



ISO: 9001-2008

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

(As on 31.01.2017)

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 31/01/2017

Rs. in Crore

PART - I : पारेषण लाईनस TRANSMISSION LINES

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टावर ईरक्शन Tower Erect. (no.)	स्ट्रींग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
1.0	MULTI REGIONAL SYSTEMS (IR Lines*)														
1.1	North East / Northern Western Interconnector -I Project	5103	Feb'09/ Nov'15	13762.8	11726.3	573	411.50	12137.8	6561	6305	6060	4449	Aug'13/ Dec'17	Dec'17*	* except ATS for Lower Subhansari HEP as Gen. Project is 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							984	981	968	653		Dec'17	Kameng HEP, ant. by Dec'17.
1.1.2.1	400KV D/C Kameng - Balipara line	114							149	146	133	44		Dec'17	ATS slowed-down to the extent possible to match Gen.
1.1.2.2	400KV D/C Balipara - Bongaigaon line (Quad)	609							835	835	835	609		Oct'14	Line ready for commissioing in Oct'14 & commissioned on 02.11.14.
1.1.3	Part-C : Transmission System for immediate evacuation of Power from Lower Subhansiri HEP	683							909	656	424	99		*	Generation Project 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	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - A2.	779	Dec'11	2422.66	2471.86	90	67.90	2539.76	2122	2122	2122	779	Aug'14	Apr'16	PROJECT COMPLETED.

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 31/01/2017

Rs. in Crore

क्रमांक Sl. No.	परिषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.म अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टावर ईरक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
1.2.1	765KV S/C Ranchi New(765/400KV S/S) - Dharamjaygarh / Near Korba line *	341							921	921	921	341		Dec'15	Line commissioned in Dec'15.
1.2.2	765KV S/C Gaya - Varanasi line *	273							738	738	738	273		Apr'16	Line commissioned in Apr'16.
1.2.3	765KV S/C Balia - Varanasi line	165							463	463	463	165		Mar'16	Line commissioned in Mar'16.
1.3	Transmission System Associated with KRISHNAPATNAM UMPP - Part - B.	594	Feb'12/ Mar'16	1940.58	1619.27		67.10	1686.37	1398	1398	1398	594	Oct'14/ Mar'16	Apr'16	PROJECT COMPLETED.
1.3.1	765KV S/C Raichur - Sholapur line *	208							533	533	533	208		Dec'13	Line commissioned in Dec'13.
1.3.2	765KV S/C Sholapur - Pune line	268							750	750	750	268		Feb'15	Line commissioned in Feb'15.
1.3.3	LILO of 400KV D/C Parli - Pune line at Pune (GIS) (including Multi - Ckt)	39							32	32	32	39		Feb'15	LILO line commissioned in Feb'15.
1.3.4	LILO of 400KV D/C Pune - Aurangabad line at Pune (GIS) (including Multi - Ckt)	58							67	67	67	58		Apr'16	Line commissioned in Apr'16.
1.3.5	LILO of 400KV D/C existing Raichur - Gooty at Raichur (new) S/Stn. (Quad)	21							16	16	16	21		Dec'13	Line commissioned in Dec'13.
1.4	WR - NR HVDC Interconnector for IPP Projects in Chattisgarh	3135	Mar'12	9569.76	6135.79	795	572.20	6707.99	4250	4250	4250	3135	Jun'15	Jun'17*	*Pole-II completion.
	PART-A: WR-NR Interconnector for IPP Projects in Chattisgarh														
1.4.1	+/- 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		Feb'17	Erection completed & testing under progress. Commissioning matching with readiness of HVDC terminals (1500 MW) - ant. by Feb'17.
	PART-B: Trans. System Strenthening in NR for IPP Proj. in Chittasgarh														
1.4.2	400KV D/C Kurukshetra - Jallandhar line (Quad) (one ckt vis 400/220KV Nakodar (PSTCL) S/Stn.)	531							728	728	728	531		Dec'15	Line ready for commissioning in Nov'15 & commissioned in Dec'15.
1.4.3	LILO of Abdullapur - Sonapat 400KV D/C at Kurukshetra (Tripal)	30							45	45	45	30		Dec'15	Line ready for commissioning in Nov'15 & commissioned in Dec'15.
1.5	Common System Associated with East Coast Energy Pvt. Ltd and NCC Power Projects Ltd. LTOA Gen. Proj. in Srikakulam -Part-A	552	Jun'12	1909.24	1093.03	90	172.0	1265.03	730	730	730	552	Jun'15	Jan'17	PROJECT COMPLETED.
1.5.1	765KV D/C Srikakulam Pooling Station - Angul line *	552							730	730	730	552		Jan'17	Line commissioned in Jan'17.

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Rs. in Crore

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						अनुमति बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
1.6	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	2514.88	1101.55	800	561.70	1663.25	1197	1024	899	200	Dec'15	Dec'17	
1.6.1	765KV D/C Angul - Jharsauguda line	590							790	694	581	109		Jun'17	ROW being faced near Angul end. Huge forest involvement (Stage-I clearance awaited). REC held. Observation raised complied. To be put up to REC again.
1.6.2	765 KV D/C Jharsuguda - Dharamjaygarh line	300							407	327	261	57		Jun'17	Huge forest involvement. Forest clearance approval awaited. Critical
1.7	Trans. Syatem Strengthening in WR - NR Tran. Corridor for IPP's in Chaittisgarh	190	Jun'14	5151.37	831.1	1600	167.0	998.1	270	255	250	42	Mar'18	Mar'18	
1.7.1	400KV D/C Kurukshetra - Jind line (Q)	190							270	255	250	42		Mar'18	Work under progress. Efforts are being made to complete the line earlier.
1.8	Inter-Regional System Strengthening Scheme in WR and NR (Part-B)	1599	Dec'14	6517.36	515.8	2045	1172.40	1688.2	2185	1879	1637	422	Apr'18	Apr'18	
1.8.1	765KV D/C Jabalpur Pooling Stn. - Orai line	721							969	886	846	297		Apr'18	Effort being made to complete earlier ie by Mar'18.
1.8.2	765KV D/C Orai - Aligarh line	662							939	764	601	75		Apr'18	Effort being made to complete earlier ie by Mar'18. Severe ROW problem near urban area.
1.8.3	400KV D/C Orai - Orai line (Q)	76							103	100	94	43		Apr'18	Effort being made to complete earlier ie by Mar'18.
1.8.4	LILO of one ckt of Satna-Gwalior 765KV 2x S/C line at Orai	73							104	102	84	7		Apr'18	Effort being made to complete earlier ie by Mar'18. Stringing commenced from Jan'17.
1.8.5	LILO of Agra - Meerut 765KV S/C at Aligarh	30							37	9	6			Apr'18	Effort being made to complete earlier ie by Mar'18.
1.8.6	LILO of Kanpur - Jhatikara 765KV S/C at Aligarh	37							33	18	6			Apr'18	Effort being made to complete earlier ie by Mar'18.
1.9	Wardha - Hyderabad 765 KV Links	1072	Jan'15	3662.02	505.4	1800	1163.30	1668.7	1464	1339	1264	750	May'18	May'18	
1.9.1	765KV D/C Wardha - Nizamabad line	577							785	769	759	512		Mar'17	Efforts being made for early completion ie by Mar'17.
1.9.2	765KV D/C Nizamabad - Hyderabad line	486							664	555	490	238		May'18	Effort being made to complete earlier ie by Sep'17.

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Rs. in Crore

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1.9.3	400KV D/C Nizamabad - Dichpali line	9							15	15	15			Mar'17	Work under progress.
1.10	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - A	278	Apr'15	1479.3	128	260	255.60	383.6	402	301	222	53	Apr'17	Dec'18	
1.10.1	400KV D/C Ajmer (New) - Ajmer (RVPN) line (Q)	132							199	152	145	28		Sep'17	18 locs. under severe ROW problem. Matter already taken up with State admn. Not yet resolved. Critical
1.10.2	400KV D/C Chittorgarh (NEW) - Chittorgarh (RVPN) line (Q)	98							136	131	73	25		Sep'17	
1.10.3	400KV D/C Tirunelveli PS-Tuticorin PS line-1 (Q)	24							33	12	1			Dec'18	Due to delay in Gen. Work has been slowed-down to match with Gen. by Mar'18.
1.10.4	400KV D/C Tirunelveli PS-Tuticorin PS line-2 (Q)	24							34	6	3			Dec'18	Due to delay in Gen. Work has been slowed-down to match with Gen. by Mar'18.
1.11	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - B	1068	Apr'15	3705.61	440.4	765	636.40	1076.8	1479	1195	951	58	Apr'18	Apr'18	
1.11.1	765KV D/C Banaskanta - Chittorgarh line	603							843	605	426			Apr'18	Work under progress.
1.11.2	765KV D/C Chittorgarh - Ajmer line	422							577	565	525	58		Dec'17	Efforts are being made to complete match with readiness of Ajmer-Ajmer & C'garh-C'garh line. 12 locs. under ROW & 01 loc. under sub judice.
1.11.3	400KV D/C Banaskanta - Sankhari line	43							59	25				Apr'18	
1.12	Transmission System Strengthening in Indian System for Transfer of Power from Mangdechhu Hydroelectric Proj, in BHUTAN	375	Mar'16	808.63		80	25.80	25.8	540	72	5		Jan'18	Jan'18	
1.13.1	400KV D/C Jagmeling - Alipurduar line (Q) (india Side)	375							540	72	5			Jan'18	Work under progress. Delay in froest clearance . Forest perposal submitted.
1.13	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		2540	8.40	8.4					Nov'19	Nov'19	

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1.12.1	+/- 800KV Raigarh (HVDC Stn.) - Pugalur (HVDC Stn.) HVDC Bipole link	3676												Nov'19	Packages under tendering/award.
1.14	Green Energy Corridore ISTS - Part -D	1380	May'16	3519.59		250	161.60	161.6	808	11			May'19	May'19	
1.14.1	765KV D/C Ajmer (new) - Bikaner line	544							808					May'19	Award placed in Aug'16. Engg. in progress.
1.14.2	765KV D/C Bikaner - Moga (PG) line	700							1018	11				May'19	Award placed in Aug'16. Work under progress.
1.14.3	LILO of 01 ckt of 400KV Bhadla (RVPN) - Bikaner (RVPN) D/C line at Bikaner (NEW)	136							202					May'19	Award placed in Dec'16.
2.0	<u>NORTHERN REGION</u>														
2.1	Northern Region System Strengthening Scheme - XVIII	330	Feb'09	509.66	566.26	20	69.70	635.96	443	443	443	330	Nov'11	Jan'17	PROJECT COMPLETED.
2.1.1	400KV D/C Dehradun - Bagpat line (Q)	330							443	443	443	330		Jan'17	Line commissioned in Jan'17.
2.2	Northern Region System Strengthening Scheme - XIX	122	Feb'09/ Mar'16	477.41	374.67	10	36.70	411.37	177	177	177	122	Feb'12/ Mar'16	Jun'16	PROJECT COMPLETED.
2.2.1	LILO of 400KV D/C Meerut - Kaithal line at Bagpat (Q)	122							177	177	177	122		May'16	Ckt-I charged alongwith ICT-I in Mar'16 & Ckt-II commissioned in May'16.
2.3	System Strengthening in Northern Region for SASAN & MUNDRA (UMPP)	1381	Dec'09 / May'16	1428.87	1074.89		17.20	1092.09	1896	1896	1896	1381	Aug'12 / Sep'16	Jan'17	PROJECT COMPLETED.
2.3.1	400KV D/C Agra - Sikar line (Q)	772							1044	1044	1044	772		Dec'13	Line commissioned in Dec'13.
2.3.2	400KV D/C Sikar - Jaipur line	339							484	484	484	339		Jan'17	Line commissioned in Jan'17.
2.3.3	400KV D/C Sikar - Ratnagarh line	156							209	209	209	156		Jan'15	Line commissioned in Jan'15.
2.3.4	LILO of both ckt of Nathpa Jhakri - Abdullapur 400KV D/C (Tripal Snowbird) at Panchkula	102							133	133	133	102		Feb'12	Commissioned in Feb'12.
2.3.5	LILO of both ckt of Sikar (RVPN) - Ratnagarh 220KV D/C at Sikar	12							26	26	26	12		Apr'12	LILO of Ckt-I (6 Ckm) commissioned in Jan'12 & IInd ckt in April'12.
2.4	Northern Regional Transmission Strengthening Scheme	456	Mar'10	965.58	785.94	5	20.40	806.34	667	624	589	399	Nov'12	May'16	PROJECT COMPLETED.
2.4.1	400KV D/C Bhiwani - Jind line	165							240	240	240	165		Mar'13	Line commissioned in Mar'13.

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 31/01/2017

Rs. in Crore

क्रमांक Sl. No.	परिषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.म अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च '15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टावर ईरक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
2.4.2	LILO of both ckt of 400KV D/C Balia - Lucknow line at Sohawal	24							45	45	45	24		Jan'13	LILO of ckt-II (12Ckm) commissioned in Jun'12. & Ckt-I in Jan'13.
2.4.3	LILO of both ckt of 400KV D/C Dehradun - Bagpat line (Q) at Saharanpur	57							78	35				*	* Line deleted from scope due to severe ROW issue at Saharanpur end..
2.4.4	LILO of both ckt of 400KV D/C Lucknow - Bareilly line (PG) at Shahjahanpur	61							90	90	90	61		Jun'14	LILO of Ckt-I (32 Ckm) commissioned in Feb'12 by-passing Sahajanpur S/s for providing connectivity for evacuation of Power from ROSA power. Ckt-II charged in Jun'14.
2.4.5	LILO of both ckt of 400KV D/C Agra - Jaipur line at Jaipur	149							214	214	214	149		Aug'12	LILO of 01 ckt commissioned in May'12 & Ckt-II in Aug'12.
2.5	Northern Regional System Strengthening Scheme - XVI	288	July'10/ May'15	689.03	564.42	25	40.60	605.02	419	416	415	283	July'13/ Nov'15	Mar'17	
2.5.1	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
2.5.2	400KV D/C Kishenpur - New Wanpoh line.	279							399	396	395	274		Mar'17	Due to disturbance in Kashmir since Jul'16. Site work affected due to heavy sonwfall. 01 loc. & 1.09 Kms under severe ROW.
2.6	Northern Regional System Strengthening Scheme - XXI	832	Aug'10	1677.57	1475.22	1	23.90	1499.12	1495	1495	1495	832	Apr'13	Jun'16	PROJECT COMPLETED.
2.6.1	765KV S/C Lucknow - Bareilly line	252							684	684	684	252		Mar'14	Line commissioned in Mar'14 (Through contingency arrangement)
2.6.2	400KV D/C Bareilly (New) - Bareilly (Exist) line (Quad)	3							5	5	5	3		Mar'14	Ckt-I&II commissioned in Mar'14/Mar'15.
2.6.3	400KV D/C Bareilly - Kashipur line (Quad)	202							282	282	282	202		Apr'15	Line commissioned on Apr'15.
2.6.4	400KV D/C Kashipur - Roorkee line (Quad)	302							420	420	420	302		Dec'15	Line commissioned in Dec'15.
2.6.5	400KV D/C Roorkee - Saharanpur line (Quad)	73							104	104	104	73		Jun'16	Ckt-I commissioned in May'16 & Ckt-II in Jun'16.
2.7	Northern Regional System Strengthening Scheme - XXIV	293	Nov'11	723.63	614.72	40	73.10	687.82	587	581	570	245	Nov'14	Jun'17	

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2.7.1	400KV D/C Dehradun-Abdullapur line (Q)	178							247	246	242	141		Jun'17	5.0 Kms of stringing at Saharanpur under severe ROW. Delay in tree cutting by forest deptt. in Utrakhhand affected stringing.
2.7.2	400KV D/C Dulhasti - Kishenpur line (Q) Single ckt strung.	115							340	335	328	104		Jun'17	Severe ROW at 02 locs. in Doda Distt. since beginning. Site work affected due to heavy snowfall in the Region.
2.8	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - B.	1398	Feb'12	3201.44	3273.71	175	264.50	3538.21	2558	2558	2558	1399	Oct'14	Oct'16	PROJECT COMPLETED.
2.8.1	765KV D/C Varanasi - Kanpur line	652							885	885	885	652		Jul'16	Line completed in Jun'16 & commissioned in Jul'16.
2.8.2	765KV S/C Kanpur - Jhatikara line	466							1269	1269	1269	466		Jul'16	Line completed in Jun'16 & commissioned in Jul'16.
2.8.3	400KV D/C Kanpur (new) - Kanpur (Exit.) line (Q)	43							62	62	62	43		Jul'16	Line completed in Jun'16 & commissioned in Jul'16.
2.8.4	400KV D/C Varanasi-Sarnath line (Q)	213							306	306	306	214		Oct'16	Line completed & commissioned in Oct'16.
2.8.5	LILO of 400KV Sasaram-Allahabad at Varanasi (Q).	24							36	36	36	24		Mar'16	Line charged in Mar'16.
2.9	Northern Region System Strengthening Scheme - XXVIII	264	Sep'12	524.4	351.02	55	21.0	372.02	365	365	365	264	May'15	Aug'16	PROJECT COMPLETED.
2.9.1	Extn. of one 400KV D/C Biharshariff - Sasaram line to Varanasi (Q)	251							344	344	344	251		Mar'16	Line commissioned in Mar'16.
2.9.2	LILO of 765KV S/C Gaya - Fatehpur line at Varanasi	7							9	9	9	7		Mar'16	Commissioned in Mar'16.
2.9.3	400KV D/C Sasaram - Allahabad line (existing) to be shifted from NR bus to ER Bus (Q)	6							12	12	12	6		Aug'16	Commissioned in Aug'16.
2.10	Strengthening Scheme in Northern Region	34	Oct'12	100.55	37.03	15	53.60	90.63	65	65	65	34	Oct'14	Sep'17	S/stn. extn balance, expected by Sep'17.
2.10.1	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)
2.11	Northern Region System Strengthening Scheme -XXVII	48	Dec'12	96.27	64.38	5	8.70	73.08	63	63	63	48	Aug'14	Jun'16	PROJECT COMPLETED.
2.11.1	LILO of 400KV S/C Dehar-Bhiwani line at Rajpura (PSTCL)	30							43	43	43	30		Jun'16	Line commissioned in Jun'16.

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2.11.2	LILO of 400KV S/C Dehar-Panipat line at Panchkula	18							20	20	20	18		Mar'15	Line commissioned in Mar'15
2.12	Trans. System Associated with Meja TPS.	56	Mar'13	55.73	35.95	2	5.70	41.65	81	81	81	56	July'15	Apr'16	PROJECT COMPLETED.
2.12.1	400KV D/C Meja - Allahabad line	56							81	81	81	56		Apr'16	Line charged under antithift measure but, commisioning held up due to delay in Gen. project.
2.13	Transmission System Associated with RAPP 7 & 8 - Part-A.	90	Mar'13	100.4	32.9	35	33.60	66.5	133	115	101	17	Mar'15	Jun'17	Generation project delayed. (now ant. by 2017-18)
2.13.1	400KV D/C RAPP - Kota line	90							133	115	101	17		Jun'17	Forest clearance received in Dec'16. Work under progress.
2.14	Northern Region System Strengthening Scheme -XXV	394	Sep'13	680.69	499.49	75	64.50	563.99	914	914	914	394	Mar'16	Oct'16	PROJECT COMPLETED.
2.14.1	765KV S/C Jaipur (RVPNL) - Bhiwani line (IInd Ckt)	277							751	751	751	277		Oct'16	Line commissioned in Oct'16.
2.14.2	400KV D/C Bhiwani - Hissar line	113							159	159	159	113		Oct'15	Line commissioned on 30.10.15.
2.14.3	LILO of 400KV D/C Moga -Bhiwadi line at Hissar	4							4	4	4	4		Jun'15	Line commissioned in Jun'15.
2.15	Northern Region System Strengthening Scheme -XXX	631	Feb'14	539.82	145.2	114	207.30	352.5	1088	913	850	355	Jun'16	Jun'17	
2.15.1	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)	152							436	282	241	42		Jun'17	Work under progress. ROW at Singrauli end.
2.15.2	400KV D/C Allahabad - Kanpur line	479							652	631	609	313		Jun'17	ROW at both ends..
2.16	Northern Region System Strengthening Scheme -XXXII	529	Feb'14	908.08	320.5	245	238.60	559.1	746	716	694	337	Jun'16	Sep'17*	* matching with S/stn. extn.
2.16.1	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.
2.16.2	400KV D/C Lucknow - Kanpur line	320							449	420	401	141		May'17	ROW in Lucknow end.

