn.			GE	Available	95%	40%	15%				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	75%	60%					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							Apr'18	
5.9.4	Extn at 400KV at Baharampur S/stn.			GE	Available	95%	65%	30%				Apr'18	Work under progress.
5.9.5	Extn at 400KV at Subhashgram S/stn.			GE	Available	90%	30%					Apr'18	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.

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5.10.1	Extn. at 765/400KV Jharsuguda S/stn. (Sundargarh) with split Bus Arrangement	2x1500		Xin/ Techno	Available	40%	40%	30%				Apr'19	Supply, civil work & erection under progress. 400KV portion targetted for commissioning earlier.
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	15%	10%	5%				Jun'19	Engg & civil work under progress.
5.11.2	Extn. at 765/400KV at Gaya S/stn. for Nabinagar-Gaya line	-			Available	100%	100%	100%				Jan'18	Erection completed. Commissioning matching with line.
5.11.3	Extn. at 765/400KV at Patna S/stn.	-		GE	Available	10%						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	75%	40%	15%				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	50%	15%					Nov'18	Award placed in Jun'16. Engg., suppl & civil work under progress
5.12.3	Extn. at 400/220KV Lakhisari S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	60%	40%	25%				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	80%	45%	40%				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	85%	15%					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%	15%				Nov'18	Award placed in Jun'16. Engg., supply, civil work & erection under progress
5.12.7	Extn. at 400/220KV Baripada S/Stn. GIS (Installation of 125 MVARBus Reactor)	-		GE	Available	95%	98%	90%				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	Compltd	Compltd	Compltd				Oct'17	Commissioned in Oct'17.
5.13	Eastern Region Strengthening Scheme-XI		May'16								Nov'18	Nov'18	
5.13.1	STATCOM in Rourkela S/stn.	-		Siemens	Available	80%	85%	70%				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	40%	35%	30%				Nov'18	Work under progress
5.13.3	STATCOM in Kishanganj S/stn.	-		Siemens	Available	60%	20%	10%				Nov'18	Work under progress

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5.13.4	STATCOM in Jeypore S/stn.	-		Siemens	Available	45%	80%	25%				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	Jan'18	
5.14.1	Extn. at 400/220KV Daltonganj S/stn. (2x160, 220/132/33KV, 3 Ph. (ICTs)	2x160		GE	Available	90%	90%	85%	1			Jan'18	Engg., supply, civil work & erection under progress
5.15	Eastern Region Strengthening Scheme-XVII (Part-B)		Feb'17								Jun'19	Jun'19	
5.15.1	Extn. at 400/220KV Gaya S/stn.	500			Available	8%						Jun'19	Award placed in Jun'17. Engg. & civil work under progress.
5.15.2	Extn. at 400/220KV New Siliguri S/s (3rd ICT)	315			Available							Jun'19	Award placed in Jun'17.
5.15.3	Extn. at 400/220KV Durgapur S/stn. (3rd ICT)	315		SPML	Available		10%					Jun'19	Award placed in Mar'17. Engg. & supply under progress.
5.15.4	Extn. at 400/220KV Jeypore S/stn.	630		SPML	Available	5%						Jun'19	Award placed in Mar'17. Engg. & civil work under progress.
5.15.5	Extn. at 400/220KV Rourkela S/stn.	630		SPML	Available	10%	5%					Jun'19	Award placed in Mar'17. Engg., supply & civil work under progress.
5.15.6	Repl. of 400/220KV Malda S/st. (2x315MVA to 2x500 MVA)	370		SPML	Available	10%						Jun'19	Award placed in Mar'17. Engg. & civil work under 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	5%						Sep'19	Award placed in Mar'17. Engg. & civil works under progress.
5.16.2	Extn. at 400/220KV Chandwa (Jharkhand Pool) GIS	-		Hyosung	Available	20%	10%					Mar'18	Award placed in Feb'17. Engg., supply & civil work under progress.
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.

