

Transmission - Details of Plan Provisions & Physical Targets for Annual Plan 2011-12 (Revised)

S.No.	Scheme	Category	Line Length (Ckt. km)	Capacity (in MVA)	Estimated Cost	Estimated Cost	Working Target / Dt. of Comm.	Rs. in lakhs		
								Annual Plan 2011-12 (Revised)		
								Provision	Physical Targets	
									Plan	Ckt Km.	MVA
I	765kV SCHEMES									
A	ON GOING SCHEMES									
	Composite Power Evacuation System {Chhabra Super Critical TPS (2x660MW) & Kalisindh TPS (2x600 MW)}									
1	765/400 kV GSS at Phagi(Jaipur South) alongwith 2 sets of 765kV, 3x80 MVAR (single phase) Line Reactors and 400kV, 1x125 MVAR Bus Reactor at Phagi (Jaipur South)	ES		2x1500	83285.06	83285.06	12th Plan	4700		
2	400/765 kV GSS at Anta(Baran) Pooling Station alongwith 2 sets of 765kV, 3x80 MVAR (single phase) Line Reactors.	ES		2x1500	50463.53	50463.53	12th Plan	3700		
3	765 kV, 1X S/C Anta- Phagi(Jaipur South) ckt - I	ES	220		68161.38	68161.38	2012-13	36000		
4	765 kV, 1 X S/C Phagi(Jaipur South)- Anta ckt -II	ES	220				2012-13			
	Evacuation system for Kawai Super Critical TPS (2x660MW)									
5	Additional 1x1500 MVA, 765/400 kV transformer (3rd transformer) at 765/400 kV pooling station Anta (Baran)	ES		1x1500	16161.12	16161.12	12th Plan	Incl in I.A-2		
	TOTAL (765kV)							44400	0	0
II	400kV SCHEMES									
A.	ON GOING SCHEMES									
	Normal Development Works									
1	400 kV S/C Jodhpur - Merta line (Second ckt.)	BPTS,LR	98		8332.12	8332.12	2011-12	100	98	
	Chhabra TPS Evacuation System (Stage-I) (Phase-I)									
2	400kV S/C Dahra - Bhilwara line with 400 kV GSS at Bhilwara (with 50 MVAR line reactor at Bhilwara)	ES	187	315	71682.46	19254.45	30.09.10	800		
3	400kV S/C Chhabra - Hindaun line with 400 kV GSS at Hindaun (with 50 MVAR line reactor at Hindaun)	ES	341	315		29557.01	7.7.10			
	STPS Evacuation System (Unit-6)									
4	400kV S/C STPS - Bikaner line with 400 kV S/S at Bikaner (with Switchable reactor)	ES	162	315	18371.43	18371.43	31.3.10	300		
	RAJ WEST LTPS Evacuation System (Phase-II)									
5	400 kV D/C Raj West - Jodhpur line and 400 kV line bays at Jodhpur with Reactor on each line	ES	417		40365.13	40365.13	31.3.10	650		
6	400 kV D/C Raj West - Barmer line with 400 kV bay at Barmer	ES	31		3308.11	3308.11	28.3.11			
	WIND POWER Evacuation in Jaisalmer/Barmer area (Phase -									
7	400 kV S/C Akal (Jaisalmer) - Jodhpur line (charged on 220 kV)	ES	245		20156.15	20156.15	2011-12	1550	245	
8	400 kV S/C Akal(Jaisalmer) - Barmer line (charged on 220 kV)	ES	143		12191.00	12191.00	7.10.10			
	WIND POWER Evacuation in Jaisalmer/Barmer area (Phase -									
9	400 kV GSS at Akal(Jaisalmer) with 1x50 MVAR line Reactor & 1x50 MVAR Bus Reactor	ES		2x315	10712.74	10712.74	14.08.10	300		