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2.16.3	LILO of 400KV D/C Dadri - Malerkotla line at Kaithal	50							74	73	70	37		Mar'17	ROW in balance work. Land owners demanding compensation as per guidelines of MoP. State Govt. . High Court has directed to State to finalise by 31.01.17. Delay in finalisation of compensation.
2.16.4	LILO of 01 ckt of 400KV D/C RAPP - Kankroli line at Chittorgarh (RRVPL). (15Km Multi-ckt & 3 Km D/C)	28							40	40	40	28		Oct'16	Line commissioned in Oct'16.
2.17	Transmission System associated with Tehri Pump Storage Plant (PSP)	17	Jan'15	871.62	45	183	49.10	94.1	53	27	20		Oct'17	Oct'17	Gen. Project anti. by Sep'19.
2.17.1	400KV S/C Tehri Gen. - Tehri Pooling Station (Q)	13							38	27	20			Oct'17	Work being slowed down to match with the Generation commissioning.
2.17.2	Charging of Tehri Pooling - Meerut765KV line	4							15					Oct'17	Work being slowed down to match with the Generation commissioning.
2.18	Transmission System associated with Kishanganga HEP	312	Jan'15	268.8	27.8	70	75.50	103.3	396	167	44		Mar'18	Mar'18	NHPC vide letter dtd 30.01.17 has informed that Unit I,II & III of Kishanganga HEP likely to be commission by Nov'17, dec'17 & Jan'18.
2.18.1	220KV D/C Kishanganga - Amargarh line	84							148	96	36		Jul'17	Nov'17	Work affected due to disturbance in Kashmir since Jul'16 & slow process to resolve compensation issue. State/MoP help required. All efforts shall be made to complete line matching with Gen. (ant. by Nov'17)
2.18.2	220KV D/C Kishanganga - Wagoora line	228							248	71	8		Mar'18	Mar'18	Work affected due to disturbance in Kashmir since Jul'16 & slow process to resolve compensation issue. State/MoP help required.
2.19	Northern Region System Strengthening Scheme -XXXIV	171	Mar'15	148.76	21.2	60	42.90	64.1	272	250	235	110	Jul'17	Jul'17	
2.19.1	LILO of Agra - Bharatpur 220KV S/C line at Agra (PG)	109							173	151	136	48		Jul'17	Work under progress. Severe ROW problem at Agra end. Critical

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2.19.2	LILO of Gladni - Hiranagar 220KV S/C lina at Samba (PG)	28								50	50	50	28		Jun'16	Line commissioned in Jun'16.
2.19.3	LILO of 01 ckt of Parbati PS - Amritsar 400KV D/C line at Jallandhar (PG)	34								49	49	49	34		Jul'17	Testing under progress.
2.20	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-A)	110	Mar'15	1394.52	1.7	30	0.20	1.9	139					May'17	May'17	
2.20.1	LILO of both ckt of Bawana - Mandola 400KV D/C line at Rajghat (Multi Ckt tower with twin/HTLS Cond.)	65								82					May'17	Award placed. Engg. in progress. Commissioning matching with S/stn. rajghat S/S land possesion in Dec'16.
2.20.2	LILO of one ckt of Bamnauli - Jattikalan 400KV D/C line at Dwarka-I (with twin/HTLS Cond.)	45								57					May'17	Award placed. Engg. in progress. Commissioning matching with S/stn. Sub station land acquired in Aug'16.
2.21	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-B1)	70	May'15	780.33	0.9	25	0.10	1	150					Jul'17	Jul'17	
2.21.1	LILO of both ckt of Bamnauli - Samaypur 400KV D/C line at Tughlakabad (with twin HTLS Cond.)	70								150					Jul'17	Award placed. Engg. in progress. Commissioning matching with S/stn. Sub station land acquired in Aug'16.
2.22	Transmission System Associated with RAPP 7 & 8 - Part - B.	356	Jul'15	307.18	12.7	25	60.40	73.1	529	343	317			Nov'17	Nov'17	
2.22.1	400KV D/C Kota - Jaipur (South) line (part of RAPP-Jaipur (S) 400KV D/C line with one ckt LILO at Kota).	356								529	343	317			Nov'17	Work under progress. Forest clearance awaited. Forest proposal submitted.
2.23	Transmission System for Solar Power Park at Bhadla, Rajasthan.	432	Jul'16	1429.38			16.80	16.8	566					Jan'19	Jan'19	
2.23.1	765KV D/C Bhadla - Bikaner line	380								484					Jan'19	Award placed in Sep'16. Engg. in progress.
2.23.2	400KV D/C Bhadla (PG) - Bhadla (RVPN) line	52								82					Jan'19	Award placed in Aug'16. Engg. in progress.
2.24	Northern Region System Strengthening Scheme - XXXV	120	Aug'16	123.91			0		183					Aug'18	Aug'18	
2.24.1	400KV D/C Mohindergarh - Bhiwani line	120								183					Aug'18	Award placed in Aug'16. Engg. in progress. Foundation work commenced.

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3.0	<u>WESTERN REGION</u>														
3.1	Western Region Strengthening Scheme - V	306	Dec'07/ Nov'12/ Jan'16	738.48	603.59	5	30.70	634.29	367	320	299	222	Sep'10/ Jun'13/ Dec'16	Dec'17	
3.1.1	400KV Vapi (PG) - Kala - Kudus D/C line* (Multi-ckt locs. 109 nos. have been included in Navsari-Boisar line)	234							239	192	171	150		Dec'17	*Due to severe ROW issues at Navi-Mumbai end, Line was decided to be terminated at Kudus S/Stn. of MSETCL. Forest clearance (Stage-I) received in Aug'15. Permission to work obtained in Dec'15. Contingency arrangement to connect Vapi-Navi Mumbai with Navsari-Boisar line by passing ROW area, to from Vapi - Navsari line (24 Ckm) commissioned in Mar'13. 400KV D/C Vapi-Kala portion commissioned in Mar'14 (61 Ckm). Balance ant. to be completed by May'17. However Kudus s/stn. being implemented by MSETCL. Critical
3.1.2	220KV Vapi - Khadoli (UT of DNH) D/C line	56							103	103	103	56		Sep'10	Line commissioned in Sep'10.
3.1.3	LILO of Lonikhand (MSEB) - Kalwa (MSEB) 400KV S/C line at Navi Mumbai.	16							25	25	25	16		May'17	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.
3.2	Transmission System Associated with Mundra Ultra Mega Power Proj.	3639	Oct'08/ Mar'16	5071.94	4299.28	95	121.60	4420.88	4927	4902	4831	3410	Oct'12/ Mar'17	Feb'18	
3.2.1	Part-A - Tr. System of Mundra (UMPP)														
3.2.1.1	400KV D/C Mundra - Limbdi line (Triple snowbird)	628							863	863	863	628		Feb'12	Line commissioned in Feb'12.
3.2.1.2	400KV D/C Mundra - Bachchau line (Triple snowbird)	198							285	285	285	198		Sep'11	Line completed in Aug'11 & commissioned in Sep'11.
3.2.1.3	400KV D/C Bachchau - Ranchodpura line (Triple snowbird)	566							755	755	755	566		Sep'11	Line completed & commissioned in Sep'11.

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क्रमांक Sl. No.	परिषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमानित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
3.2.1.4	400KV D/C Mundra - Jetpur line (Triple snowbird)	672							918	918	918	672		Dec'12	Part of line (314 Ckm) commissioned in Aug'12 & balance (358 Ckm) commissioned in Dec'12.
3.2.2	Part-B - Regional System Strengthening in WR for Mundra (UMPP)														
3.2.2.1	400KV D/C Gandhar - Navsari line	204							288	288	288	204		July'12	Line commissioned in July'12.
3.2.2.2	400KV D/C Navsari - Boisar line (Multi-ckt locs. 109 nos. with Vapi-Kudus line & 100 nos. with A'bad-Boisar line have been included in 400KV D/C Navsari-Boisar line).	373							567	567	567	373		Dec'16	Contingency arrangement to connect Navsari-Boisar with Vapi-Navi Mumbai line by by-passing forest area, to form Vapi - Navsari line (212 Ckm, up to common point) commissioned in Mar'13. Balance portion (161 Ckm) commissioned in Dec'16.
3.2.2.3	400KV D/C Wardha - Aurangabad line (up-gradation 1200KV S/C)	696							961	936	865	467		Feb'18	Contract terminated 01 out of 02 packages due to unsatisfactory performance and fresh tender taken up. The package subsequently bifurcated into two part. Ist part awarded in Dec'14 and second part in Feb'15. The remaning 02 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	LILo of both Ckt of Kawas - Navsari 200KV D/C at Navsari	82							145	145	145	82		July'12	Line commissioned in July'12.
3.3	Establishment of Pooling Station at Champa and Raigarh (near Tamnar) for IPP Gen. Proj. in Chhatisgrh - B	554	May'11/ Mar'16	2310.58	1817.05	60	69.0	1886.05	920	920	920	554	May'14/ Jun'16	Sep'15*	PROJECT COMPLETED.
3.3.1	765KV D/C Champa Pooling station - Raipur Pooling Station line	298							387	387	387	298		May'14	Line completed & commissioned in May'14 through contingency arrangement (by passing Champa S/S)

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						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टावर ईरैक्शन Tower Erect. (no.)	स्ट्रींग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
3.3.2	765KV D/C Raigarh Pooling station (Near Kotra) - Raigarh Pooling station (Near Tamnar)	98							133	133	133	98		Oct'13	Line commissioned in Oct'13.
3.3.3	765 KV S/C Champa Pooling station - Dharamjaygarh/ near Korba Switching Station	62							153	153	153	62		May'14	Line completed & commissioned in May'14 through contingency arrangement (by passing Champa S/S).
3.3.4	765KV S/C Raigarh Pooling Station(Near Kotra) - Champa Pooling station line	96							247	247	247	96		May'15	Line commissioned on 29.05.15..
3.4	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D	1380	Nov'11 / Mar'16	2619.56	2363.23	45	161.80	2525.03	1788	1760	1733	1154	Jul'14 / Jun'16	Sep'17	
3.4.1	765KV D/C Wardha - Aurangabad line	690							928	928	928	690		July'14	Line commissioned in Jul'14
3.4.2	400KV D/C Aurangabad - Boisar line (Q) (Multi-ckt locs. 100 nos. have been included in Navsari-Boisar line).	690							860	832	805	464		Sep'17	Stage - I Forest clearance (138ha.) received in Aug'15. Work permission obtained in Oct'15. Work under progress. However, severe ROW problem is being encountered in grape garden area. Critical
3.5	System Strengthening in North/West part of WR for IPP Proj. in Chhattisgarh. Part - E	628	Dec'11/ Mar'15	2228.71	1528.73	150	294.0	1822.73	856	811	787	459	Aug'14/ Dec'15	Dec'17	
3.5.1	765KV D/C Aurangabad (PG) - Padghe (PG) line	570							773	728	704	404		Dec'17	Forest clearance received. Commissioning matching with down stream Kudus (MSETCL) S/S. MSETCL S/S critical.
3.5.2	400KV D/C Padghe (PG) - Padghe (Kudus) line (Q)	34							46	46	46	31		Dec'17	Line completed. Commissioning of Kudus S/S by MSETCL ctritical. Commissioning matching with A'bad-Padghe line
3.6.3	400KV D/C Vadodra - Asoj line (Quad)	24							37	37	37	24		Mar'14	Line commissioned in Mar'14 (through contigency arrangement by passing Vadodara S/s.) & Regular operation done with Vadodra GIS on 31.05.15.
3.6	System Strengthening in Raipur - Wardha Corridor for IPP Project in Chhattisgarh - Part - 6	714	Jan'12 / Mar'16	1875.13	1490.42	150	231.30	1721.72	963	960	950	671	Jan'15 / Jun'16	Mar'17	

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3.6.1	765KV D/C Raipur Pooling Stn. - Wardha line -II	714							963	960	950	671		Mar'17	ROW problem being encountered due to addl, compensation demand by forest dwellers. Critical.
3.7	Transmission System Associated with Mauda Stage-II (2x660MW) Gen. Proj.	1075	Sep'13	1575.3	905.6	265	330.0	1235.6	1465	1442	1435	1014	May'16	Mar'17	
3.7.1	400KV D/C Mauda-II - Betul line (Q)	393							551	528	521	332		Mar'17	Severe ROW problem being faced in Maharastra area.
3.7.1	400KV D/C Betul - Khandwa line (Q)	338							435	435	435	338		Mar'17	Line completed. Commissioning matching with Mauda-II - Betul line.
3.7.1	400KV D/C Khandwa - Indore line	344							479	479	479	344		Dec'16	Line commissioned in Dec'16.
3.8	Transmission System Associated with KAKRAPAR APP - 3&4	311	Feb'14	378.71	130.7	105	114.60	245.3	435	435	432	305	Oct'16	Apr'17	Gen. Proj. delayed (ant. by Nov'17)
3.8.1	400KV D/C Kakrapar APP - Navsari line	77							109	109	106	71		Apr'17	Gen. proj. delayed. However, contingency arrangement being worked out subject to availability of Sw. Yd. at Kakrapar end which is expected by Apr'17.
3.8.2	400KV D/C Kakrapar APP - Vapi line	234							326	326	326	234		Apr'17	Line completed. Gen. proj. delayed. However, contingency arrangement being worked out subject to availability of Sw. Yd. at Kakrapar end which is expected by Apr'17.
3.9	Transmission System Associated with LARA STPS - I Gen. Proj. NTPC	260	Jun'14	400.47	81.1	160	151.0	232.1	356	307	293	116	Apr'17	Apr'17	Work slowed-down to the extent feasible to match Gen.
3.9.1	400KV D/C Lara STPS - Raigarh (Kotra) line	36							50	50	50	36		Apr'16	Line commissioned in Apr.'16.
3.9.2	400KV D/C Lara STPS - Champa PS line (Q)	224							306	257	243	80		April'17	Work under progress.
3.10	Transmission System Associated for Solapur STPP (2x660MW) -Part-A	25	Mar'15	50.52		40	24.40	24.4	40	30	29	13	Mar'17	Mar'17	
3.10.1	400KV D/C Solapur STPP - Solapur line -II (Q)	25							40	30	29	13		Mar'17	Severe ROW being faced in the line.
3.11	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - C	582	Jul'15	2247.37	16.5	280	113.0	129.5	760	155	36		Jul'18	Jul'18	
3.11.1	765KV D/C Bhuj Pool - Banaskanta line	582							760	155	36			Jul'18	

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3.12	Transmission System for Ultra mega Solar Park in Rewa District, Madhya Pradesh .	116	Jan'16	305.04	9.3	100	31.90	41.2	169	102	80	6	Mar'17	Dec'17	
3.12.1	LILO of 400KV D/C Vindhyachal - Jabalpur line (Q) (IInd Ckt.) at Rewa Pooling Stration .	116							169	102	80	6		Dec'17	Power Gen. at Rewa Solar Park delayed. Work under progress. Stringing commenced from Jan'17.
3.13	Transmission System Strengthening associated with Mundra UMPP (Part-A)	45	Jan'16	244.19		75	38.10	38.1	72	45	14		Jul'18	Jul'18	
3.13.1	LILO of 400KV D/C both ckt of Mundra UMPP- Limbdi (Triple) at Bachau.	45							72	45	14			Jul'18	Severe ROW problem.
3.14	Transmission System Strengthening associated with Mundra UMPP (Part-B)	190	Jul'16	300.94			0.00		257				Dec'18	Dec'18	Compln. 29 months from IA.
3.14.1	400KV D/C Mundra UMPP - Bhuj Pool line (Triple Snowbird)	190							257					Dec'18	Award placed in Aug'16. Engg. in progress.
4.0	<u>SOUTHERN REGION</u>														
4.1	Kundankulam - APP Trans. System (Balance lines)	297	May'05/ Jan'16	2187.32	1907.75	85	11.60	1919.35	438	159	105	29	Nov'08 / Dec'16	Sep'18	
4.1.1	Edamon (KSEB) - Muvattupuzha (PG) D/C (Quad) line	297							438	159	105	29		Sep'18	Revised G.O. issued on 30.07.15 in which compensation to be done on land value, to be finalised by concerned DC with the suport of State Govt. Balance survey resumed on 27.07.16. Package being re-rendered for award of balance work.
4.1.2	Kundankulam (NPC) - Tirunelveli(PG) D/C (Quad) line -I	144													Ready for commissioning in Mar'09 & commissioned in Apr'09.
4.1.3	Kundankulam (NPC) - Tirunelveli (PG) D/C (Quad) line -II	160													Ready for commissioning in Mar'09 & commissioned in Apr'09.
4.1.4	Tirunelveli (PG) - Udumalpet (PG) D/C line	524													Ready for commissioning in Mar'09 & commissioned in Nov'09.
4.1.5	Tirunelveli (PG) - Edamon (KSEB) Multi -Ckt line	322													Ready for commissioning in Mar'09 & 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.

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4.2	System Strengthening - XII of SR	34	Feb'10	232.34	219.29	20	17.80	237.09	25	25	25	10	Jun'12	Jun'17*	* Critical due to continuing ROW problem.
4.2.1	LILO of Neelamangla - Hoddy 400KV S/C line at Yehlanka	34							25	25	25	10		Jun'17	During the meeting with DC on 08,09,16. Raitha Sangha Requested to discuss high compensation issue with energy minister. After support from State Govt., compensation survey by Revenue deptt. is in progress.
4.3	Common System Associated with Costal Energen Private Ltd and Ind-Barath Power Ltd. (LTOA) Gen. Proj. in Tuticorin area Part - B.	1096	Sep'11	1940.13	2009.96	260	271.60	2281.56	1809	1806	1800	1008	Sep'14	Dec'17	
4.3.1	765KV D/C Tuticorin Pooling Station - Salem Pooling Station line (initially charged at 400KV)	731							1000	1000	1000	731		Nov'16	Line commissioned in Nov'16.
4.3.2	400KV D/C Salem Pooling Station - Salem line (Quad)	120							165	165	165	120		Oct'16	Line commissioned in Oct'16.
4.3.3	765KV S/C Salem Pooling Station - Madhugiri Pooling Station line (initially charged at 400KV)	245							644	641	635	157		Dec'17	Severe ROW in Karnataka. Obstruction being removed progressively with the help of Police protection.
4.4	System Strengthening - XIII of SR Grid	550	Oct'11/ Nov'15	639.46	448.22	95	27.10	475.32	750	703	673	418	Jun'14/ Mar'16	Dec'17	
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			Dec'17	Severe ROW in Karnataka. Effort being made to resolve with the help of State Govt.
4.5	System Strengthening in SR - XIV	244	Dec'11/ Feb'15	346.79	312.87	20	26.40	339.27	335	323	284	171	Aug'14/ Jun'15	Dec'17	Critical due to continuing ROW problem.
4.5.1	400KV D/C Dharmapuri (Salem New) - Somanahalli line	244							335	323	284	171		Dec'17	Severe ROW problem faced in Karnataka. Corridor compensation survey under progress.
4.6	Sub station works associated with System Strengthening in SR for Inport of Power from ER.	38	Nov'14	972.42	92.2	976	594.70	686.9	56	56	56	38	Nov'17	Apr'17*	*matching with ICT-II at Vemagiri S/stn.
4.6.1	LILO of Gazuwaka - Vijayawada 400KV S/C line at Vemagiri Pooling Stration .	38							56	56	56	38		Jan'17	Line commissioned in Jan'17.

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4.7	Sub station works associated with Hyderabad (Maheshwaram) Pooling Station	7	Mar'15	550.06	26.3	100	240.30	266.6	13	13	12	6	Mar'18	Mar'18	
4.7.1	LILO of Hyderabad - Kurnool 400KV S/C line at Maheshwaram Sub Stration .	7							13	13	12	6		Mar'18	Work being expected for earlier completion ie by Dec'17.
4.8	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-A (Phase-I)	21	May'15	312.94	47.7	90	121.20	168.9	32	32	32	21	May'16	Jul'16	PROJECT COMPLETED.
4.8.1	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.
4.9	System Strengthening - XXIV in Southern Region	573	Jan'16	1455.47	9.9	580	94.90	104.8	816	257	181		Jul'18	Jul'18	
4.9.1	LILO of 765KV D/C Kurnool - Thiruvalam line at Cuddapah.	194							282	57	32			Jul'18	Work under progress.
4.9.2	400KV D/C Cuddapah - Hindupur line (Q)	379							534	200	149			Jul'18	Work under progress.
4.10	Connectivity for Kudankulam 3&4 with Inter-state Transmission system	133	Jan'16	162.11		20	15.10	15.1	188	142	102	5	May'18	May'18	
4.10.1	Extn. of 400KV D/C Kudankulam APP - Tirunveli line (Q)	133							188	142	102	5		May'18	Work under progress.
4.11	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-B (Phase-II)	36	Jan'16	99.09		65	10.40	10.4	55	23	23		Jul'18	Jul'18	Compln Sch. : (16 LILO-in & 30 LILO-out) months from IA.
4.11.1	LILO-In of 400KV D/C Cuddapah - Hindupur line (Q) (both Ckts) at NP Kunta Sub Stration .	19							27	23	23		May'17	May'17	Award placed in Jan'16. Efforts being made to complete earlier.
4.11.2	LILO-Out of 400KV D/C Cuddapah - Hindupur line (Q) (both Ckts) at NP Kunta Sub Stration .	17							28				Jul'18	Jul'18	Award placed in Jan'16. Efforts being made to complete earlier ie by Mar'18.
4.12	Removal of Constraints in 400KV Bays Extn. at 400KV Vemagiri S/stn.	116	Jan'16	207.88			4.90	4.9	108	3			Jul'18	Jul'18	
4.12.1	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).	60							63					Jul'18	Foundation work being taken up. Efforts being made to complete earlier ie by Mar'18.