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5.18.3	Extn. at 400/220KV Kishenganj S/stn.	-			Available							Mar'19	Award placed in Jun'17. Engg. in progress.
5.19	Eastern Region Strengthening Scheme - XX		Nov'17								May'20	May'20	Compln. Sch. - 30 months from IA
5.19.1	Extn. at 400/220KV Biharshariff S/Stn.	500			Available							May'20	Award placed in Dec'17.
5.19.2	Extn. at 400/220KV Maithon S/Stn.	500			Available							May'20	Award placed in Dec'17.
5.19.3	Extn. at 400/132KV Banka S/Stn.	315			Available							May'20	Award placed in Dec'17.
5.19.4	Extn. at 400/220KV Lakhisarai S/Stn.	315			Available							May'20	Award placed in Dec'17.
5.19.5	Extn. at 220/132KV Rangpo S/Stn.	100			Available							May'20	Award placed in Dec'17.
5.19.6	Repl. 220/132KV 50MVA to 160MVA at Malda S/stn.	110			Available							May'20	Award placed in Dec'17.
5.19.7	Extn. at 220KV Biharshariff (BSPTCL) S/S.	-			Available							May'20	Award placed in Dec'17.
5.19.8	Extn. at 400/220KV New Siliguri S/s	-			Available							May'20	Award placed in Dec'17.
5.19.9	Extn. at 400KV Subhashgram S/Stn.	-			Available							May'20	Award placed in Dec'17.
5.19.10	Extn. at 765/400KV Ranchi (New) S/Stn.	-			Available							May'20	Award placed in Dec'17.
5.19.11	Extn. at 400/220KV New Purnea S/Stn.	-			Available							May'20	Award placed in Dec'17.
5.19.12	Extn. at 220/132 KV Purnea S/Stn.	-			Available							May'20	Award placed in Dec'17.
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 Mokokchung 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	75%	100%	40%	2	2		Feb'18	Works under progress. Completion matching with associated lines. Critical.

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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	Jun'18	Completion Sch. - 27 months from IA.
6.2.1	2nd ICT at 400/220KV Bongaigaon S/s.	315		Alstom	Available	60%	50%	45%	1			Mar'18	Engg., supply, civil work & erection under progress..
6.2.2	Repl. of 220/132KV 1x50 MVA to 1x160 MVA at Kopili S/stn.	110		Alstom	Available	50%	40%	38%				Jun'18	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	75%	70%	55%	1	1		Jun'18	ICT-I commissioned in Sep'17. Balance work under progress.
6.2.4	Extn. of 220KV Salakati S/stn.			Alstom	Available	48%	45%	35%				Mar'18	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	30%	25%					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	40%	25%	15%				May'18	Engg., supply, civil work & erection 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	60%	40%	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	55%	40%	8%				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	20%	10%					Jul'18	Engg., supply & civil work under progress.
6.4.2	3rd ICT at 400/132KV Silcher Sub station & (Spare ICT, 200MVA).	315		Sterling & Willsion	Available	40%	35%	25%				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 Mokochung GIS & MVAR Bus Reactor at Mokochung.	31.5		ABB / Sterling & Willsion	Available	10%	15%	2%				Jul'18	Work under progress.

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6.4.4	Extn. at 220/132KV Kopli Sub station (Spare ICT, 160 MVA).	160		Sterling & Willsion	Available	5%	15%					Jul'18	Work under progress.
6.4.5	Extn. at 132/33KV Nirjuli Sub station (Spare ICT, 50MVA).	50		Sterling & Willsion	Available	5%	15%					Jul'18	Work under 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	45%	40%	25%				Jul'18	Work under progress.

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 31.12.2017

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		संपूर्ति लक्ष्य Completion Tgt.		Remarks
						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाय Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant ./ Act	
	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	Jan'18	
	765/400KV Warora Pooling Station	2x1500		Siemens	Acquired	98%	99%	90%	2	1		Jan'18	Work under progress. Work affected due to interference from local political since Oct'17.
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	80%	55%	25%	1	1		Jan'18	Work under progress.
4	<u>Beyond Vemagiri Transmission System</u>										Apr'19	Apr'19	
	765/400KV Chilakuripeta Sub station	7x500		GE	Acquired	65%	25%	20%				Apr'19	Award placed in Dec'16. Work under progress.
	400KV Satenapalli (Narasaraopeta) & Garividi (AP) Sub station			GE	Acquired	85%	45%	18%				Apr'19	Award placed in Dec'16. Work under progress.
5	<u>Eastern Region strengthening Scheme - XVIII</u>										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.	100%	100%	100%				Sep'18	Ready for charging.
	220/66 KV Kargil Sub station	7x16.67		KEC	Acquired.	85%	99%	80%				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.	Compltd	Compltd	Compltd				Nov'17	Sub station test charged in Oct'17.
	220/66 KV Leh Sub station	7x16.67		KEC	Acquired.	Compltd	Compltd	Compltd				Nov'17	Sub station test charged in Nov'17.