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Rs. in Crore

क्रमांक Sl. No.	परिषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.मं अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
4.12.2	Both ckts of IInd LILO D/C portion of Simhadri - Vijayawada 400KV line at Vimagiri-I (AP) shall be LILOed at Vimagiri-II (PG). There shall be no loop out. The open section of 400KV D/C line from Vemagiri-I (AP) shall be used for termination of 400KV Kota line.	56							45	3				Jul'18	Work under progress. Efforts being made to complete earlier ie by Mar'18.
4.13	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka (Ph.-n	441	Apr'16	810.48			67.10	67.1	468	118	53		Dec'18	Dec'18	Compln Sch. : 32 months from IA.
4.13.1	400KV D/C Tumkur (Pavagada) Pool - Hiriur line	218							322	118	53			Dec'18	Work under progress. Commissioning to be matching with Generation.
4.13.2	LILO of 400KV D/C Gooty - Tumkur (Vasantnarsapur) line at Tumkur Pool.	3							4					Dec'18	Award placed in Jun'16. Engg. in progress.
4.13.3	LILO of 400KV D/C Bellary - Tumkur (Vasantnarsapur) line (Q) at Tumkur Pool (on multi ckt tower).	220							142	43	3			Dec'18	Award placed in Jun'16. Work under progress.
4.14	NLC - Karaikal 230 KV D/C Line	190	Jul'16	102.79		25	0		312	8			Nov'17	Nov'17	Compln Sch. : 16 months from IA.
4.14.1	NLC - Karaikal 230 KV D/C Line (through LILO of the 230KV Neyveli-Bahour S/C line at Karaikal)	190							312	8				Nov'17	Work under progress.
4.14	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka - Phase- II (Part-II)	390	Oct'16	408.46			0.30		488				Jan'19	Jan'19	Compln Sch. : 27 months from IA. (ADB Funded).
4.14.1	400KV D/C Hiriur - Mysore line	390							488					Jan'19	Award placed in Oct'16.
5.0	<u>EASTERN REGION</u>														
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	4404.57	2682.95	1090	578.50	3261.45	272	252	225	50	Jan'15	Dec'17	Gen. project delayed (ant. in 2017 -18). Works slowed down to the extent feasible to match Generation.
5.1.1	LILO of Bishwanath Chariali - Agra HVDC line at New Pooling Station in Alipurduar for parallel operation of the HVDC stn.	44							64	64	54	8		Mar'17	Severe ROW issue seriously affecteing progress. Commissioning matching with associated HVDC terminal.

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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	Testing under progress. Completion matching with Alipurduar PS.
5.1.3	400KV D/C Punatsangchu-1 (Gen. Proj. in Bhutan) - Alipurduar line - India Portion.	128							178	158	141	24		Dec'17	Gen. expected beyond 2017-18. Work slowed-down to the extent possible to match Generation (Ph-II ant. by Mar'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	Testing under progress. Completion matching with Alipurduar PS.
5.2	Transmission System for Transfer of Power from Generation Project in SIKKIM to NR/WR Part - A.	52	May'10/ Mar'16	390.51	253.2	20	57.50	310.7	94	94	94	52	Jan'13/ Mar'16	Oct'16	PROJECT COMPLETED.
5.2.1	LILO of Siliguri (Existing) - Purnea 400KV D/C line (Q) at New Pooling station at Kishanganj	16							25	25	25	16		Mar'16	Line commissioned in Mar'16.
5.2.2	LILO of Siliguri - Dalkhola 220KV D/C line at New Pooling station Kishanganj	36							69	69	69	36		Mar'16	Line commissioned in Mar'16.
5.3	Eastern Region Strengthening Scheme - III	772	July'10/ Mar'16	1731.1	1285.43	65	72.80	1358.23	1027	1025	1025	762	Nov'12/ Dec'16	Dec'17	
5.3.1	400KV D/C Sasaram - Deltonganj line	392							523	521	521	382		Dec'17	Completion matching with Daltanganj S/s delayed due to non-availability of sub station land (land acquired in May'15).
5.3.2	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.
5.3.3	LILO of 400KV D/C Kahalgaon - Biharshariff line (1st line) at Lakhisarai	64							88	88	88	64		Mar'14	Line commissioned in Mar'14
5.3.4	LILO of 400KV D/C Kahalgaon - Biharshariff line (2nd line) at Banka	56							80	80	80	56		Nov'12	Line commissioned in Nov'12.
5.3.5	LILO of 400KV S/C Meramundali - Jeypore line at Bolangir	42							63	63	63	42		Aug'12	Line commissioned in Aug'12.
5.3.6	LILO of 400KV S/C Rengali - Baripada line at Keonjhar	18							28	28	28	18		Jan'13	Line commissioned in Jan'13.
5.3.7	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

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5.3.8	LILo of 400KV D/C (both ckt) Jamshedpur - Rourkela line at Chaibasa	56								90	90	90	56		Nov'14	Line commissioned in Nov'14.
5.4	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - A1.	372	Oct'11 / Jul'16	727.77	562.61	50	96.9	659.51	527	527	527	372	Nov'13 / Jul'16	Jul'16	PROJECT COMPLETED.	
5.4.1	400KV D/C Ranchi - Jharkhand Pooling Stn. line (Quad)	138								195	195	195	138		Jul'16	Line completed in Jun'16 & commissioned in July'16.
5.4.2	400KV D/C Jharkhand Pool - Gaya line (Quad)	234								332	332	332	234		Jul'16	Line completed in Jun'16 & commissioned in July'16.
5.5	Split Bus Arrangement for avrious Sub Stations in Eastern Region	56	Mar'13 / Jan'16	146.73	104.37	5	9.40	113.77	97	91	91	48	Jun'14 / Mar'16	Apr'17		
5.5.1	400KV D/C trans. Line for swapping of Purnea baya (1&2) with Sasaram bays (#3&4) at Biharshariff S/Stn.	10								17	17	17	10		Jul'16	Commissioned in Jul'17.
5.5.2	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.
5.5.3	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	36	36	18		Apr'17	Bay at NTPC awarded in May'16. Completion of bay by NTPC delayed.
5.6	Eastern Region Strengthening Scheme-V	860	Oct'13	1364.52	626.14	300	424.30	1050.44	1219	1213	1138	641	Apr'16	Jun'17		
5.6.1	400KV D/C Rajarhat - Purnea line (Tripal) (with LILo of one ckt at Gokarana (WBSETCL) & other ckt at Farraka (NTPC).	852								1219	1197	1122	633		Jun'17	Severe ROW problem at Rajarhat & Farakka end as well as in Jharkhand area. LILo line expected in Mar'17 & main line progressively by Jun'17. Processing of forest case in Jharkhand slow. Work in Rajarhat area at standstill due to severe ROW.
5.6.2	LILo of Subhashgram -Jeerat 400KV S/C line at Rajarhat	8								16	16	16	8		Mar'17	Work almost completed. Commissioning expected by Mar'17.
5.7	Transmission System Associated with Darlipalli TPS	41	Jan'16	187.04		70	20.80	20.8	60	35	19		Jun'18	Sep'17		

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5.7.1	765KV D/C Darlipalli TPS - Jharsuguda (Sundergarh) Pooling Stn. line	41							60	35	19			Sep'17	Award placed in Jan'16. Work under progress. Efforts being made to completeby earlier for start up power to NTPC.
5.8	Eastern Region Strengthening Scheme-XV	195	Apr'16	454.11		180	7.10	7.1	305	51	2		Apr'18	Apr'18	Compln Sch. 24 months from IA.
5.8.1	400KV D/C Farakka - Baharampur Line (Twin HTLS)	160							243	51	2			Apr'18	Work under progress.
5.8.2	LILo at 400KV S/C Farakka - Jeerat line at Sagahdighi	30							52					Apr'18	Award placed in Apr'16. Engg. & survry under progress.
5.8.3	LILo at 400KV S/C Sagardighi - Subhasgram line at Jeerat	2							5					Apr'18	Award placed in Apr'16. Engg. & survry under progress.
5.8.4	Removal of the existing LILo of Farakka - Jeerat S/C line at Baharampur	3							5					Apr'18	Award placed in Apr'16. Engg. in progress.
5.9.1	Powergrid Works associated with Common Trans. System for Phase-II Gen. Proj. in Odisha.	136	Apr'16	844.64		25	14.60	14.6	200	33	16		Apr'19	Apr'19	Compln Sch.- 36 months from IA. (02 nos 400KV bay under TBCB) - 16 months from IA.
5.9.2	LILo of both Ckt of 400KV D/C Rourkela - Raigarh (2nd line) at Jharsaguda (Sundargarh) .	136							200	33	16			Apr'19	Work under progress.
5.10	Associated Transmission System for NABINAGAR -II TPS.	482	Apr'16	790.3		135	48.50	48.5	679	115	41		Jun'19	Jun'19	
5.10.1	400KV D/C Nabinagar-II - Gaya line (Q)	204							289	51	9			Dec'17	Efforts being made to complete earlier to matching with Unit-I.
5.10.2	400KV D/C Nabinagar-II -Patna line (Q)	278							390	64	32			Jun'19	
6.0	<u>NORTH EASTERN REGION</u>														
6.1	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	1450	Feb'10 / Jan'16	2932.88	2317.2	150	113.9	2431.1	2766	2639	2474	1203	Dec'12 / Dec'16	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

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6.1.4	400KV D/C Silchar - Melriat (New) line (charged at 132KV)	288							456	394	275	121		Feb'18	Major portion of line in forest. Severe ROW in vicinity of Aizwl town due to Influential local owner. Package re-awarded in Jun'16. Work under 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							23					Feb'18	Package re-awarded in Jun'16. Work under progress.
6.1.9	LILO of 132KV Aizwol (PG) - Zemabawk (Mizoram) at Melriat (PG)	10							16	5				Feb'18	Package re-awarded in Jun'16. Foundation commenced from Dec'16.
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	Silchar - Halaikandi line	60							109	92	79	35		Dec'17	Part line commissioned through contingency in Jun'12. (forming LILO of 132KV D/C Panchgaram - Dullovcher at Silcher). Balance work re-awarded in Nov'16. Fdn. Work commenced.
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)	103							348	345	345	103		Sep'17	Readiness of up stream & down stream network by Arunachal Pradesh Govt. Critical. Damage towers/fdns. due to floods taken up.
6.1.14	132KV S/C Roing - Tezu line (on D/C)	72							244	244	244	72		Sep'17	Progress affected due to ROW problem & geographical condition. Due to non-availability of downstream line, line shall not be utilized.
6.1.15	132KV S/C Tezu - Namsai line (on D/C)	95							332	321	293	62		Feb'18	Progress affected due to ROW problem & geographical condition. Due to non-availability of downstream line, line shall not be utilized.
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.

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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		45	25.20	25.2				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			6.0	6				Jul'18	Jul'18	
6.3.1	Re-conductoring of Imphal (PG) - Yurembam 132KV S/C line with HTLS conductor.	1												Jul'18	Award placed in Nov'16. Engg. under progress.

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क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.म अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टावर ईरक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
TBCB Project -Transmission Lines															
1	System Strengthening in Southern Region for Import of Power from Eastern Region								1265	1265	1265	958	Aug'16	Sep'16	
	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	Transmission System pertaining to IPPs of Nagapattinum/Cuddalore Area.								1117	1061	1002	442	Dec'15	Mar'17	
	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							574	518	462	62		Mar'17	Severe ROW problem is being faced.
3	Associated Transmission System of Unchahar TPS.												Jun'16	Sep'16	
	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)								6	4	1		Jul'17	Jul'17	
	LILO of 400KV D/C Abdullapur - Karcham Wangtoo at Kala Amb.	2							6	4	1			Jul'17	Work under progress.
5	Transmission System Strengthening Associated with Vindhyachal -V								1036	396	92		Jun'18	Jun'18	
	765KV D/C Vindhyachal - Jabalpur line	760							1036	396	92			Jun'18	
6	Transmission System Associated with Gadawada STPPS of NTPC (Part-A).								1395	790	547	72	Nov'17	Nov'17	
	765KV D/C Gadawara - Jabalpur Pool line	203							278	225	174	63		May'17	
	765KV D/C Gadawara - Warora Pooling Stn. line	638							871	432	289	4		Nov'17	Severe ROW being faced. Forest proposal to be cleared.
	LILO of 2xD/C 400KV Wardha - Parli line at Warora Pooling Stn. (Q)	186							246	133	84	5		Nov'17	
7	Transmission System Associated with Gadawada STPPS of NTPC (Part-B).								1278	535	327	9	Jan'18	Jan'18	
	765KV D/C Warora Pooling Stn. - Parli line	698							919	410	250	9		Jan'18	Work under progress.
	765KV D/C Parli - Solapur line	236							309	105	65			Jan'18	Work under progress.

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	400KV D/C Parli - Parli line (Q)	36							50	20	12			Jan'18	Work under progress.
8	Beyond Vemagiri Transmission System								2700	676	230	4	Apr'19	Apr'19	
	765KV D/C Vemagiri - Chilakaluripeta line	580							746	230	34			Apr'19	
	765KV D/C Chilakaluripeta - Cuddapah line	550							735	290	152	4		Apr'19	
	400KV D/C Cuddapah - Madhugiri Trans. line (Q)	476							709	84	29			Feb'19	
	400KV D/C Srikakulam - Garividi Trans. Line (Q)	286							391	72	15			Feb'19	
	400KV D/C Chilkaluripeta - Narasaraopeta Trans. Line (Q)	84							119					Apr'19	Award placed in Mar'16. Engg. & survey in progress.
	Other Consultancy Project														
	Srinagar - Leh Tr. System	330							1108	763	555	116	Jan'17	Sep'17	
	220KV S/C Alusteng - Drass Line	114							422	211	96	7		Sep'17	
	220KV S/C Drass - Kargil Line	60							191	149	103	23		Sep'17	
	220KV S/C Kargil - Khalsti Line	94							293	231	206	51		Sep'17	
	220KV S/C Khalsti - Leh Line	62							202	172	150	35		Sep'17	
9	System strengthening for WR. M/s by Sterlite		Mar'11												
	765 KV S/C Jabalpur - Bhopal line													Jun'15	Line commissioned on 06/2015.
	765 KV S/C Bhopal - Indore line													Oct'14	Line commissioned on 10/2014.
	765 KV S/C Aurangabad - Dhule line													Oct'14	Line commissioned on 10/2014.
	765 KV S/C Dhule - Vadodara line													Oct'15	Line commissioned on 10/2015.
	400 KV D/C Bhopal - Bhopal (MPPTCL) Line (Q)													Jul'14	Line commissioned on 07/2014.
	400 kV D/C Dhule - Dhule (Msetcl) Line													Nov'14	Line commissioned on 11/2014.
10	System strengthening for WR and NR. M/s by Sterlite		Mar'11												
	765 KV D/C Dhramjaygarh - Jabalpur Line													Sep'15	Line commissioned on 09/2015.
	765 KV S/C Jabalpur - Bina Line													Jun'15.	Line commissioned on 06/2015.

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11	Scheme for enabling import of NER/ER surplus by NR. M/s By Sterlite		Mar'10												
	400 KV D/C Bongaigaon - Siliguri (Q)													Nov'14	Line commissioned on 11/2014.
	400 KV D/C Purnea - Biharsharif (Q)													Sep'13	Line commissioned on 09/2013.
12	Part ATS for RAPP U-7&8 in Rajasthan. M/s by Sterlite		Mar'14												
	400 kV D/C RAPP - Shujalpur Line	402							521	521	521	402			Line commissioned on 06/16. Line charged on 15/11/2016.
13	Eastern Region system Strengthening Scheme-VII. M/s by Sterlite		Dec'13												
	400 KV D/C Purulia PSP (WB) - Ranchi (PG)	223							301	301	301	223		Jan-17	Line commissioned on 01/2017.
	400 KV D/C Chaibasa - Kharagpur Line	323							426	426	426	323		Jun-16	Commissioned 06/16.
14	Northern Region System Strengthening Scheme-NRSS-XXIX. M/s by Sterlite		Nov'14												
	400 KV D/C Jullandhar - Samba Line	270							356	356	356	270		Jun'16	Commissioned 06/16.
	400 KV D/C Samba - Amargarh Line	574							783	667	474	225		Jul'17	a) RoW issue: Yes, in Jammu District at AP 34. b) PTCC Clearance pending.
	LILO of Both Circuit of Uri - Wagoora 400 KV D/C Line at Amargarh	6											Oct-18	Jul17	a)Force majeure events due to Bandh, Shutdown, Curfew, Bad Law & Order Situation in J&K & there has been 58days execution days lost till date, and suspension of work many times due to Armed Conflict & Blockade in the state of J&K from 08-07-2016 to 30-12-2016 i.e. loss of total 155 days, notices sent to all LTTC's. b) PTCC Clearance pending
15	Connectivity lines for Maheshwaram 765/400 KV S/S. M/s by Sterlite		Aug'15												

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	400 KV D/C Maheshwaram - Mahboobnagar Line	196.4							252	223	194	80	Jun'18	Mar-17	a) RoW issue: Yes (Facing Severe RoW issue in multiple locations i.e between 9/1 - 15/1, 17/1, 20/12, 20/18, 26/1 – 26/5, 32/8, 33/3 and 40/0 – 41/0 in Tehsil Kandukur, Thalakondapalli, Midjil, Ghanpur, Kothakota) b) PTCC Clearance pending with CEA (PTCC).
	400 KV D/C Nizamabad - Yeddumailaram Line	277.38							355	305	252	96	Jun'18	Mar-17	a) RoW issue: Yes (Facing severe Row Issues in multiple locations i.e. between 1/0 – 4/2, 29/4 – 35A/0, 42/0 – 46/2 in Dist. Nizamabad, Medak and Sangareddy) b) PTCC Clearance pending with CEA (PTCC).
16	Common Transmission system for phase-II generation projects in Orissa and immediate evacuation system for OPGC project (Orissa). M/s by Sterlite		Apr'16												
	765 KV D/C Jharsuguda - Raipur (hexa) Line	608							763	362	220	28	Aug'19	Nov-17	a) RoW issue: Yes (Facing Severe RoW issues in multiple locations between 57/0-67/0, 83/4-84/2, 91/2, 95/1, 128/0-129/0, AP 141, 142, 143) b) Forest/Wildlife clearance issue: Yes c) Section-164 under CEA Approval d) PTCC Clearance pending with CEA (PTCC).
	400 KV D/C OPGC TPS - Jharsuguda (Triple) Line	102.5							152	65	34		Jul-17	Jul-17	a) RoW issue: Yes (Facing severe RoW issues in Location No. between 32/0-33/1 and 58/0-61/0 in Tehsil Jharsuguda and Lakhanpur in Dist. Jharsuguda) b) Forest/Wildlife clearance issue: Yes c) Section-164 under CEA Approval d) PTCC Clearance pending with CEA (PTCC)

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17	Creation of new 400 kV GIS substations in Gurgaon area and Palwal as a part of ISTS. M/s by Sterlite		Jul'16										Sep-19	Nov-17	• Detailed Survey Completed • Land Acquisition for Substation is Under Process. • Application for Sec-164 u/EA-2003 has been applied in CEA. • Online Proposal for Forest Clearance has been submitted on MoEF & CC Web portal for U.P., Haryana (For Neemarana-Dhanonda T/L) and Rajasthan State. • 2x500 MVA, 400/220 kV GIS at Sohna Road (Gurgaon) - o Land is identified in village of Gairatpur Bas, Tehsil & Distt-Gurgaon • 2x500 MVA, 400/220 kV GIS at Prithala(Palwal) - o Land is identified in village of Baghola, Tehsil & Distt- Palwal • M/s GPTL has handed over TSA to HVPNL on Dec-16.	
	400 kV D/C Aligarh-Prithala HTLS line															
	400 kV D/C Prithala-Kadarpur HTLS line															
	400 kV D/C Kadarpur-Sohna road HTLS line															
	LILO of Gurgaon – Manesar 400 kV D/C (Q) line at Sohna Road															
	400 kV D/C Neemrana(PG) – Dhanonda HTLS line															
18	Eastern Region System Strengthening Scheme-VI. M/s by Essel.		Dec'13													
	400 KV D/C Muzaffarpur(PG)- Darbhanga line with triple snowbird conductor	126								178	178	177	121.54	Jul-16	Feb-17	Work is being carried out with the help of local Administration.
	LILO of Barh –Gorakhpur 400 kV 2xD/c line at Mothihari	152								210	207	202	114	Jul-16	Feb-17	a) RoW at Siwan & Gopalganj dist. is severely affecting the construction work:

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19	Northern Region System Strengthening Scheme, NRSS-XXXI (Part-B).M/s by Essel.		May'14													
	400 kV D/C Kurukshetra-Malerkotla Line	278.4								377	377	377	278.4	Sep-16	Jan'17	Line commissioned in 01/2017
	400 kV D/C Malerkotla-Amritsar Line	299								413	409	405	266	Sep-16	Feb'17	RoW at Ludiana Dist.is severly affecting the construction work.
20	ATS for Tanda expansion TPS. M/s by Essel															Due to non-signing of Transmission Service Agreement (TSA) by LTTCs, the SPV is yet to be acquired.
	400 kV D/C Tanda - Sohwal Line	173														
	400 kV D/C Sohwal - Lucknow Line	176														
21	System strengthening in northern region (NRSS XXXVI) along with LILO of Sikar-Neemrana 400 kV D/C line at Babai(RVPNL). M/s by Essel		Aug'16												Dec-19	Route survey work of Transmission Lines is going on. Civil Contractor mobilized at Babai Sub-station and foundation work is going on.
	400 kV D/C Rishikesh – Koteswar (twin) Line	83														
	400 kV D/C Babai – Bhiwani (twin) Line	249														
22	Additional inter regional AC link for import into southern region i.e Warora-Warangal and Chilakaluripeta – Hyderabad – Kurnool 765 kV link. M/s by Essel.		Jul'16												Nov-19	Presently detailed survey work is going on.
	765 kV D/C Warora-Warangal (hexa) Line	666														
	765 kV D/C Warangal – Hyderabad (hexa) Line	270														
	765 kV D/C Hyderabad – Kurnool (hexa) Line	370														
	765 kV D/C Warangal – Chilakaluripeta (hexa) Line	478														
	765 kV D/C Warangal – Warangal (hexa) Line	108														
23	Additional system strengthening for Sipat STPS. M/s Adani		Nov'15													

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	765 KV D/C Sipat STPS - Bilaspur (Q) Line	23							73	38	22		Nov-18	Nov-17	Progress affected due to demonetization till 18th Jan'17.
	765 KV D/C Bilaspur - Rajnandgaon (hexa) line	322							423	300	212	52.656	Mar-19	Jul-18	a)Powerline Crossings: Approval for crossing 2 nos of PGCIL lines in single span is awaited. b)Progress affected due to demonetization till 18th Jan'17. c) Non-availability of 33KV & 11KV affecting stringing.
24	Additional system strengthening for Chhattisgarh (B). M/s by Adani		Nov'15												
	765 kV D/C Raipur - Rajnandgaon (hexa) Line	80							104	102	98	36	Nov-18	Jul-18	Progress affected due to demonetization till 18th Jan'17
	765 kV D/C Rajnandgaon - Warora (hexa) Line	532							689	357	264	33.5	Nov-18	Jul-18	a) Progress affected due to demonetization till 18th Jan'17
25	System strengthening for IPPs in Chhattisgarh and other generation projects in western region. M/s by Adani		Nov'15												
	400 kV D/C Gwalior-Morena (Q) line	98							145	102	82		May-18	Jan-18	a) c) Progress affected due to demonetization till 18th Jan'17. b) NGT in the month of Oct'16 had directed that all the stone crushers and quarries be closed in Bilowa (District Gwalior), which inturn is affecting foundation works due to non-availability of coarse and fines aggregate.
	400 kV D/C Vindhyachal STPS - IV & V – Vindhyachal pool (Q) line	54							87	53	35		Jan-19	Jan-18	Progress affected due to demonetization till 18th Jan'17
	765 kV S/C Sasan UMPP – Vindhyachal Pooling Station (Q) line	6							22	8	1		Nov-18	Jan-18	Progress affected due to demonetization till 18th Jan'17.

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Rs. in Crore

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						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टावर ईरक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
	765 kV S/C Raigarh (Kotra) – Champa (Pool) (Q) line	94							246	165	126		Nov-18	Jan-18	a)Progress affected due to demonetization till 18th Jan'17. b) SDO, Janjgir-Champa has issued an order on 08.12.2016 notifying the procedure for releasing compensation to landowners.As per order, the assessment for affected land is to be done by Tehsildar and revenue circle officer shall assess compensation for the affected area. Thereafter newspaper publication is to be made with waiting period of 30 days post which 100% amount is to be deposited in account of revenue officer who in turn will disburse the amount to landowner. The said procedure is time consuming and has affected the progress badly.
	765 kV S/C Champa (Pool) – Dharamjaygarh (Q) line	49							141	93	80	2.48	Nov-18	Jan-18	a)Progress affected due to demonetization till 18th Jan'17 b) SDO, Janjgir-Champa has issued an order on 08.12.2016 notifying the procedure for releasing compensation to landowners.As per order, the assessment for affected land is to be done by Tehsildar and revenue circle officer shall assess compensation for the affected area. Thereafter newspaper publication is to be made with waiting period of 30 days post which 100% amount is to be deposited in account of revenue officer who in turn will disburse the amount to landowner. The said procedure is time consuming and has affected the progress badly.
	LILO of one ckt of Aurangabad – Padghe 765 kV D/C (hexa) line at Pune	128							175	29	19		Mar-19	May-18	Progress affected due to demonetization till 18th Jan'17.

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 31/01/2017

Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.सं अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.	
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरिक्शन Tower Erect. (no.)	स्ट्रींग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.		
26	Transmission System required for evacuation of power from Kudgi TPS (3x800 MW in Phase-I) of NTPC Limited. M/s by L&T infrastructure development project Limited.		Aug'13													
	400 kV 2xD/C Kudgi TPS – Narendra line (I&II)													Mar'15		Ready for Commissioning on 27.03.2015 & Line 1 & 2 commissioned in Nov-15 & Jun-16 resp.
	765 kV D/C Narendra (New) – Madhugiri line	758							867	867	867	757	DEC-15	JUN-16		Line Commissioned on 23.09.2016
	400 kV D/C Madhugiri – Bidadi line	186							256	256	256	186	DEC-15	JUN-16		Commissioned on 24th August 2016
27	Transmission System for Patran 400kV S/S. M/s by Techno Electric and Engineering Company Ltd.		Nov'13													
	1. LILO of both circuits of Patiala-Kaithal 400kV D/C at Patran (Triple snow Bird Conductor)	1							2	2	2	1	MAY-16	JUN-16		Commissioned 06/16.
28	Transmission System Associated with Krishnapattnam UMPP- Synchronous interconnection between SR and WR (Part-B). M/s by Raichur Solapur Transmission Company Limited.															
	765 kV S/C Raichur-Sholapur line-1	208										208				Line commissioned in 30.06.2014
29	Transmission system strengthening in Indian system for transfer of power from new HEP's in Butan. M/s by Kalpataru.		Jan'16													
	400 KV D/C Alipurduar (PG) – Siliguri (PG) line	232							326	23			Mar'19	Mar'19		ROW from Landowners under location 131/1 & 117/3
	400 KV D/C Kishanganj (PG) – Darbhanga (DMTCL) line	418							542	66			Mar'19	Mar'19		

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Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.म अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टावर ईरैक्शन Tower Erect. (no.)	स्ट्रींग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
30	Transmission system associated with DGEN TPS (1200 MW) of Torrent Power Ltd. M/s by Instalaciones Inabensa		Mar'15											May'18	- EPC contract signed, detailed survey completed - Engineering design completed - Tower manufacturing started - Proposal preparation ongoing for crossings (rail, road, power lines etc) in order to get its approval from applicable authority. - Cadastral survey as required for starting the RoW activity is completed. - Project authority had not started construction activity as per execution plan. Matter was taken up with the project authority and notice served in August/Sept 2016 but project authority did not respond.
	400 kV D/C DGEN TPS – Vadodara line														
	220 kV D/C Navsari - Bhesatan line														
31	System strengthening in NR for import of power from North Karanpura and other projects outside NR and system strengthening in WR for import of power from North Karanpura and other projects outside Western Region and also for projects within Western Region. M/s by Reliance.		May'10												SC on 12th August has disposed of the appeal and directed ATE to decide on the appeal. Next hearing in ATE is due on 9th Jan 2017. As the approval by Ministry of Power (MoP) u/s 68 of Electricity Act 2003 to the project have already expired, the Company has filed a letter on January 14, 2014 requesting extension of the same.
	400 kV D/C Sipat/Korba pooling station – Seoni line	334											NOV-13		Work is yet to start.
	400 kV D/C Lucknow – Bareilly line	220											NOV-13		Work is yet to start.
	400 kV D/C Agra – Gurgaon line	220											NOV-13		Work is yet to start.

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Rs. in Crore

क्रमांक Sl. No.	परिषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.म अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च '15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
	400 kV D/C Gurgaon – Gurgaon (PG) line	20											NOV-13		Work is yet to start.
32	Talcher-II Augmentation System. M/s by Reliance		Apr'10												
	400 kV D/C Talcher II – Rourkela (Q) line	161											OCT-12		Work is yet to start
	400 kV D/C Talcher II – Behrampur line	220											OCT-12		Work is yet to start
	400 kV D/C Behrampur – Gazuwaka line	290											OCT-12		Work is yet to start
33	Immediate evacuation for North Karanpura (3x660MW) generation project of NTPC + (ERSS-XXIX). M/s by North Karanpura Transco Ltd		Jul'16												☐ Change in Law: Addl. Krishi Kalyan Cess, Increase in Effective Composite Rate of Service Tax payable on Works Contract, change in acquisition price and the same has been intimated to all LTTCs.. ☐ As suggested by PGCIL, the only feasible solution for termination of NK-C line is by sharing multi-circuit tower(s) with PGCIL's C-L line. Intimation on the implementation and commercial arrangement for the multi-circuit tower(s) awaited from PGCIL.

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Rs. in Crore

क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.सं अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च' 15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टावर ईरैक्शन Tower Erect. (no.)	स्ट्रींग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
	400kV D/C North Karanpura – Gaya line (Q)	185								9			SEP-19		a) NOC from Central Coalfield awaited which in turn is affecting survey and line route, Financial Closure and other enabling works, submission of Section 164 proposal got delayed. b) The Gazette of India Publication (No. 2022, Part-II-Section 3 – Sub section (ii) Dated 12th August) by Ministry of Coal regarding land acquisition of Magadh Expansion-II affecting finalization of route. Now it has become more critical for TSP to finalize the Route alignment. c) Finalization of take-off route from NTPC plant. Alignment was submitted to NTPC on 22.09.2016, approval awaited from NTPC.

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (TRANSMISSION LINES) AS ON 31/01/2017

Rs. in Crore

क्रमांक Sl. No.	परिषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.म अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
	400kV D/C North Karanpura – Chandwa (Jharkhand) Pooling Station line (Q)	63							112	4			17-Sep		a) NOC from Central Coalfield awaited which in turn is affecting survey and line route, Financial Closure and other enabling works, submission of Section 164 proposal also got delayed. b) The Gazette of India Publication (No: 2022, Part-II-Section 3 – Sub section (ii) Dated 12th August) by Ministry of Coal regarding land acquisition of Magadh Expansion-II affecting finalization of route. Now it becomes more critical for TSP to finalize the Route alignment c) Bay co-ordinates at Chandwa received from PGCIL on 10.10.2016. Intimation on the implementation and commercial arrangement for the multi-circuit tower(s) required for termination of NK-C line awaited from PGCIL. d) Finalization of take-off route from NTPC plant. Alignment was submitted to NTPC on 22.09.2016, approval awaited from NTPC.
	LILO of both circuits of Ranchi – Maithon-RB 400kV D/c line at Dhanbad	2.4											May-19		
34	Connectivity system for Khargone TPP. M/s by Khargone														- Detailed Survey Completed. - EPC Contract awarded for Transmission line and Substation. - Land Acquisition is under process. - Online Proposal for Forest Clearance has been submitted on MoEF & cc Web portal
	LILO of one ckt of Khandwa - Rajgarh 400kV D/C line at Khargone TPP														

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क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.म अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.	
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर ईरैक्शन Tower Erect. (no.)	स्ट्रींग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.		
	400 kV D/C Khargone TPP Switchyard – Khandwa pool (Quad) line															
	765kV D/C Khandwa Pool – Indore line															
	765 kV D/C Khandwa Pool – Dhule line															
35	Arunachal Pradesh . M/s by Dinchang.															Yet to award / Bidding Under Process
	400 kV D/c Dinchang - Rangia / Rowta Pooling Point (Quad)															
	LILO of both ckts of Balipara-Bongaigaon 400kV D/C (Twin Moose) line at Rangia / Rowta															
36	NER System Strengthening Scheme II . M/s by NER II Transmission Limited + NERSS-V															Yet to award / Bidding Under Process
	400 kV D/C Surajmaninagar - P. K. Bari line															
	132 kV D/C AGTPP (NEEPCO) – P.K. Bari (TSECL) line															
37	765 kV System Strengthening Scheme in Eastern Region. ERSS-XVIII. M/s.by Medinipur-Jeerat Transmission Limited															Yet to award / Bidding Under Process
	765kV D/c Medinipur - Jeerat (New) Hexa line															
	LILO of Jeerat (WB) – Subhasgram (PG) 400 kV S/c section at Rajarhat (PG)															
	765kV D/c Ranchi (New) – Medinipur Hexa line															
	400kV D/c Medinipur – Haldia New (NIZ) (WBSETCL) line															

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क्रमांक Sl. No.	पारेषण लाईन का नाम Name of the Trans line	लंबाई (सीकेएम) Length (CKM)	भा.स./नि.म अनुमोदन GoI / BoD Appl.	लागत (अनुमोदित) /प्रत्याशित Cost (Appd.) /Ant.	संचयी व्यय (मार्च'15 तक) Cumml Exp. till prev. Year Mar'16(Pr ovisional)	चालु वर्ष का व्यय Current year Expen.		संचयी व्यय Cumml Exp. पिछले माह तक upto prev. month (Dec'16)	निर्माण की प्रगती Progress of Construction				संपूर्ति लक्ष्य Completion Tgt.		Remarks / Constraints & assistance required.
						अनुमनित बजट (16- 17) B.E. (16-17)	Actual upto prev. month (Dec'16)		लोकेशन Locs. (no.)	स्टब सेटिंग Stubs Setting (no.)	टॉवर इरैक्शन Tower Erect. (no.)	स्टीरिंग Strng. (ckm)	Sch. IA / BPTA* whichever later	प्रत्या./ वास्त. Ant./ Act.	
	LILO of both circuits of Chandithala – Kharagpur 400 kV D/c line at Medinipur														
	400 kV D/c Jeerat (New) – Jeerat (WB) line														
	400 kV D/c Jeerat (New) – Subhasgram line														
38	North Eastern Region Strengthening Scheme (NERSS-VI). M/s by Kohima-Mairani Transmission Limited														Yet to award / Bidding Under Process
	400 kV D/C Imphal-New Kohima line														
	400 kV D/c 3. New Kohima -New Mariani line														

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (SUB-STATIONS) AS ON 31/01/2017

PART - II : सब स्टेशन SUBSTATION

क्रमांक Sl. No.	सब स्टेशन का नाम Name of the Sub -Station	एम.वी.ए अनुपात MVA Ratio	भा.स./नि.मं अनुमोदन GoI / BoD Approval	इरेक्शन ठेकेदार Erection Contractor	जमीन की स्थिति Status of land	निर्माण की स्थिति Status of Construction			ट्रांसफार्मर Transformer		संपूर्ति लक्ष्य Completion Tgt.		Remarks
						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई 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								Aug'13/ Dec'17	Dec'17	
1.1.1	Part-A : North East - Northern/ Western Interconnector -I										Aug'13	Sep'16	Lower Subansiri bay shall be commissioned matching with completion of Lower Subansiri - BNC lines. Work of this line is standstill since Dec.'11. Completion uncertain.
1.1.1.1	400/132KV Biswanath Chariyali Pooling Station	2x200		ABB	Acquired	Compltd	Compltd	Compltd	2	2	Aug'13	Jan'16	Sub station along with ICT-II commissioned in Oct'15 & ICT -I in Jan'16.
1.1.1.2	HVDC Rectifire Module at Biswanath Chariyali (3000MW)			JV of ABB & BHEL	Acquired	Compltd	Compltd	Compltd	2	2	Aug'13	Sep'16	Pole-I test commissioned in Oct'15. Pole -II commissioned in Sep'16.
1.1.1.3	HVDC Rectifire Module at Agra (3000MW)			JV of ABB & BHEL	Acquired	Compltd	Compltd	Compltd	2	2	Aug'13	Sep'16	Pole-I test commissioned in Oct'15. Pole -II commissioned in Sep'16.
1.1.1.4	Aug. of 400KV Agra S/Stn.	4x105		ABB	Available	Compltd	Compltd	Compltd	1	1	Aug'13	Jan'16	Commissioned in Jan'16.
1.1.1.5	Extn. of 400KV Balipara S/Stn.			ICSA	Available	Compltd	Compltd	Compltd			Aug'13	Sep'15	Bay test charged in Sep'15.
1.1.1.6	Extn. of 132KV Biswanath Chariyali S/Stn.			ABB	Available	Compltd	Compltd	Compltd			Aug'13	Sep'15	Bay test charged in Sep'15.
1.1.2	Part-B : Transmission System for immediate evacuation of Power from Kameng HEP										Feb'13	Dec'17	Completion matching with Gen. Proj.
1.1.2.1	2nd ICT of 400/220KV Misa S/Stn.	1x315		ICSA	Available	Compltd	Compltd	Compltd	Compltd	Compltd	Feb'13	Jun'12	Commissioned in Jun'12.
1.1.2.2	Extn. of 400KV Balipara S/Stn.			ICSA	Available	Compltd	Compltd	Compltd			Feb'13	Dec'17	Bongaigaon bay commissioned in Oct'14. Balance by Jan'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 almost stalled due to agitation against big dam)/delay in Gen. MoP/CEA assistance sought to solved ROW issue in line.
1.2	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - A2.		Dec'11								Aug'14	Apr'16	PROJECT COMPLETED.
1.2.1	765/400KV Varanasi GIS S/stn.	2x1500		Hyosung	Acquired	Compltd	Compltd	Compltd	2	2		Mar'16	ICT-I commissioned & ICT-II commissioned in Mar'16.
1.2.2	Extn. of 765KV at Ranchi & Dharmjayagarh S/stn.				Available	Compltd	Compltd	Compltd				Dec'15	Commissioned in Dec'15.
1.2.3	Extn. of 765KV SS at Balia			L&T	Available	Compltd	Compltd	Compltd				Mar'16	Commissioned in Mar'16.

MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (SUB-STATIONS) AS ON 31/01/2017

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 (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविकAnt. / Act	
1.3	Transmission System Associated with KRAISHNAPATNAM UMPP - Part - B.		Feb'12								Oct'14	Apr'16	PROJECT COMPLETED.
1.3.1	765/400KV Raichur Sub station	2x1500		BHEL	Available	Compltd	Compltd	Compltd	2	2		Jan'14	Sub station commissioned alongwith ICT-I in Dec'13 & ICT-II in Jan'14
1.3.2	765/400KV Sholapur Sub station	2x1500		ABB	Available	Compltd	Compltd	Compltd	2	2		Jan'14	Sub station commissioned alongwith Both ICT's in Dec'13/Jan'14.
1.3.3	765/400KV Pune (GIS)	2x1500		Hyosung	Acquired	Compltd	Compltd	Compltd	2	2		Feb'15	Sub station commissioned alongwith both ICT's in Feb'15.
1.4	WR - NR HVDC Interconnector for IPP Projects in Chattisgarh		Mar'12								Jun'15.	Jun'17	
	PART-A: WR-NR Interconnector for IPP Projects in Chattisgarh												
1.4.1	HVDC Rectifier Module of 3000MW capacity at Champa			Alstom		95%	98%	88%	1	1		Jun'17	Work under progress. Land acquired in Apr'13. Pole-I commissioning expected by Feb'17 & Pole-II by Jun'17.
1.4.2	HVDC Rectifier Module of 3000MW capacity at Kurukshetra			Alstom		95%	98%	88%	1	1		Jun'17	Work under progress. Land acquired in Apr'13. Pole-I commissioning expected by Feb'17 & Pole-II by Jun'17.
1.4.3	400/220KV Kurukshetra S/Stn. (GIS)	2x500		Alstom		99%	99%	99%	2	2		Feb'17	400KV bays ready for commissioning in Dec'15. Balance work under progress. Commissioning matching with HVDC Terminal..
	PART-B: Trans. System Strengthening in NR for IPP Proj. in Chittasgarh												
1.4.5	Extn. 400/220KV Jalandhar S/stn.			KPTL	Available	Compltd	Compltd	Compltd				Dec'15	Commissioned in Dec'15.
1.4.6	Extn. 400/220KV Nakodar (PSTCL) S/stn.			KPTL	Available	Compltd	Compltd	Compltd				Dec'15	Commissioned in Dec'15.
1.5	Common System Associated with East Coast Energy Pvt. Ltd and NCC Power Projects Ltd. LTOA Gen. Proj. in Srikakulam area- Part-B		Mar'13								Dec'15	Dec'17	
1.5.1	Extn. of 765/400KV Angul S/stn.			Techno	Available	95%	90%	82%				Dec'17	Supply, civil works & erection under progress. Completion matching with line.
1.5.2	Extn. of 765/400KV Jharsuguda S/stn.			Techno	Available	95%	90%	82%				Dec'17	Supply, civil works & erection under progress. Completion matching with line.
1.5.3	Extn. of 765/400KV Dharamjaigarh S/s.			Techno	Available	99%	95%	96%				Dec'17	Supply, civil works & erection under progress. Completion matching with line.
1.6	Common System Associated with East Coast Energy Pvt. Ltd and NCC Power Proj. Ltd. LTOA Gen. Proj. in Srikakulam area - Part-C		Mar'13								Jun'15	Mar'17	
1.6.1	765/400KV Srikakulam Pooling Station	2x1500		765KV GIS - Hyosung /	Available	95%	97%	94%	2	1		Mar'17	765KV Bay commissioned in Jan'17 matching with line. Balance work under progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant. / Act	
1.6.2	Extn. of 765/400KV Angul S/stn.			Techno	Available	100%	100%	100%				Jan'17	Commissioned in Jan'17.
1.7	Trans. Syatem Strengthening in WR - NR Transmission Corridor for IPP's in Chaittisgarh		Jun'14								Mar'18	Mar'18	
1.7.1	Upgradation of +/- 800KV HVDC Converter stn. 3000MW to 6000MW at Champa Stn.	3000			Available	32%	22%					Mar'18	Award placed in Jul'14. Engg., supply & civil work under progress.
1.7.2	Upgradation of +/- 800KV HVDC Converter stn. 3000MW to 6000MW at Kurukshetra Stn.	3000			Available	30%	21%					Mar'18	Award placed in Jul'14. Engg., supply & civil work under progress.
1.7.3	Extn. At 400/220KV Kurukshetra S/stn.				Available	20%						Mar'18	Work under progress. Efforts are being made to complete early.
1.7.4	Extn. At 400/220KV Jind S/stn.			Alstom	Available	20%						Mar'18	Efforts are being made to complete early.
1.8	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.
1.8.1	765/400KV Orai Sub station	2x1000		NHVS/ KEC	Acquired	25%	20%	1%				Apr'18	Engg., supply, civil work & erection under progress.
1.8.2	765/400KV Aligarh Switching Stn. (GIS)			Hysoung	Acquired	20%	5%					Apr'18	Engg., supply & civil work under progress.
1.8.3	Extn at 765/400KV at Jabalpur PS				Available	25%	15%					Apr'18	Engg., supply & civil works under progress.
1.8.4	Extn at 765/400KV at Jhatikara & Gwalior S/stn.			Alstom	Available	45%	35%					Apr'18	Award placed. Engg., civil work & supply under progress.
1.8.5	Extn at 400KV at Orai (UPPTCL) S/stn.			NHVS/ KEC	Available							Apr'18	Award placed in Oct'15. Engg. in progress.
1.9	Wardha - Hyderabad 765 KV Links		Feb'15								May'18	May'18	
1.9.1	765/400KV Nizamabad Sub station	2x1500		Hysoung	Acquired	85%	85%	75%	1			Mar'17	Efforts being made to complete in FY 2016-17.
1.9.2	Extn. at 765/400KV Hyderabad S/stn.				Available	78%	60%	52%				May'18	Engg., civil work, supply & erection under progress.
1.9.3	Extn. at 765/400KV Wardha S/stn.				Available	95%	90%	80%				Mar'17	Award placed in Aug'15. Engg., supply & civil work under progress.
1.9.4	Extn. at 400KV Dichpally S/stn. (APTRANSCO)				Available							Mar'17	Work being executed by APTRANSCO on deposit basis. Efforts being made to complete in FY 2016- 17.
1.10	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - A		Apr'15								Apr'17	Dec'18	
1.10.1	765/400KV Chittorgarh Sub station	2x1500		Techno	Acquired	55%	60%	35%				Sep'17	Civil work, supply & erection under progress.
1.10.2	765/400KV Ajmer Sub station	2x1500		Techno	Acquired	65%	65%	40%	1			Sep'17	Civil work, supply & erection under progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविकAnt. / Act	
1.10.3	400/230KV Tirunelveli Pooling station (GIS)	2x500			Acquired	95%	30%	20%				Dec'18	Work under progress. To be match with Gen.
1.10.4	Extn. of 400/230KV Tuticorin Pooling station				Available	60%	70%	30%				Dec'18	Work under progress. To be match with Gen.
1.10.5	Extn. of 400/220KV Chittorgarh (RVPN) & Ajmer (RVPN) S/stn.			Techno	Available							Feb'18	Award placed. Engg. in progress.
1.11	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - B		Apr'15								Apr'18	Apr'18	
1.11.1	765/400KV Banaskanta Sub station	2x1500 & 2x500		BHEL	Acquired	45%	30%					Apr'18	Engg., civil work & supply under progress.
1.11.2	Extn. of 765/400KV Chittorgarh S/stn.	-		BHEL	Available	35%	30%	15%				Dec'17	Civil work, supply & erection under progress. Completion matching with associated line.
1.11.3	Extn. of 765/400KV Ajmer S/stn.	-		BHEL	Available	55%	25%	10%				Dec'17	Civil work, supply & erection under progress. Completion matching with associated line.
1.11.4	Extn. of 400/220KV Sankhari S/stn. (GETCO)	-		BHEL	Available							Apr'18	Award placed in Sep'15. Engg. in progress.
1.12	Transmission System Strengthening in Indian System for Transfer of Power from Mangdechhu Hydroelectric Proj, in BHUTAN.		Mar'16								Jan'18	Jan'18	
1.12.1	Extn at 400KV bays at Alipurduar S/stn.				Available							Jan'18	Major work completed. Commissioning matching with line.
1.13	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	
1.13.1	800KV HVDC Raigarh Station with 6000 MW HVDC Terminal				Acquired							Nov'19	Award placed in Jun'16. Package was court case. Resolved in Dec'16.
1.13.2	800KV HVDC Pugalur Station with 6000 MW HVDC Terminal											Nov'19	Award under progress.
1.14	Green Energy Corridore ISTS - Part -D		May'16								May'19	May'19	Efforts are being made to complete early.
1.14.1	765/400KV Bikaner Sub station	2x1500		Techno	Acquired	5%						May'19	Award placed in May'16. Engg. & civil work under progress.
1.14.2	Extn. at 765/400KV Ajmer Sub station			Techno	Available							May'19	Award placed in May'16. Engg. in progress.
1.14.3	Extn. at 765/400KV Moga Sub station			Techno	Available							May'19	Award placed in May'16. Engg. in progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant. / Act	
2.0	NORTHERN REGION												
2.1	Northern Region System Strengthening Scheme - XVIII		Feb'09								Nov'11	Jan'17	PROJECT COMPLETED.
2.1.1	400/220KV Dehradun Sub station	2x315		Emco	Acquired	Compltd	Compltd	Compltd	2	2		Jan'17	Commissioned in Jan'17.
2.1.2	Extn. 400/220KV Bagpat GIS			Siemens	Available	Compltd	Compltd	Compltd				Jan'17	Commissioned in Jan'17.
2.2	Northern Region System Strengthening Scheme - XIX		Feb'09/ Mar'16								Feb'12 / Mar'16	Jun'16	PROJECT COMPLETED.
2.2.1	400/220KV Bagpat Gas Insulated Stn.	2x500		Siemens	Acquired	Compltd	Compltd	Compltd	2	2		Jun'16	ICT-I charged in Mar'16 & ICT-II in Jun'16.
2.3	System Strengthening in Northern Region for SASAN & MUNDRA (UMPP)		Dec'09								Aug'12	Jan'17	PROJECT COMPLETED.
2.3.1	400/220KV Sikar Sub station	2x315		CGL	Available	Compltd	Compltd	Compltd	Compltd	Compltd		Mar'12	Sub station commissioned alongwith ICT-I in Jan'12 & ICT-II in Mar'12. Balance work commissioned in Jan'17
2.3.2	400/220KV Panchkula Sub station	2x315		CGL	Available	Compltd	Compltd	Compltd	Compltd	Compltd		Feb'12	S/Stn. commissioned alongwith both ICT's in Feb'12.
2.3.3	Extn. 765/400KV Agra Sub station			ABB	Available	Compltd	Compltd	Compltd				Dec'13	Commissioned in Dec'13
2.3.4	Extn. of 400/220KV Ratnagarh (RVPN) S?S				Available	Compltd	Compltd	Compltd				Feb'15	Deposit works by RVPNL.
2.3.5	Extn. of 400/220KV Jaipur Sub station			CGL	Available	Compltd	Compltd	Compltd				Sep'12	Commissioned in Sep'12.
2.4	Northern Region Transmission Strengthening Scheme		Mar'10								Nov'12	May'16	PROJECT COMPLETED.
2.4.1	400/220 KV Sohawal Sub station	2x315		GET Power	Acquired	Compltd	Compltd	Compltd	Compltd	2		Sep'12	Sub station alongwith ICT-I & II commissioned in Jun'12. Balance commissioned in Jan'13.
2.4.2	400/220 KV Shahajanpur Sub station	2x500		GET Power	Acquired	Compltd	Compltd	Compltd	2	2		Sep'14	ICT-I (500MVA) Charged in Jun'14. & ICT-II commissioned in Sep'14.
2.4.3	400/220 KV Saharanpur Sub station	2x315		TATA	Acquired	Compltd	Compltd	Compltd	2	2		May'16	Commissioned in May'16.
2.4.4	400/220 KV Jind Sub station	2x500		L&T	Acquired	Compltd	Compltd	Compltd	Compltd			Mar'13	Sub station commissioned in Mar'13.
2.4.5	400/220 KV Jaipur (South) Sub station	2x500		GET Power	Acquired	Compltd	Compltd	Compltd	Compltd	Compltd		Nov'12	Sub station test charged with ICT-I in May'12 & ICT-II in Nov'12.
2.4.6	Extn. 400/220 KV at Bhiwadi	1x315		GET Power	Available	Compltd	Compltd	Compltd	Compltd	Compltd		Mar'12	Commissioned in Mar'12.
2.4.7	Extn. 400/220 KV at Gurgaon (GIS)	-		Siemens	Available	Compltd	Compltd	Compltd				Jan'15	Commissioned in Jan'15
2.4.8	Extn. 400KV at Bhiwani S/S	-		Areva	Available	Compltd	Compltd	Compltd				Mar'13	Bay commissioned.
2.4.9	Extn. 400/220 KV at Jaipur (Bassi) S/S	-		GET Power	Available	Compltd	Compltd	Compltd				Jul'13.	Completed.
2.4.10	Extn. 400/220 KV at Bareilly S/Stn.	-		Areva	Available	Compltd	Compltd	Compltd				Mar'14	Commissioned in Mar'14.

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2.5	Northern Regional System Strengthening Scheme - XVI		July'10/ May'15								July'13/ Nov'15	Mar'17	
2.5.1	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.
2.5.2	Extn. of 400/220KV Kishanpur Substation	-		JSL	Available	97%	96%	90%				Mar'17	New Wanpoh bay shall be ready matching with line.
2.6	Northern Regional System Strengthening Scheme - XXI		Aug'10								Apr'13	Jun'16	PROJECT COMPLETED.
2.6.1	765/400 KV Bareilly Sub station (with 125 MVAR Reactor)	2x1500		Areva	Acquired	Compltd	Compltd	Compltd	2	2		Aug'15	Sub station commissioned alongwith ICT-I in Apr'15 & ICT-II commissioned in Aug'15.
2.6.2	Extn. of 765/400 KV Lucknow Sub station (PG)	-		Areva	Available	Compltd	Compltd	Compltd				Mar'15	Commissioned in Mar'15.
2.6.3	Extn. of 400 KV Bareilly Sub station (PG)	-		Areva	Available	Compltd	Compltd	Compltd				Mar'14	Commissioned in Mar'14.
2.6.4	Extn. of 400 KV Kashipur Sub station (PTCUL)	-		Sterling & Willsion	Available	Compltd	Compltd	Compltd				Apr'15	Commissioned in Apr'15
2.6.5	Extn. of 400 KV Roorkee Sub station (PG)	-		TATA	Available	Compltd	Compltd	Compltd				May'16	Commissioned in May'16.
2.6.6	Extn. of 400 KV Saharanpur Sub station (PG)	-		TATA	Acquired	Compltd	Compltd	Compltd				May'16	Commissioned in May'16.
2.7	Northern Regional System Strengthening Scheme - XXIV		Nov'11								Nov'14	Jun'17	One space 400KV bay at Dulhasti HEP S/y of NHPC would be used for termination of the line at Dulhasti end.
2.7.1	Extn. at 400/220 KV Deharadun, Abdullapur and Kishenpur Sub station,			CGL/L&T	Available	Compltd	99%	99%				Jun'17	Testing under progress. Commissioning matching with line.
2.7.2	Extn. at 400/220 KV Balia Sub station, (2x63 MVAR Reactor)			GET	Available	Compltd	Compltd	Compltd				Jan'14	Commissioned in Jan'14.
2.8	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - B.		Feb'12								Oct'14	Oct'16	PROJECT COMPLETED.
2.8.1	765/400KV Kanpur Sub station (GIS),	2x1500		Pinggao	Acquired	Compltd	Compltd	Compltd	2	2		Jul'16	Commissioned in Jul'16.
2.9	Northern Regional System Strengthening Scheme - XXVIII		Sep'12								May'15	Jul'16	PROJECT COMPLETED.
2.9.1	Extn. of 765/400KV Varanasi S/Stn. (GIS)			Hysoung	Available	Compltd	Compltd	Compltd				Mar'16	Commissioned in Mar'16.
2.10	Strengthening Scheme in Northern Region		Oct'12								Oct'14	Sep'17	
2.10.1	Extn of 400/220KV Kota S/Stn. (PG) (Shifting 50MVAR LR Merta to Kota)			Alstom	Available	100%	100%	100%				Mar'16	Commissioned in Mar'16.
2.10.2	Extn of 400/220KV Dehar S/Stn. (BBMB) (Inst. of 2x63 MVAR BR & Repl. 250MVA Tfr. to 4x105 MVA)	65		NHVS/ EMC	Available	90%	80%	76%	1	1		Sep'17	One reactor commissioned. Repl. of ICT, charged in Jan'17. Balance 01 reactor damaged. Expected by Sep'17.

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2.10.3	Extn of 400/220KV Koteswar S/Stn. (THDC) (125 MVAR BR)			Alstom	Available	100%	100%	99%				Mar'17	Balance work under progrss.
2.11	Northern Region System Strengthening Scheme - XXVII	-	Dec'12								Aug'14	Jun'16	PROJECT COMPLETED.
2.11.1	Extn. 400/220KV Rajpura Sub station			Alstom	Available	Compltd	Compltd	Compltd				Jun'16	Test charged in Jun'16.
2.11.2	Extn. 400/220KV Panchkula Sub station			CGL	Available	Compltd	Compltd	Compltd				Mar'15	Commissioned in Mar'15.
2.11.3	Extn. 400/220KV Kota Sub station			L&T	Available	Compltd	Compltd	Compltd				Mar'16	Commissioned in Mar'16.
2.11.4	Extn. 400/220KV Chamera (GIS) S/stn.			ABB	Available	Compltd	Compltd	Compltd				Aug'14	1No. of 220KV Line Bay Commissioned in Aug'14.
2.12	Transmission System Associated with Meja TPS.		Mar'13								July'15	Apr'16	PROJECT COMPLETED.
2.12.1	Extn. at 400/220KV Allahabad S/Stn. (Extn. at Meja developed by Gen. Agency)			L&T	Available	Compltd	Compltd	Compltd				Apr'16	Work completed. Gen. project delayed.
2.13	Transmission System Associated with RAPP 7 & 8 - Part-A.		Mar'13								Mar'15	Jun'17	Generation project delayed.
2.13.1	Extn. at 400KV Kota S/stn.			Techno	Available	Compltd	Compltd	Compltd				Jun'17	Work completed. Commissioning matching with line.
2.14	Northern Region System Strengthening Scheme -XXV		Sep'13								Mar'16	Oct'16	
2.14.1	Extn. at 765/400KV Bhiwani Sub station	-			Available	Compltd	Compltd	Compltd				Oct'16	Ready for commissioning in Sep'16 & commissioned in Oct'16.
2.14.2	Extn. at 765/400KV Jaipur (RVPNL) S/s	-		Alstom	Available	Compltd	Compltd	Compltd				Oct'16	Ready for commissioning in Sep'16 & commissioned in Oct'16.
2.14.3	Extn. at 400KV Hissar S/stn.	-			Available	Compltd	Compltd	Compltd				Jun'15	Commissioned in Jun'15.
2.15	Northern Region System Strengthening Scheme -XXX		Feb'14								Jun'16	Jun'17	
2.15.1	Extn. at 400KV Singrauli S/stn. at NTPC Gen. Stn.			Alstom	Available	75%	82%	40%				Jun'17	Supply & civil works under progress. Eqpt. erection to start in Dec'16.
2.15.2	Extn. at 400/220KV Allahabad S/Stn.			Alstom	Available	100%	92%	91%				Jun'17	Supply, civil works & erection under progress.
2.15.3	Extn. at 765/400KV Kanpur GIS			Alstom	Available	100%	85%	90%				Jun'17	Supply, civil works & erection under progress.
2.16	Northern Region System Strengthening Scheme -XXXII		Feb'14								Jun'16	Sep'17	
2.16.1	Aug. at 400/220KV Ballabgarh S/stn. (replacing existing 4x315MVA with 4x500MVA ICT's)	740		Emco	Available	83%	87%	60%	2	2		Sep'17	ICT-I commissioned in Feb'16 & ICT-II in Sep'16. Balance work under progress. Transformer supply expected by Mar'17.
2.16.2	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.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाय Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant. / Act	
2.16.3	Provision of 7x105 MVA 400/220KV ICT at Parbati PS	630		Hysoung/ L&T	Available	60%	55%	45%				Mar'17	Civil work, supply & erection under progress. MoP/CEA assistance required for implementation of Down stream line by HPSEB.
2.16.4	Aug. at 400/220KV Gurgaon S/stn. (4th ICT-500MVA)	500		Hysoung/ L&T	Available	80%	80%	45%				Jun'17	Award placed in Dec'14. Engg. & civil works under progress.
2.16.5	Extn. at 400/220KV Panchkula & Patiala S/stn.	-		Alstom	Available	Compltd	Compltd	Compltd				Apr'16	Commissioned in Apr'16.
2.16.6	Extn. at 765/400/220KV Lucknow S/stn.	-		Emco	Available	95%	95%	95%				May'17	Award placed in Sep'14. Engg., Supply, civil work & erection under progress.
2.16.7	Extn. at 765/400/220KV Kanpur S/stn.	-		Hysoung	Available	95%	90%	95%				May'17	Award placed in Dec'14. Engg., Supply, civil work & erection under progress.
2.16.8	Extn at 400/220KV Chittorgarh S/stn.	-			Available	Compltd	Compltd	Compltd				Sep'16	Charged on 30.09.16.
2.16.9	Extn at 400/220KV Kaithal S/stn.	-		Emco	Available	99%	100%	75%				Mar'17	Erection under progress. Commissioning matching with line.
2.17	Static VAR Compensators (SVCs) in Northern Region		May'14								Aug'16	Jun'17	
2.17.1	SVC at 400/220KV Ludhiana S/stn. (+)600MVAR / (-) 400MVAR	-		Siemens	Available	Compltd	Compltd	Compltd				Nov'16	Commissioned in Nov'16.
2.17.2	SVC at 400/220KV Kankroli S/stn. (+)400MVAR / (-) 300MVAR	-		Siemens	Available	Compltd	Compltd	Compltd				Dec'16	Commissioned in Dec'16.
2.17.2	SVC at 400/220KV New Wanpoh S/stn. (+)300MVAR / (-) 200MVAR	-		Siemens	Available	65%	62%	82%				Jun'17	Work affected due to disturbance in Kashmir since 07.08.16. Min. 04 working months required
2.18	Augmentation of Transformers in Northern Region - Part-B.		Mar'14								Mar'16	Jun'17	
2.18.1	Extn. at 400/220KV Samba S/stn.	315		Toshiba	Available	Compltd	Compltd	Compltd	1	1		Oct'16	Commissioned in Oct'16.
2.18.2	Extn. at 400/220KV Gurgaon S/stn.	500		NHVS/ EMC	Available	65%	85%	55%				Jun'17	Engg., supply, civil work & erection under progress.
2.18.3	Extn. at 400/220KV Hamirpur S/stn.	3x105		NHVS/ EMC	Available	45%	20%	15%				May'17	Erection under progress. Down stream line delayed. CEA to take up with State for readiness of down stream line by Mar'17.
2.18.4	Extn. at 400/220KV Jalandhar S/stn.	500		Toshiba	Available	Compltd	Compltd	Compltd	1	1		Jun'16	Commissioned in Jun'16.
2.18.5	Extn. at 400/220KV Panchkula S/stn.	500		Toshiba	Available	Compltd	Compltd	Compltd	1	1		Mar'16	Commissioned in Mar'16.
2.19	Transmission System associated with Tehri Pump Storage Plant (PSP)		Jan'15								Oct'17	Oct'17	Work slowed-down extent possible due to delay in Gen. (expected by Sep'19).
2.19.1	765/400KV Tehri Poolig Station (GIS)	4x800		NHVS/KEC		37%	10%					Oct'17	Award placed in Mar'15. Engg., civil work & supply under progress.
2.19.2	Extn. at 765/400KV Meerut Sub station	1500		NHVS/KEC	Available	40%	15%					Oct'17	Award placed in Mar'15. Engg., civil work & supply under progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant. / Act	
2.20	Transmission System associated with Kishanganga HEP		Jan'15								Mar'18	Mar'18	Bays at Amargarh in the scope of PDD, J&K Govt (ready).
2.20.1	Extn. at 400/220KV Wagoora S/Stn. (PG). (02 nos line bays)	-		GE Alstom	Available	8%					Mar'18	Mar'18	Engg. & civil work under progress. Work affected due to disturbance in Kashmir.
2.21	Bus Reactors in Northern Region (Phase-II)		Feb'15								Aug'17	Aug'17	
2.21.1	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.
2.21.2	Extn. at 400/220KV Manesar, Kanpur, Bassi & Jaipur South Sub station (125MVAR Bus Reactors in each extn.)	-		GE Alstom / ABB	Available	70%	75%	60%				Aug'17	Extn. at Bassi commissioned in Sep'16. Kanpur & Jaipur south commissioned in Dec'16. Manasar expected by Aug'17.
2.22	Northern Region System Strengthening Scheme -XXXIV		Mar'15								July'17	July'17	
2.22.1	Extn. at 400/220KV Agra Sub station	315		GE Alstom	Available	10%						Nov'17	Award placed in Sep'15. Engg.& civil work under progress.
2.22.2	Extn. at 400/220KV Kaithal Sub station	315		GE Alstom	Available	20%	5%					July'17	Award placed in Sep'15. Engg., supply & civil work under progress.
2.22.3	Extn. at 400/220KV Bhinamal & Jullandhar S/stn.			GE Alstom	Available	40%	25%	20%				July'17	Supply, civil work & erection under progress. Efforts being made to completion for Jullandhar S/s earlier.
2.23	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-A)		Mar'15								May'17	May'17	
2.23.1	400/220KV Rajghat Sub station (GIS)	4x500			Acquired							May'17	Re-award under progress. Possision of land in Dec'16. Award terminated due to delay in land acquisition.
2.23.2	400/220KV Dwarka -I Sub station (GIS)	4x500			Acquired							May'17	Land acquired in Aug'16. Award under progress.
2.24	Provision of 400KV Bays at Fatehpur for associated Trans. System of Unchahar TPS.		Apr'15								Nov'16	Sep'16	PROJECT COMPLETED.
2.24.1	Extn. of 765/400/220KV at Fatehpur S/stn.	-		Empower Trans.	Available	100%	100%	100%				Sep'16	Charged on 30 .09.16.
2.25	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-B1)		May'15								Jul'17	Jul'17	
2.25.1	400/220KV Tughlakabad S/stn (GIS)	4x500			Acquired							Jul'17	Land acquired in Jul'16. Award placed in Dec'16.
2.26	Provision of 400KV Bays for line under Northern Region System Strengthening Scheme - XXXI		May'15								Sep'16	Dec'16	PROJECT COMPLETED. Associated TBCB lines delayed.
2.26.1	Extn at Kurukshetra HVDC S/sn (GIS)			Alstom	Available	Compltd	Compltd	Compltd				Dec'16	Commissioned on 01.12.2016.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant. / Act	
2.26.2	Extn at 400/220KV Malerkotla Sub station (GIS)				Available	Compltd	Compltd	Compltd				Dec'16	Commissioned on 01.12.2016.
2.26.3	Extn at 400/220KV Amritsar Sub station			Alstom	Available	Compltd	Compltd	Compltd				Dec'16	Commissioned on 01.12.2016.
2.27	Transmission System Associated with RAPP 7 & 8 - Part - B.		Jul'15								Nov'17	Nov'17	Compln. Sch. - 28 months from IA or IA signed by Generator (Nov'17).
2.27.1	Extn. at 400/220KV Jaipur (South) S/stn.			Alstom	Available	17%						Nov'17	Award placed in Aug'15. Engg. & civil works under progress.
2.27.2	Extn. at 400/220KV Kota S/stn.			Alstom	Available	12%						Nov'17	Award placed in Aug'15. Engg. & civil works under progress.
2.28	Augmentation of Transformation Capacity at Mainpuri & Sikar S/stn.		Jan'16								Jan'18	Jan'18	Compln. Sch. - 24 months from IA
2.28.1	Extn. at 400/220KV Mainpuri S/stn.	1x500		SPML	Available	5%						Jan'18	Award placed in Mar'16. Engg. & civil work under progress.
2.28.2	Extn. at 400/220KV Sikar S/stn.	1x500		SPML	Available	20%						Jan'18	Award placed in Mar'16. Engg. & civil work under progress.
2.29	Provision of 400KV Bays for Northern Region System Strengthening Scheme - XXIX		Jan'16								Nov'18	Nov'18	Compln. Sch. - 18/34 months from IA
2.29.1	Extn. at 400/220KV Jalandhar S/stn.			Godrej	Available	Compltd	Compltd	Compltd				Dec'16	Commissioned in Dec'16.
2.29.2	Extn. at 400/220KV Samba S/stn.			Godrej	Available	40%	30%	20%				Nov'18	Jalandhar bay commissioned. Balance work (Amargarh bay) under progress.
2.30	Transmission System for Solar Power Park at Bhadla, Rajasthan.		Jul'16								Jan'19	Jan'19	Compln. Sch. - 30 Months from IA ADB funded.
2.30.1	765/400/220KV Bhadla Sub station	3x1500 3X500		TATA/ Alstom	Acquired							Jan'19	Award Placed in Aug'16. Engg. in progress.
2.30.2	Extn. at 765/400KV Bikaner Sub station			Alstom	Available							Jan'19	Award Placed in Aug'16. Engg. in progress.
2.30.3	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)
2.31	Provision of STATCOM at Nalagarh & Lucknow in Northern Region.		Aug'16								Feb'19	Feb'19	Compln. Sch. - 30 Months from IA
2.31.1	Extn. at Lucknow Sub station (STATCOM)	-		Ronxing	Available							Feb'19	Award placed in Sep'16. Engg. in progress.
2.31.2	Extn. at Nalagarh Sub station (STATCOM)	-		Ronxing	Available							Feb'19	Award placed in Sep'16. Engg. in progress.
2.32	Provision of Series Reactors in Northern Region.		Aug'16								Feb'19	Feb'19	Compln. Sch. - 30 Months from IA

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2.32.1	1 no. Series Bus Reactor at 400/220 KV Mandola S/stn. and 02 nos series line reactor along with associated bays	-		Alstom	Available							Feb'19	Award placed in Aug'16. Engg. in progress.
2.32.2	1 no. Series Bus Reactor at 400/220 KV Ballabhgarh Sub station along with associated bays	-		Alstom	Available							Feb'19	Award placed in Aug'16. Engg. in progress.
3.0	WESTERN REGION												
3.1	Western Region Strengthening Scheme - V		Dec'07/ Nov'12/ Jan'16								Sep'10/ Jun'13/ Dec'16	Dec'17	Matching with line.
3.1.1	400/220 KV Navi Mumbai (GIS).	2x315		ABB	Acquired	Compltd	Compltd	Compltd	2	2	Sep'10	May'17	Sub station is ready. Commissioning matching with LILO line (under ROW) now planned to be completed using under ground cable. Cable trench work under progress. 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			Sep'10	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.
3.2	Transmission System Associated with Mundra Ultra Mega Power Proj.		Oct'08/ Mar'16								Oct'12/ Mar'17	Feb'18	
3.2.1	400/220 KV Bachchau S/Stn.	2x315		Siemens	Acquired	Compltd	Compltd	Compltd	2	2	Oct'12	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	Oct'12	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			Oct'12	Dec'16	Commissioned in Dec'16 alongwith line.
3.2.4	765/400KV Wardha S/Stn.	3x1500		ABB	Acquired	Compltd	Compltd	Compltd	3	3	Oct'12	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	Oct'12	Feb'18	Sub station commisisoned alongwith both ICT's in Jan'14. Balance works under progress. Commissioned matching with line.
3.2.6	Extn. 765KV at Seoni & Wardha S/stn.			ABB	Available	Compltd	Compltd	Compltd			Oct'12	May'12	Bays for 1st Seoni - Wardha line commissioned in Feb'12. & IInd Seoni-Wardha 765KV S/C line bay commissioned in May'12.

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3.2.7	Extn. 400KV at Limbdi S/stn.			Siemens	Available	Compltd	Compltd	Compltd			Oct'12	Nov'11	Charged in Nov'11.
3.2.8	Extn. 400KV at Ranchorpura S/stn.			Siemens	Available	Compltd	Compltd	Compltd			Oct'12	Sep'11	Charged in Sep'11.
3.2.9	Extn. 400KV Jetpur S/stn.			Areva	Available	Compltd	Compltd	Compltd			Oct'12	Aug'12	Commissioned in Aug'12.
3.2.10	40% Fixed Series Compensation on Wardha - Aurangabad 400KV D/C line.			Alstom	Available	90%	95%	80%			Oct'12	Feb'18	Supply & civil works under progress. Completion matching with Wardha-Aurangabad line.
3.3	Establishment of Pooling Station at Champa and Raigarh (near Tamnar) for IPP Gen. Proj. in Chhatisgrh -B		May'11/ Mar'16								May'14/ Jun'16	Dec'16	PROJECT COMPLETED.
3.3.1	765/400 KV Champa Pooling Station	6x1500		ABB	Acquired	Compltd	Compltd	Compltd	6	6		Dec'16	400KV bay charged in May'15. ICT-I commissioned in Jun'15 & ICT-II Mar'16. ICT-III & IV commissioned in Sep'16 & ICT-V & VI in Dec'16. Delayed due to delay in land acquisition & subsequent non-readiness of dedicated line from IPP's.
3.3.2	765/400 KV Raigarh Pooling Station (near Tamnar)	3x1500		Siemens	Acquired	Compltd	Compltd	Compltd	3	3		Feb'14	ICT- I commissioned in Oct'13. ICT-II in Nov'13 and ICT-III in Feb'14.
3.3.3	Extn. 765/400KV Raigarh Pooling Stn. (near Kotra)			Techno	Acquired	Compltd	Compltd	Compltd				May'14	Commissioned in May'15.
3.3.4	Extn. 765 KV Raipur Pooling Stn.			CGL	Available	Compltd	Compltd	Compltd				May'14	Commissioned in May'14
3.3.5	Extn. 765KV Dharamjaygarh Pooling Stn.			JSL	Available	Compltd	Compltd	Compltd				May'14	Commissioned in May'14.
3.4	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D		Nov'11								July'14 / Jun'16	Sep'17	Matching with line.
3.4.1	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.
3.4.2	Aug. 400/220KV Boisar Sub station	1x500		L&T	Available	Compltd	Compltd	Compltd	1	1		Dec'14	Commissioned in Dec'14
3.4.3	Extn. at 765/400KV Wardha Sub station			Areva	Available	Compltd	Compltd	Compltd				July'14	Commissioned in July'14.
3.5	System Strengthening in North/West part of WR for IPP Project in Chhatisgrh - E.		Dec'11 / Mar'15								Aug'14 / Dec'15	Dec'17	
3.5.1	765/400KV Padghe S/Stn. GIS	2x1500		NHVS	Acquired	90%	95%	90%	2	2		Dec'17	Supply, civil works & erection under progress.
3.5.2	Extn. at 765/400KV Aurangabad			Alstom	Available	95%	99%	95%				Jun'17	Supply, civil works & erection under progress.
3.5.3	Extn. at 765/400KV Vadodara			NHVS	Available	Compltd	Compltd	Compltd				Jun'15	Commissioned in Jun'15.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant. / Act	
3.5.4	Extn. at 400KV Asoj			Alstom	Available	Compltd	Compltd	Compltd				Mar'14	Commissioned in Mar'14.
3.5.5	Extn. at 400KV Padghe S/S. (MSETCL)			Alstom	Available	60%	45%	10%				Jun'17	Engg., civil work , supply & erection under progress. MSETCL S/S at Kudus delayed due to termination of main contract and re-tendered. Critical
3.6	System Strengthening in Raipur - Wardha Corridor fo IPP Project in Chhattisgarh-Part-6		Jan'12								Jan'15 / Jun'16	Mar'17	
3.6.1	Extn. of 765KV Raipur Pooling station	-		TBEA	Available	97%	97%	95%				Mar'17	Supply, civil works & erection under progress. Matching with line.
3.6.2	Extn. of 765KV Wardha Sub station	-		TBEA	Available	97%	97%	96%				Mar'17	Supply, civil works & erection under progress. Matching with line.
3.7	Installation of Transformer & Procurement of Spare Converter Transformer at Bhadrawati HVDC B/B Stn.		Aug'13/ Mar'16					96%			Aug'15/ May'18	Sep'17	
3.7.1	Extn. at 400/220KV Bhadrawati HVDC B/B Station (1x315)	315			Available	Compltd	Compltd	Compltd	1	1		Mar'15	ICT commissioned in Mar'15.
3.7.2	Procurement of Spare Converter Tfrs - 234MVA, 1-Ph 3 Winding											Sep'17	Procurement under process.
3.8	Transmission System Associated with Mauda Stage-II (2x660MW) Gen. Proj.		Sep'13								May'16	Mar'17	
3.8.1	400/220KV Betul Sub station (GIS)	2x315		Alstom	Available	95%	95%	92%	2	2		Mar'17	Award placed in Dec'14. Engg., supply, civil work & erection under progress. Matching with line.
3.8.2	Extn. 400KV Indore & Khandwa S/stn.			KPTL	Available	Compltd	Compltd	99%				Mar'17	Indore bay commissioned in Dec'16. Balance work under progress. Matching with line.
3.9	Transmission System Associated with KAKRAPAR APP - 3&4		Feb'14								Oct'16	Apr'17	
3.9.1	Extn. at 400/220KV Navsari GIS S/stn.			Alstom	Available	95%	95%	90%				Apr'17	Supply, civil work & erection under progress.
3.9.2	Extn. at 400/220 KV Vapi S/stn.			KPTL	Available	Compltd	Compltd	Compltd				Apr'17	Completed in Dec'16.Commissioning matching with line
3.10	Installation of Bus Reactor & ICT in Western Region		May'14								July'16	Jun'17	Compln Sch. : 26 months from IA.
3.10.1	Extn. at 765/400KV Raigarh S/stn. (Tamnar) ICT (1500MVA) with bays	1500		Techno	Available	90%	90%	75%				Mar'17	Civil work, supply & erection under progress.
3.10.2	Extn. at 765/400KV Raipur PS. ICT (1500MVA) with bays	1500			Available	70%	65%	20%				Jun'17	Supply, civil work & erection under progress.
3.10.3	Extn. at 400/220KV Vadodara GIS. ICT (2x500MVA) with 02 nos. bays 04 nos. 220KV line bays	2x500		ABB	Available	80%	85%	45%				Jun'17	Supply, civil work & erection under progress. Down stream 220KV line (GETCO) not ready for commissioning. Matching with GETCO line.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविकAnt. / Act	
3.10.4	Extn. at 400/220KV Damoh S/stn.. ICT (500MVA) with bays	500		Techno	Available	Compltd	Compltd	Compltd	1	1		Nov'16	Commissioned in Nov'16.
3.10.5	Extn. at 400/220KV Rajgarh S/stn.. 63 MVAR Switchable line reactor			Techno	Available	Compltd	Compltd	Compltd				Oct'16	Commissioned in Oct'16.
3.10.6	Extn. at 400/220KV Bina S/stn.. 125 MVAR Bus Reactor			Alstom	Available	Compltd	Compltd	Compltd				Feb'16	Commissioned in Feb'16.
3.11	Transmission System Associated with LARA STPS - I Gen. Proj. NTPC		Jun'14								Apr'17	Apr'17	Compln Sch. : 34 months from IA.
3.11.1	Extn. at 400KV Raigarh (Kotra) S/Stn.			Alstom	Available	Compltd	Compltd	Compltd				Apr'16	Commissioned in Apr'16.
3.11.2	Extn. at 400KV Champa S/Stn.			Alstom	Available	85%	85%	75%				Apr'17	Award placed in Oct'14.Work under progress.
3.12	Sub station extn. for Transmission System associated with Vindhyaachal - V Project of NTPC (Part-A)		Feb'15								Jul'17	Sep'17	Compln. Sch. - 30 months from IA
3.12.1	Installation of 1x1500MVA, 765/400KV ICT at Vindhyaachal Pooling Station.	1500			Available	80%	75%	15%				Sep'17	Award placed in Aug'15. Engg., supply, civil works & erection under progress.
3.13	Transmission System Associated for Solapur STPP (2x660MW) Gen. Proj.		Mar'15								Mar'17	Mar'17	
3.13.1	Extn. at 400/220KV Sholapur S/stn.	-		Techno	Available	90%	85%	55%				Mar'17	Award placed in Jun'15. Engg., supply, civil work & erection under progress.
3.14	Installation of STATCOMs in Western Region		Mar'15								Sep'17	Dec'17	Compln. Sch. - 30 months from IA
3.14.1	Extn. at 400 Aurangabad S/stn.	-		Techno	Available	40%	40%					Sep'17	Award placed in Jun'15. Engg., supply & civil work under progress.
3.14.2	Extn. at 400 Gwalior S/stn.	-		Techno	Available	2%						Dec'17	Award placed in Sep'16. Engg. & civil work under progress.
3.14.3	Extn. at 400 Satna S/stn.	-		Techno	Available	45%	35%	1%				Sep'17	Award placed in Jun'15. Engg., supply, civil work & erection under progress.
3.14.4	Extn. at 400 Solapur S/stn.	-		Techno	Available	50%	40%	5%				Sep'17	Award placed in Jun'15. Engg., supply, civil work & erection under progress.
3.15	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - C		Jul'15								Jul'18	Jul'18	
3.15.1	765/400/220KV Bhuj Pool Sub station	2x1500 & 2x500		BHEL	Acquired	15%	5%					Jul'18	Award placed in Mar'16. Engg. supply & civil work under progress.
3.15.2	Extn at 765/400KV Banaskantha S/stn.			BHEL	Available							Jul'18	Award placed in Mar'16. Engg. in progress.
3.16	Transmission System for Ultra mega Solar Park in Rewa District, Madhya Pradesh .		Jan'16								Mar'17	Dec'17	Compln. Sch. - 14 months form IA
3.16.1	400/220KV Rewa Pooling Station	3x500		Alstom	Acquired	50%	30%	10%				Dec'17	Award placed in Feb'16. Engg., supply, civil work & erection under progress.
3.17	Transmission System Strengthening Associated with Mundra UMPP (Part-A)		Jan'16								Jul'18	Jul'18	Compln Sch. : 30 months from IA.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant. / Act	
3.17.1	Extn. at 400KV Bachau Sub Station			Techno	Available	40%	40%	5%				Jul'18	Award placed in Jan'16. Engg., supply, civil work & erection under progress.
3.18	Western Region Strengthening Scheme - XIV		Jan'16								Jul'18	Jul'18	Compln Sch. : 30 months from IA.
3.18.1	Extn. at 400/220KV Indore S/stn.	2x500		Techno	Available	40%	25%					Jul'18	Award placed in Jan'16. Engg., supply & civil work under progress.
3.18.2	Extn. at 400/220KV Itarsi S/stn.	1x500		Techno	Available	35%	25%					Jul'18	Award placed in Jan'16. Engg., supply & civil work under progress.
3.19	Western Region Strengthening Scheme - XV		Apr'16								Feb'18	Feb'18	Compln Sch. : 22 months from IA. (under TBCB)
3.19.1	Extn. at 765KV Solapur S/stn.	-		Techno	Available	10%	5%					Jan'18	Award placed in Apr'16. Engg., supply & civil work under progress.
3.19.2	Extn. at 400KV Parli Switching Station.	-		Techno	Available	10%	5%					Feb'18	Award placed in Apr'16. Engg., supply & civil work under progress.
3.20	POWERGRID work associated with Part-A of Trans. System for Gadawara STPS of NTPC.		Apr'16								May'17	May'17	Compln Sch. : 14 months from IA. (under TBCB)
3.20.1	Extn. at 765KV Jabalpur Pooling Station.	-		Techno	Available	85%	80%	15%				May'17	Award placed in Apr'16. Engg., supply, civil work & erection under progress.
3.21	Sub station extn. for Trans. System associated with Vindhychal-V project of NTPC (Part-B)		Apr'16								Jun'18	Jun'18	Compln Sch. : 27 months from IA. (under TBCB)
3.21.1	Extn. at 765KV Vindhychal Pooling Stn.	-		Techno	Available	15%	15%					Jun'18	Award placed in Apr'16. Engg., supply & civil work under progress.
3.21.2	Extn. at 765KV Jabalpur Pooling Station.	-		Techno	Available	20%	10%					Jun'18	Award placed in Apr'16. Engg., supply & civil work under progress.
3.22	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.
3.22.1	Extn. at 765/400 KV Vindhychal Pooling Station. (765KV Bay)	-		ABB	Available	2%						Nov'18	Award placed in Jul'16. Engg. & civil work under progress.
3.22.2	Extn. at 765/400 KV Vindhychal Pooling Station. (400KV Bays)	-		ABB	Available							Jan'19	Award placed in Jul'16. Engg. in progress.
3.22.3	Extn. at 400 KV Gwalior (GIS)	-		Hysoung / L&T	Available							May'18	Award placed in Jul'16. Engg. in progress.
3.22.4	Extn. at 765/400 KV Pune GIS (765KV Bay).	-		Hysoung / L&T	Available	5%	2%					Mar'19	Award placed in Jul'16. Engg., supply & civil work under progress.
3.22.5	Extn. at 765/400 KV Champa Pooling Station. (765KV Bays)	-		ABB	Available							Nov'18	Award placed in Jul'16. Engg. in progress.
3.22.6	Extn. at 765/400 KV Raigarh Pooling Stn. (765KV Bay).	-		ABB	Available	2%						Nov'18	Award placed in Jul'16. Engg. & civil work under progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant. / Act	
3.22.7	Extn. at 765/400 KV Dharamjaigarh Pooling Station. (765KV Bays)	-		ABB	Available							Nov'18	Award placed in Jul'16. Engg. in progress.
3.23	Transmission System Strengthening Associated with Mundra UMPP (Part-B)		Jul'16								Dec'18	Dec'18	Compln Sch. : 29 months from IA.
3.23.1	Extn. at 400KV Bhuj Pooling Station			Shyam Indus	Available	2%						Dec'18	Award placed in Sep'16. Engg. & civil work under progress.
3.23.2	Extn. at 400KV Mundra UMPP Sw. Yd.			Shyam Indus	Available							Dec'18	Award placed in Sep'16. Engg. in progress.
3.24	Western Region Strengthening Scheme - XVI		Jul'16								Jul'18	Jul'18	Compln Sch. : 24 months from IA.
3.24.1	Extn. at 400/220KV Parli Switching stn.	2x500		Shyam Indus	Available	2%						Jul'18	Award placed in Sep'16. Engg. & civil work under progress.
3.24.2	Extn. at 400KV Satna Sub Station.	1x500		Shyam Indus	Available	1%						Jul'18	Award placed in Sep'16. Engg. & civil work under progress.
3.24.1	Extn. at 400KV Maupsa Sub Station.	-		Shyam Indus	Available	2%						Jul'18	Award placed in Sep'16. Engg. & civil work under progress.
3.24.2	Extn. at 400KV Indore Sub Station.	-		Shyam Indus	Available	1%						Jul'18	Award placed in Sep'16. Engg. & civil work under progress.
3.25	Trans. System associated with DGEN TPS of Torrent Power Ltd.		Jul'16								May'18	May'18	Compln Sch. : May 2018 matching with TBCB lines.
3.25.1	Extn. at 765/400KV Vadodara Sub Stn. (Installation 125 MVAR BR)	-		L&T	Available							May'18	Award placed in Jul'16. Engg. in progress.
3.25.2	Extn. at 400KV Vadodara GIS Sub Stn.	-		L&T	Available							May'18	Award placed in Jul'16. Engg. in progress.
3.25.3	Extn. at 220KV Novsari (GIS) Sub Stn.	-		L&T	Available							May'18	Award placed in Jul'16. Engg. in progress.
3.26	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.
3.26.1	Extn. at 765/400KV Bilaspur Pooling Stn. (765KV bay & 240 MVAR 765KV Switchable line reactor)	-		ABB	Available							Mar'19	Award placed in Jul'16. Engg. in progress.
3.27	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.
3.27.1	Extn. at 765/400KV Raipur Pooling Stn. (765KV bay)	-		ABB	Available							Nov'18	Award placed in Jul'16. Engg. in progress.
4.0	SOUTHERN REGION												
4.1	Kundankulam - APP Transmission System		May'05/ Jan'15								Nov'08/ Dec'16	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.

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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	Jun'17	
4.2.1	400/220KV Yelahanka Sub station (GIS)	2x500		Siemens	Acquired	99%	99%	98%	2	2		Jun'17	Completion matching with line. Uncertain
4.3	Common System Associated with Costal Energen Private Ltd and Ind-Barath Power Ltd. (LTOA) Gen. Proj. in Tuticorin area Part - B..	-	Sep'11								Sep'14	Dec'17	
4.3.1	765/400KV Salem Pooling station (initially charged at 400KV)			EMC	Acquired	Compltd	Compltd	Compltd				Oct'16	Commissioned in Oct'16.
4.3.2	Extn. at 765/400KV Tuticorin Pooling Stn			EMC	Available	Compltd	Compltd	Compltd				Nov'16	Commissioned in Nov'16.
4.3.3	Extn. at 400/220 KV Madhugiri sub Stn			EMC	Available	85%	95%	70%				Dec'17	Completion matching with line.
4.3.4	Extn. at 400/220KV Salem Sub station			EMC	Available	Compltd	Compltd	Compltd				Oct'16	Commissioned in Oct'16.
4.4	System Strengthening - XIII of SR Grid		Oct'11/ Nov'15								Jun'14/ Mar'16	Dec'17	
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	Commissioned in Nov'15.
4.4.3	Extn. at 400/220KV Yelahanka GIS S/s.			Siemens	Available	80%	95%	90%				Dec'17	Completion matching with line.
4.5	System Strengthening in SR - XIV		Dec'11/ Feb'15								Aug'14/ Jun'15	Dec'17	
4.5.1	Aug. of Hosur Sub station	1x315		L&T	Available	Compltd	Compltd	Compltd	1	1		Feb'14	ICT commissioned in Feb'14.
4.5.2	Extn. at 400/220KV Somanahalli S/stn.			L&T	Available	98%	98%	98%				Dec'17	Work almost completed. Completion matching with line.
4.5.3	Extn. at 400/220KV Dharmapuri (Salem New) S/stn.			L&T	Available	99%	99%	98%				Dec'17	Work almost completed. Completion matching with line.
4.6	Sub station Extn. works associated with Trans. System Required for Evacuation of Power from Kudgi TPS (3x800 MW -Ph-I) of NTPC		Feb'14								Dec'15	Sep'16	PROJECT COMPLETED.
4.6.1	Extn. of 765/400KV Narendra (New) & Kudgi (GIS)	-		Hysoung	Available	Compltd	Compltd	Compltd				Dec'15	Commissioned in Dec'15.
4.6.2	Extn. of 400/220KV Madhugiri S/stn.	-		Mac Nally	Available	Compltd	Compltd	Compltd				Sep'16	Commissioned in Sep'16.
4.6.3	Extn. of 400/220KV KV Bidadi S/stn. (GIS)	-		Mac Nally	Available	Compltd	Compltd	Compltd				Sep'16	Commissioned in Sep'16.
4.7	System Strengthening in SR - XX	5870	Aug'14								Feb'17	Sep'17	Compln Sch. : 30 months from IA.

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4.7.1	Extn. at 400/220/33KV Hyderabad Sub station	500		Alstom	Available	85%	75%	70%	1			Mar'17	Supply, civil work & erection under progress.
4.7.2	Extn. at 400/220/33KV Warangal Sub station	500		Alstom	Available	82%	65%	20%				Sep'17	Supply, civil work & erection under progress.
4.7.3	Extn. at 400/220/33KV Khammam Sub station	500		Alstom	Available	70%	60%	30%				Sep'17	Supply, civil work & erection under progress.
4.7.4	Extn. at 400/220/33KV Vijayawada Sub station	500		Alstom	Available	62%	55%	30%				Mar'17	Supply, civil work & erection under progress.
4.7.5	Extn. at 400/220/33KV Gooty Sub station	500		Alstom	Available	77%	55%	45%				Sep'17	Supply, civil work & erection under progress.
4.7.6	Extn. at 400/220/33KV Cuddapa Sub station	500		Alstom	Available	68%	60%	50%				Sep'17	Supply, civil work & erection under progress.
4.7.7	Extn. at 400/220/33KV Malekuttaiyur S/stn.	500		Emco	Available	Compltd	Compltd	Compltd	1	1		Mar'16	Commissioned in Mar'16.
4.7.8	Extn. at 400/220/33KV Somanahalli S/stn.	500		Emco	Available	Compltd	Compltd	Compltd	1	1		Aug'16	Commissioned in Aug'16.
4.7.9	Extn. at 400/220/33KV Mysore S/stn.	500		Emco	Available	Compltd	Compltd	Compltd	1	1		Sep'16	Commissioned in Sep'16.
4.7.10	Extn. at 400/220/33KV Pugalur S/stn.	500		Emco	Available	60%	30%	30%				Mar'17	Supply, civil work & erection under progress.
4.7.11	Extn. at 400/220/33KV Trichy S/stn.	500		Emco	Available	60%	30%	30%				Mar'17	Supply, civil work & erection under progress.
4.7.12	Repl. Of existing 2x315 Tfr. To 2x500 MVA at 400/220KV Narendra S/stn.	370		Emco	Available	30%	15%	20%				Sep'17	Supply, civil work & erection under progress.
4.7.13	Extn. at 400/220KV at Trissur S/stn. (Conversion line reactors)	-		Emco	Available	95%	90%	90%				Feb'17	Supply, civil work & erection under progress.
4.8	Common Transmission Scheme Associated with ISGS Projects in Nagapattinam/ Cuddalore area of Tamil Nadu - Part-A1 (b)		Nov'14								May'17	May'17	Compln Sch. : 30 months from IA.
4.8.1	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.
4.8.2	Extn. at 02+01 nos bays at 400KV New Salam (Dharmapuri) (provision one 63 MVAR Line Ractor.)	-		Mac Nally	Available	Compltd	Compltd	Compltd				Oct'16	Commissioned in Oct'16.
4.8.3	Extn. at 01 non bay at 400KV Madhugiri S/stn.	-		Mac Nally	Available	60%	40%	30%				May'17	Completion matching with TBCB line.
4.9	Sub station works associated with System Strengthening in SR for Inport of Power from ER.		Nov'14								Nov'17	Apr'17	
4.9.1	765/400 KV Vemagiri Poolin Station (GIS)	2x1500		NHVS	Available	98%	95%	90%	1	1		Apr'17	Sub station commissioned alongwith ICT-I. Balance work under progress.
4.9.2	Extn at 02 nos bays each at 765KV Vemagiri Pooling Station & Srikakulam PS			NHVS	Available	Compltd	Compltd	Compltd				Jan'17	Commissioned in Jan'17.
4.9.3	Extn at 02 nos bays each at 400KV Khammam & Nagarjuneasagar S/stn.			Mac Nally	Available	Compltd	Compltd	Compltd				Dec'15	Commissioned in Dec'15 alongwith TBCB line.
4.10	System Strengthening in Southern Region - XXIII		Jan'15								Jul'17	Jul'17	Compln Sch. : 30 months from IA.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविकAnt. / Act	
4.10.1	Extn. at 400/220KV Madurai Sub station	500		CGL	Available	Compltd	Compltd	Compltd	1	1		Dec'16	Commissioned in Dec'16.
4.10.2	Extn. at 400/220KV Somanhalli S/stn. (Replacement of 7x167MVA ICT's at 2x500MVAR)			CGL	Available	70%	60%	40%				Jul'17	Award placed in Mar'15. Supply, civil work & erection under progress.
4.10.3	Extn. at 400KV bus Reactor at Gooty, Hassan, Khammam, Trivandrum, Nellore (existing), Narendra and Nagarjunsasar S/stn. (1x125 MVAR Bus Reactor)			CGL	Available	30%	40%	25%				Jul'17	Bus Reactor at Narendra & Hassan S/stn. commissioned in Dec'16. Trivandrum commissioned in Jan'17. Supply, civil work & erection under progress.
4.10.4	Extn. at 400KV bus Reactor at Yelahanka S/stn. (2x63 MVAR)											Jul'17	Scope deleted.
4.11	Sub station works associated with Hyderabad (Maheshwaram) Pooling Station		Mar'15								Mar'18	Mar'18	Compln Sch. : 36 months from IA.
4.11.1	765/400KV Hyderabad (Maheshwaram) Station (GIS) (with 02 nos. 240 MVAR, Bus Reactor)	2x1500			Acquired	65%	45%	40%				Mar'18	Award placed in May'15. Engg., supply, civil work & erection under progress.
4.12	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-A (Phase-I)		Mar'15								May'16	Jul'16	PROJECT COMPLETED.
4.12.1	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.
4.13	System Strengthening - XXIV in Southern Region		Jan'16								Jul'18	Jul'18	Compln Sch. : 30 months from IA.
4.13.1	765/400KV Cuddapah Sub station	2x1500				5%						Jul'18	Award placed in Feb'16.
4.13.2	Extn at 400KV Hindupur S/stn.											Jul'18	To be implementated by APTRANSCO.
4.14	Connectivity for Kudankulam 3&4 with Inter- state Transmission system		Jan'16								May'18	May'18	Compln Sch. : 28 months from IA.
4.14.1	Extn at 400KV Tuticorin Pooling Stn.			Techno	Available	60%	25%	25%				May'18	Award placed in May'16. Engg., supply, civil work & erection under progress.
4.15	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-B (Phase-II)	-	Jan'16								Jul'18	Jul'18	Compln Sch. : 16/30 months from IA.
4.15.1	Extn. at 400/220KV NP Kunta Sub Station			Techno	Available	8%	2%					Jul'18	Engg.. Supply & civil work under progress.
4.16	Removal of Constraints in 400KV Bays Extn. at 400KV Vemagiri S/stn.	-	Jan'16								Jul'18	Jul'18	Compln Sch. : 30 months from IA.
4.16.2	Extn. at 400KV Vemagiri S/stn. (PG)			Techno	Available							Jul'18	Award placed in May'16. Civil work commenced.
4.16.3	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.	-		Techno	Available	5%						Jul'18	Award placed in May'16. Engg. & civil work under progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant. / Act	
4.17	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) - Phase-I	-	Apr'16								Dec'18	Dec'18	Compln Sch. : 32 months from IA.
4.17.1	400KV Tumkur (Pavagada) Pooling Station	3x500		L&T	Acquired	20%	20%					Dec'18	Award placed in Apr'16. Engg., supply & civil work under progress.
4.17.2	Extn. at 400/220KV Hiriyur Sub station			L&T	Available							Dec'18	Award placed in Apr'16. Engg. under progress.
4.18	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-C (Phase-III)	-	Apr'16								Nov'17	Nov'17	Compln Sch. : 19 months from IA.
4.18.1	Extn. 400/220KV NP Kunta Sub Station	500		Techno	Available	10%						Nov'17	Award placed in May'16. Engg. & civil work under progress.
4.19	Provision of Line Bays for the Scheme - Connectivity Line for Maheshwaram (Hyderabad) 765/400KV PS.		Jul'16								Jan'18	Jan'18	Compln Sch. : 18 months from IA.
4.19.1	Extn. at 765/400KV Maheshwaram (PG) PS				Available	10%						Jan'18	Award placed in Sep'16. Engg. in progress.
4.19.2	Extn. at 400/220KV Nizamabad (PG) Station				Available	50%						Jan'18	Engg. & civil work under progress. Efforts being made to complete earlier.
4.20	System Strengthening in SR - XXI		Sep'16	U/a							Mar'19	Mar'19	Compln Sch. : 30 months from IA.
4.20.1	STATCOM in 400/220KV Hyderabad S/S.	-			Available							Mar'19	Award under progress.
4.20.2	STATCOM in 400/220KV Udumalpet S/S.	-			Available							Mar'19	Award under progress.
4.20.3	STATCOM in 400/220KV Trichy S/S.	-			Available							Mar'19	Award under progress.
4.21	Augmentation of Transformation Capacity in Southern Region		Oct'16								Apr'19	Apr'19	Compln Sch. : 30 months from IA.
4.21.1	Extn at 400/230KV Arasur Sub station	1x500		TBEA	Available							Apr'19	Award placed in Nov'16.
4.21.1	Extn at 400/230KV Karaikudi Sub station	1x500		TBEA	Available							Apr'19	Award placed in Nov'16.
4.21.1	Extn at 400/230KV Tirunelveli Sub station	1x500		TBEA	Available							Apr'19	Award placed in Nov'16.
4.21.1	Extn at 400/230KV Pondicherry Sub station	1x500		TBEA	Available							Apr'19	Award placed in Nov'16.
4.21.1	Extn at 400/220KV Kozhikode Sub station	1x500		TBEA	Available							Apr'19	Award placed in Nov'16.
4.22	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.
4.22.1	Extn at 765KV Vemagiri Pooling Station - II			Hyusong/ L&T	Available							Apr'19	Award placed in Oct'16. Engg. in progress.
4.22.2	Extn at 765KV Cuddapah Sub Station			Pinggao/ TATA	Available							Apr'19	Award placed in Oct'16. Engg. in progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविकAnt. / Act	
4.22.3	Extn at 400KV Madhugiri Sub Station			TBEA	Available							Apr'19	Award placed in Dec'16.
4.22.4	Extn at 400KV Sriakulam Sub Station			TBEA	Available							Apr'19	Award placed in Dec'16.
4.23	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka - Phase- II (Part-II)		Oct'16								Jan'19	Jan'19	Compln Sch. : 27 months from IA (ABD funded).
4.23.1	Extn at 400/220KV Tumkur (Pavagada) Pooling Station	2x500		BHEL	Available							Jan'19	Award placed in Dec'16.
4.23.2	Extn at 400/220KV Tumkur (Vasantnarsapur) Sub Station	1x500		BHEL	Available							Jan'19	Award placed in Dec'16.
4.23.1	Extn at 400/220KV Mysore Substation	-		BHEL	Available							Jan'19	Award placed in Dec'16.
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								Jan'15	Dec'17	Matching with line
5.1.1	400/220KV HVAC & 3000MW +/-800KV HVDC New Pooling Station in Alipurduar	2x315		ABB	Acquired	70%	66%	54%	1			Jun'17	Work under progress. Pole-III expected by Mar'17. Balance land for Earth Electrode station acquired.
5.1.2	Extn. of +/- 800KV HVDC at Agra with 3000MW.			ABB	Available	64%	51%	33%				Jun'17	Work under progress.
5.2	Transmission System for Transfer of Power from Generation Project in SIKKIM to NR/WR Part - A.		May'10								Jan'13	Oct'16	PROJECT COMPLETED.
5.2.1	400/220/33 KV Kishanganj Sub station (GIS)	2x500		Pinggao	Acquired	Compltd	Compltd	Compltd	2	2		Oct'16	Sub station commissioned alongwith ICT-I in Mar'16. ICT-II commissioned in Oct'16.
5.3	Eastern Region Strengthening Scheme - III		July'10								Nov'12	Dec'17	Compln. Sch. - 28 months from date of investment approval
5.3.1	400/220 KV Daltonganj	2x315		Alstom	Acquired	30%	73%	10%				Dec'17	Award placed in May'16 after re-tendering. Engg., supply, civil works & erection under progress. Due to delay in handing over land, M/s Alstom not agree to take up the work. Down stream network also not envisaged by JSEB.
5.3.2	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.
5.3.3	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.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविकAnt. / Act	
5.3.4	400/220 KV Chaibasa	2x315		EMC	Acquired	Compltd	Compltd	Compltd	2	2		Jan'15	Sub station commissioned alongwith ICT-I in Nov'14 & ICT-II commissioned in Jan'15.
5.3.5	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
5.3.6	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.
5.3.7	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.
5.3.8	Extn. at 400KV Sasaram S/stn.			GET	Available	90%	78%	50%				Dec'17	Award placed in Feb'11. Supply, civil works & erection under progress.
5.3.9	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.
5.4	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - A.	-	Oct'11								Nov'13	Jul'16	PROJECT COMPLETED.
5.4.1	400KV GIS Pooling Station (Jharkhand Pool) near Essar			Hysoung & L&T	Acquired	Compltd	Compltd	Compltd				Jul'16	Commissioned in Jul'16.
5.5	Split Bus Arrangement for avrious Sub Stations in Eastern Region	-	Mar'13/ Jan'16								Jun'14 / Mar'16	Apr'17	
5.5.1	Splitting arrangement with tie line breaker for 400KV Maithon & Durgapur S/stn.			BHEL	Available	100%	100%	100%				Jan'16	Extn. at Durgapur completed in Oct'15. Balance work completed in Jan'16.
5.5.2	Splitting arrangement with tie line breaker for 400KV Biharshariff Sub station			BHEL	Available	100%	100%	95%				Apr'17	Erection under progress. Works was on halt due to non-availability of S/D. Now shut-down planned in Feb'17.
5.6	Eastern Region Strengthening Scheme-V		Oct'13								Apr'16	Jun'17	
5.6.1	400/220KV Rajarhat S/Stn. (GIS)	2x500		Siemens	Acquired	90%	95%	85%	2	2		Jun'17	Work under completion. However, work standstill due to severe ROW problem in last one month. Land acquired in Feb'14.
5.6.2	Extn at 400KV Farakka S/stn.			Sterling & Willision	Available	80%	90%	80%				Mar'17	Supply, Civil works & erection under progress.
5.6.3	Extn at 400KV Gokarna S/stn.				Available	100%	100%	100%				Mar'17	Ready for commissioning. Matching with line.
5.7	Eastern Region Strengthening Scheme-IX		Feb'14								Feb'16	Jun'17	

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5.7.1	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	60%	60%	35%				Jun'17	IInd Reactor at Durgapur charged in Dec'16. Supply, Civil work & erection under progress. Completion delayed due to delay in manufacturing of Reactors by M/s BHEL. Now manu taken up & supply under progress.
5.7.2	ICT at 400/220KV at Muzaffarpur S/S.	500		Toshiba	Available	100%	100%	100%	1	1		Dec'15	Commissioned in Dec'15.
5.7.3	ICT at 220/132KV at Ara S/stn.	160		Toshiba	Available	100%	100%	100%	1	1		Dec'15	Commissioned in Dec'15.
5.7.4	Repl. 2 nos. ICT's, 500MVA to 315 MVA at 400/220KV Maithon S/stn.	370		Toshiba	Available	70%	50%	45%	1	1		Mar'17	ICT-I commissioned in Sep'16. Balance work under progress. ICT yet to be supplied.
5.7.5	Procur. 500MVA ICT at 765/400KV Gaya S/stn.			Alstom	Available							Apr'17	ICT expected to be dispatched by Apr'17.
5.8	Eastern Region Strengthening Scheme-XII	2100	May'14								Nov'16	Jun'17	
5.8.1	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.
5.8.2	Addition of 500MVA ICT at 400/220KV Baripada S/stn.	500		Alstom	Available	Compltd	Compltd	Compltd	1	1		Sep'16	Commissioned in Sep'16.
5.8.3	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
5.8.4	Repl. 2 nos. ICT's, 315MVA to 500MVA at 400/220KV Pusali S/stn.	370		Alstom	Available	72%	62%	52%	1	1		Mar'17	ICT- I commissioned in Mar'16. Balance woprk under progress.
5.8.5	Repl. 2 nos. ICT's, 315MVA to 500MVA at 400/220KV Patna S/stn.	370		Alstom	Available	62%	67%	52%	1	1		Mar'17	ICT-I commissioned in Sep'16. Balance work under progress.
5.8.6	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	95%	95%	70%	1	1		Mar'17	Awarded in Jun'14. Supply, civil work & erection under progress. ICT transported from Patna.
5.8.7	Shifting of 1x315MVA 400/220KV ICT from any suitable location (after replacement by 1x500MVA0 & install it at 400/220KV Farakka S/S. as 2nd ICT alongwith associated bays.	315		Alstom	Available	80%	65%	45%				Jun'17	Supply, civil work & erection under progress. Shifting of ICT from Pusali under progress. However, ICT held up at bridge near Farakka. Permission to cross bridge rfeused by MoST, W.B. ICT temperailly stored at Durgapur.

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5.8.8	Repl. 1 no. ICT's, 100MVA to160MVA at 220/132KV Siliguri S/stn.	60		Alstom	Available	Compltd	Compltd	Compltd	1	1		Jan'16	Commissioned in Jan'16.
5.8.9	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.
5.8.10	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.
5.8.11	Modification of 132KV Bus arrangement at 220/132 KV Siliguri & Purnea S/stn. with GIS bays.	-		Hysoung & L&T	Available	80%	75%	70%				Mar'17	Siliguri commissioned in Nov'16 & balance work under progress.
5.8.12	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.
5.9	Sub station extn. works associated with Eastern Region Strengthening Scheme -VII		Mar'15								Mar'17	Mar'17	Compln. Sch. - 24 months from date of investment approval
5.9.1	Extn at 400KV bays at 400/220KV Purulia PSPP Sw.Yd., Kharagpur, Chaibasa and 765/400KV Ranchi S/stn. (02 nos. each)				Available	80%	85%	65%				Mar'17	Extn. at Chaibasa S/stn. commissioned in May'16 (under TBCB route). Bays at Kharagpur commissioned. Purulia bay also to be executed by West Bengal on deposit work basis. Bay at Purulia to be constructed in New S/S at Purulia (WBSETCL) due to space constraint. Work under progress.
5.9.2	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.
5.10	Sub station extn. works associated with Eastern Region Strengthening Scheme-VI		Mar'15								Mar'17	Aug'16	PROJECT COMPLETED.
5.10.1	Extn. at 400KV Muzaffarpur S/stn.	-			Available	Compltd	Compltd	Compltd				Aug'16	Bays charged & commissioned in Aug'16. Associated TBCB line delayed.
5.11	Transmission System Associated with Darlipalli TPS		Jan'16								Jun'18	Jun'18	Compln. Sch. - 29 months from date of IA
5.11.1	Extn. at 765KV at Jharsaguda (Sundergarh) Pooling Station.			Techno	Available							Jun'18	Award placed in Oct'16. Engg. in progress. Efforts being made for early completion.
5.12	Eastern Region Strengthening Scheme-XV		Apr'16								Apr'18	Apr'18	Compln Sch. 24 months from IA.
5.12.1	Extn at 400/220KV at Farakka S/stn.				Available	5%						Apr'18	Award Placed in Aug'16. Engg. & civil work under progress.
5.12.2	Extn at 400/220KV at Sagardighi S/stn.				Available	5%						Apr'18	Award Placed in Aug'16. Engg. & civil work under progress.
5.12.3	Extn at 400/220KV at Jeerat S/stn.				Available	5%						Apr'18	Award Placed in Aug'16. Engg. & civil work under progress.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविकAnt. / Act	
5.12.4	Extn at 400KV at Baharampur S/stn.				Available							Apr'18	Award Placed in Aug'16. Engg. in progress.
5.12.5	Extn at 400KV at Subhashgram S/stn.				Available							Apr'18	Award Placed in Aug'16. Engg. in progress.
5.13	Powergrid Works associated with Common Trans. System for Phase-II Gen. Proj. in Odisha.		Apr'16								Apr'19	Apr'19	Compln Sch.- 36 months from IA. (02 nos 400KV bay under TBCB) - 16 months from IA.
5.13.1	Extn. at 765/400KV Jharsuguda S/stn. (Sundargarh) with split Bus Arrangement	2x1500			Available	5%						Apr'19	Award placed in Jun'16. Engg.& civil work under progress.
5.13.2	765/400KV Angul S/stn. with split Bus Arrangement												Scope delated
5.14	Associated Transmission System for NABINAGAR -II TPS.										Jun'19	Jun'19	Compln Sch.- 38 months from IA.
5.14.1	Extn. at 765/400KV at Gaya S/stn.	-		Siemens	Available							Dec'17	Award placed in Jan'17.
5.14.2	Extn. at 765/400KV at Patna S/stn.	-			Available							Jun'19	Award under progress.
5.15	Eastern Region Strengthening Scheme-XIV		May'16								Nov'18	Nov'18	Compln. Sch. - 30 months from date of investment approval
5.15.1	Extn. at 400/220KV Banka S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	5%						Nov'18	Award placed in Jun'16. Engg. under progress
5.15.2	Extn. at 400/220KV Bolangir S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	15%						Nov'18	Award placed in Jun'16. Engg. under progress
5.15.3	Extn. at 400/220KV Lakhisari S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	10%						Nov'18	Award placed in Jun'16. Engg. & civil work under progress
5.15.4	Extn. at 400/220KV Chaibasa S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	10%						Nov'18	Award placed in Jun'16. Engg. & civil work under progress
5.15.5	Extn. at 400/220KV Keonjhar S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	15%						Nov'18	Award placed in Jun'16. Engg. & civil work under progress
5.15.6	Extn. at 400/220KV Durgapur S/Stn. (Installation of 125 MVARBus Reactor)	-		GE	Available	5%						Nov'18	Award placed in Jun'16. Engg. & civil work under progress
5.15.7	Extn. at 400/220KV Baripada S/Stn. (Installation of 125 MVARBus Reactor)	-		Hyosung	Available	5%						Nov'18	Award placed in May'16. Engg. & civil work under progress
5.15.8	Modification of 132KV Bus arrangement incl. Switchgear to Double Main Scheme at 220/132 KV Birpara S/S	-		Hyosung	Available	5%						Nov'18	Award placed in May'16. Engg. & civil work under progress
5.16	Eastern Region Strengthening Scheme-XI		May'16								Nov'18	Nov'18	Compln. Sch. - 30 months from date of investment approval
5.16.1	STATCOM in Rourkela S/stn.	-		Siemens	Available	7%						Nov'18	Award placed in May'16. Engg. & civil work under progress
5.16.2	STATCOM in Ranchi (New) S/stn.	-		Siemens	Available	5%						Nov'18	Award placed in May'16. Engg. & civil work under progress
5.16.3	STATCOM in Kishanganj S/stn.	-		Siemens	Available							Nov'18	Award placed in May'16. Engg. under progress

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5.16.4	STATCOM in Jeypore S/stn.	-		Siemens	Available	7%						Nov'18	Award placed in May'16. Engg. & civil work under progress
5.17	Eastern Region Strengthening Scheme-XVII (Part-A)		Jul'17								Nov'17	Nov'17	Compln. Sch. - 16 months from date of investment approval
5.17.1	Extn. at 400/220KV Daltonganj S/stn. (2x160, 220/132/33KV, 3 Ph. (ICTs))	2x160		Siemens	Available	5%						Nov'17	Award placed in Jul'16. Engg. & civil work under progress.
6.0	NORTH EASTERN REGION												
6.1	Transmission System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)		Feb'10/ Jan'16								Dec'12 / Dec'16	Mar'13 to Feb'18	Completion Sch. - 34 months from Investment approval.
6.1.1	400/220KV Silchar S/Stn. (New)	2x200		ICSA	Available	99%	99%	99%	2	2		Sep'17	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	81%	70%	40%				Sep'17	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	92%	100%	92%	2	2		Sep'17	Works under progress. Completion matching with associated lines. Critical.
6.1.7	132/33 KV Tezu S/Stn.	7x5		Areva	Available	88%	100%	85%	2	2		Sep'17	
6.1.8	132/33 KV Namsai S/Stn.	7x5		Areva	Available	65%	100%	20%	2			Feb'18	
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 Sep'17	Except Melrit, Hailakandi all completed earlier.
6.2	North Eastern Region Strengthening Scheme - II (Part-A)		Nov'14								May'17	May'16	PROJECT COMPLETED.
6.2.1	2nd ICT at 400/220KV Balipara S/stn.	315		Toshiba	Available	Compltd	Compltd	Compltd	1	1		May'16	ICT commissioned in 25.05.16.
6.2.2	Repl. of 132/33KV 2x10 MVA to 2x50 MVA at Nirjuli S/stn.	80		Toshiba	Available	Compltd	Compltd	Compltd	2	2		Mar'16	ICT -I commissioned in Feb'16 & ICT-II in Mar'16.
6.3	North Eastern Region Strengthening Scheme - III		Sep-15								Dec'17	Dec'17	Completion Sch. - 27 months from IA.
6.3.1	2nd ICT at 400/220KV Bongaigaon S/s.	315		Alstom	Available	15%	10%					Dec'17	Engg., supply & civil work under progress..

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6.3.2	Repl. of 220/132KV 1x50 MVA to 1x160 MVA at Kopili S/stn.	110		Alstom	Available	10%	5%					Dec'17	Engg., supply & civil work under progress..
6.3.3	Repl. of 220/132KV 2x50 MVA to 2x160 MVA at Balipara S/stn.	220		Alstom	Available	5%						Dec'17	Engg. & civil work under progress..
6.3.4	Extn. of 220KV Salakati S/stn.			Alstom	Available	10%	5%					Dec'17	Engg., supply & civil work under progress..
6.4	North Eastern Region Strengthening Scheme - IV		May'16								May'18	May'18	Completion Sch. - 24 months from IA.
6.4.1	Dismantling/Removal of 4x105 MVA ICT at 400/220KV Misa S/stn. & addition of 2x500MVA ICT.	685		Sterling & Willsion/ ABB	Available	2%						May'18	GIS portion award in Jun'16 & AIS portion in Jul'16. Work under progress.
6.4.2	Extn at 400/220KV at Balipara & Bongaigaon (PG) (1x125MVAR Bus Reactor)	-		Sterling & Willsion	Available	2%						May'18	Engg. & civil work under progress..
6.4.3	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	10%						May'18	Efforts are being made to complete Silchar bay at Imphal early.
6.4.3	Extn at 400/132KV of Silchar Sub station (PG) including 125 MVAR Bus Reactor.	-		Sterling & Willsion/ ABB	Available	10%						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.
6.5	North Eastern Region Strengthening Scheme - VII		Jul'16								Jul'18	Jul'18	Completion Sch. - 24 months from IA.
6.5.1	Extn. at 132KV Imphal Sub station.			Sterling & Willsion	Available							Jul'18	Award placed in Jul'16. Engg. in progress.
6.5.2	3rd ICT at 400/132KV Silcher Sub station & (Spare ICT, 200MVA).	315 & 200		Sterling & Willsion	Available							Jul'18	Award placed in Jul'16. Engg. in progress.
6.5.3	Extn. at 400/220KV Mokokchung GIS & MVAR Bus Reactor at Mokokchung.	31.5		ABB / Sterling & Willsion	Available							Jul'18	Award placed in Jul'16. Engg. in progress.
6.5.4	Extn. at 220/132KV Kopli Sub station (Spare ICT, 160 MVA).	160		Sterling & Willsion	Available							Jul'18	Award placed in Jul'16. Engg. in progress.
6.5.5	Extn. at 132/33KV Nirjuli Sub station (Spare ICT, 50MVA).	50		Sterling & Willsion	Available							Jul'18	Award placed in Jul'16. Engg. in progress.
6.5.6	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.
6.5.7	Extn. at 400/220KV Bongaigaon Sub station (Spare Reactor, 80 & 630 MVAR).	-		Sterling & Willsion	Available							Jul'18	Award placed in Jul'16. Engg. in progress.

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TBCB Project - Sub station													
1	<u>Northern Region Strengthening Scheme - XXXI (Part-A)</u>										Jul'17	Jul'17	
	400/220KV Kala Amb Sub station (GIS)	7x105		Siemens	Acquired	89%	55%	25%	4			Jul'17	Sub station & FSC packages awarded & Civil work package award in Jan'16. Work under progress.
	40% Series Compensation on 400KV Karcham Wangtoo - Kala Amb (Q) D/C line at Kala Amba ends.			Siemens		39%	30%					Jul'17	Award placed. Work under progress.
2	<u>Transmission System Associated with Gadawada STPPS of NTPC (Part-A).</u>										Nov'17	Nov'17	
	765/400KV Warora Pooling Station	2x1500			Acquired	15%	5%					Nov'17	Award pland. Civil work under progress.
3	<u>Transmission System Associated with Gadawada STPPS of NTPC (Part-B).</u>										Jan'18	Jan'18	
	765/400KV Parli Sub station	2x1500			Acquired	9%	2%					Jan'18	Work under progress.
4	<u>Beyond Vemaqiri Transmission System</u>		Dec'15								Apr'19	Apr'19	
	765/400KV Chilakularipeta Sub station	7x500			Under acquisition							Apr'19	Award placed in Dec'16. Land under acquisition.
	400KV Satenapalli (Narasaraopeta) & Garividi (AP) Sub station				Acquired							Apr'19	Award placed in Dec'16.
	Other Consultancy Project												
	Leh Transmission System										Jan'17	Sep'17	
	220/66 KV Drass Sub station	4x16.67		KEC	Acquired.	80%	95%	50%				Sep'17	Work under progress.
	220/66 KV Kargil Sub station	7x16.67		KEC	Acquired.							Sep'17	Land handed over by DM in Dec'16.
	220/66 KV Khalsti Sub station	4x16.67		KEC	Acquired.	85%	75%	30%				Sep'17	Work under progress.
	220/66 KV Leh Sub station	7x16.67		KEC	Acquired.	95%	85%	35%				Sep'17	Work under progress.
5	System strengthening for WR. M/s by Sterlite		Mar'11										
	765/400 kV substation at Bhopal	2x1500										Jul'14	Substation commissioned on 07/2014
	765/400 kV substation at Dhule	2x1500										Nov'14	Substation Commissioned on 11/2014
6	Northern Region System Strengthening Scheme-NRSS-XXIX. M/s by Sterlite		Nov'14										
	400/220 kV S/s 3. GIS at Amargarh	630			Available	30%	50%	0%			Oct'18	Jul'17	
7	Creation of new 400 kV GIS substations in Gurgaon area and Palwal as a part of ISTS. M/s by Sterlite		Jul'16								Sep'19	Nov'17	
	400/220 kV GIS at Kadarpur (Gurgaon)	2x500											
	400/220 kV GIS at Sohna Road (Gurgaon)	2x500											
	400/220 kV GIS at Prithala(Palwal)	2x500											

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8	Eastern Region System Strengthening Scheme- VI. M/s by Essel		Dec'13										
	400/220 kV Darbhanga GIS with space for future extension	2x500			Available	90%	100%	85%			Jun'16	Feb'17	
	400/132 kV Motihari GIS with space for future extension	2x500			Available	77%	77%	40%			Jun'16	Feb'17	1. Due to Geotechnical surprise at Sub-station land, ground improvement was required to be done before start of construction work for safety of foundations. Accordingly, ground improvement was done and same has taken additional 04 -05 months' time.
9	Additional inter regional AC link for import into southern region i.e Warora-Warangal and Chilakaluripeta – Hyderabad – Kurnool 765 kV link . M/s by Essel		Jul'16								Nov'19		Presently detailed survey work is going on.
	765/400 kV Substation at Warangal	2x1500											
10	Additional system strengthening for Sipat STPS. M/s by Adani		Nov'15								Mar'19	Jul'18	Delay in approval of PGCIL & CSPTCL power line crossings.
	765 kV Bay at Sipat s/s										Nov'18	May'17	a) Completion of associated 765kV bays at Bilaspur to be matched with line schedule. b) Progress affected due to demonetization till 18th Jan'17.
11	Additional system strengthening for Chhattisgarh (B). M/s by Adani		Nov'15								Nov'18	Jul'18	
	765 kV Rajnandgaon switching station				Available	60%	64%				Nov'18	Nov'17	Progress affected due to demonetization till 18th Jan'17.
12	System strengthening for IPPs in Chhattisgarh and other generation projects in western region. M/s by Adani		Nov'15								Mar'19	May'18	
	400/220 kV Morena substation	2x315			Available	2%	2%	2%			May'18	Nov'17	Progress affected due to demonetization till 18th Jan'17.
	400 kV bays (2 nos.) at Vindhyachal STPP switchyard					0%	0%	0%			Jan'19	May'17	1. Permission to start construction work at NTPC Switchyard received on 29.09.2016. 2. Permission for Storage Area received on 05.09.2016. 3. Progress affected due to demonetization till 18th Jan'17.
	765 kV bays at Sasan UMPP					0%	0%	0%			Nov'18	May'17	a) Work permit from Sasan UMPP received on 02.06.2016. b) Progress affected due to demonetization till 18th Jan'17.

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						Civil works compln. (%)	Str. & Eqpt. Received (%)	Str. & Eqpt. Erection (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक Ant. / Act	
13	Transmission System for Patran 400kV S/S. M/s by Techno		Nov'13										
	400/220 kV Patran substation	2x500			Available	100%	100%	100%			May-16	Jun-16	Commissioned 06/16.
14	System strengthening in NR for import of power from North Karanpura and other projects outside NR and system strengthening in WR for import of power from North Karanpura and other projects outside Western Region and also for projects within Western Region. M/s by Reliance.		May'10								Nov'13		Matter with APTEL
	400/220 kV Substation at Gurgaon	2x315											Work is yet to start.
15	Talcher-II Augmentation System. M/s by Reliance		Apr'10										Matter with APTEL
	400/220 kV Behrampur substation	2x315									Oct-12		Work is yet to start.
16	Immediate evacuation for North Karanpura (3x660MW) generation project of NTPC + (ERSS-XXIX). M/s by North Karanpura Transco Ltd.												
	400/220 kV Dhanbad s/s	2x500				0%	0%	0%			May'19		
17	Connectivity system for Khargone TPP. M/s by Khargone												- Detailed Survey Completed. - EPC Contract awarded for Transmission line and Substation. - Land Acquisition is under process. - Online Proposal for Forest Clearance has been submitted on MoEF & cc Web portal
	765/400 kV Khandwa Pooling Station	2x1500											
18	Arunachal Pradesh. M/s Dinchang												Bidding process under progress
	400/220 kV Pooling station (GIS) at Dinchang	7X166											
	400/220 kV Pooling station at Rangia /Rowta in Upper Assam	2X500											
19	NER System Strengthening Scheme II. M/s by NER II Transmission Limited.												Bidding process under progress
	400/132 kV Surajmaninagar S/S	2x315											
	400/132 kV P.K. Bari S/S	2x315											

**MONTHLY PROGRESS REPORT OF INTER-REGIONAL/INTER-STATE TRANSMISSION SCHEMES (SUB-STATIONS)
AS ON 31/01/2017**

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 (%)	सप्लाई Supply (Nos)	इरेक्शन Erection	Schedule	प्रत्याशित/ वास्तविक/Ant. / Act	
20	765 kV System Strengthening Scheme in Eastern Region. ERSS-XVIII M/s. by Medinipur-Jeerat Transmission Limited												Bidding process under progress
	400 kV bays (2 nos.) at Haldia New (NIZ) (WBSETCL)												
	765/400 kV Medinipur S/S	2x1500											
	765/400 kV Jeerat (New) S/S	2x1500											
	400 kV bays (2 nos.) at Jeerat (WBSETCL)												
21	North Eastern Region Strengthening Scheme (NERSS-VI) M/s by Kohima-Mairani Transmission Limited												Bidding process under progress
	400/220 kV Kohima (New) S/S	2x500											