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									Plan	Ckt Km.
10	400 kV GSS at Barmer	ES		315	6093.23	6093.23	21.3.10	600		
11	1 No. 400 kV bay with line Reactor at 400 kV GSS Jodhpur	ES			1596.44	1596.44				
	Composite Evacuation System [Chhabra Super Critical TPS (2x660MW) and Kalisindh TPS (2x600 MW)]									
12	400/220 kV GSS at Ajmer	ES		2x315	12334.01	12334.01	2012-13	3000		
13	Terminal 400 kV Bays at existing 400 kV Substation at Heerapura	ES			996.09	996.09	2012-13			
14	400 kV D/C (Quad Moose) Kalisindh TPS -Anta(Baran) Pooling Station Line (For Kalisingdh TPS)	ES	200		18948.83	18948.83	2012-13	10000		
15	400 kV D/C (Quad Moose) Chhabra SCTPS - Anta(Baran) Pooling Station Line (For Chhabra TPS)	ES	200		24632.16	24632.16	2012-13	10500		
16	400 kV D/C (Twin Moose) Phagi (Jaipur 765 kV)-Ajmer Line	ES	210		11603.74	11603.74	2012-13	6000		
17	400 kV D/C Phagi (Jaipur) - Heerapura line	ES	80		3716.19	3716.19	2012-13			
	Power Evacuation of Banswara Super Critical TPS									
18	400/220 kV GSS at Jodhpur (New) alongwith 400kV, 1x80 MVAR Bus Reactor and 2x50MVAR Line Reactors at Jodhpur end of 400kV D/C Udaipur -Jodhpur (New) line.	ES	-	2x315	14790.96	14790.96	2013-14	500		
19	400/220 kV GSS at Chittorgarh alongwith 400kV, 1x80 MVAR Bus Reactor, and 2x50MVAR Line Reactors at Chittorgarh end of 400kV D/C Banswara TPS-Chittorgarh line.	ES	-	2x315	13834.05	13834.05	2012-13	3000		
20	Terminal 400 kV Bays at existing 400kV Substation Bhilwara	ES	-		2440.86	2440.86	2012-13			
	400kV Interconnecting Lines (Banswara Evacuation) :	ES								
21	400 kV D/C Banswara TPS- Udaipur (Quad Moose) Line	ES	320		30315.48	30315.48	12th Plan	100		
22	400 kV D/C Banswara TPS- Chittorgarh (Quad Moose) Line	ES	360		34104.37	34104.37	12th Plan			
23	400 kV D/C Chittorgarh-Bhilwara (Twin Moose) Line	ES	100		4644.14	4644.14	2012-13	1000		
24	400 kV D/C Bhilwara-Ajmer (Twin Moose) Line	ES	300		13923.6	13923.6	2013-14	200		
25	400 kV inter-connections at 400/220 kV GSS at Jodhpur(New) by LILO of nearby 400 kV S/C lines (20 kms, 2xD/C)	ES	80		3716.19	3716.19	2013-14	500		
	Power Evacuation Scheme of Suratgarh Super Critical TPS									
26	400/220 kV GSS at Babai (Jhunjhunu) alongwith 400kV, 1x80 MVAR Bus Reactor and 2x80MVAR Line Reactors at Babai end of 400kV D/C Suratgarh TPS-Babai (Jhunjhunu) line.	ES	-	2x315	14388.31	14388.31	2012-13	2500		
27	Terminal 400 kV Bays at existing 400 kV Substation Bikaner (with 400kV, 1x50 MVAR Shunt Line Reactor at Bikaner end of 400kV	ES	-		2760.19	2760.19	2013-14	800		
28	Terminal 400 kV Bay at existing 400 kV Substation Mertacity with 400kV, 1x50 MVAR Shunt Line Reactor at Merta end of 400kV	ES	-		1387.99	1387.99	2013-14			
	400kV Interconnecting Lines (Suratgarh Super Critical TPS		-							
29	400 kV D/C Suratgarh TPS- Babai (Jhunjhunu)(Quad Moose) Line	ES	480		43576.58	43576.58	2012-13	17000		
30	400 kV D/C Suratgarh TPS- Bikaner (Twin Moose) Line	ES	340		15779.49	15779.49	12th Plan	500		
31	400 kV S/C Bikaner- Merta (Twin Moose) Line	ES	200		11899.74	11899.74	2013-14			
	Evacuation system for Kawai Super Critical TPS (2x660MW)									
32	(i) 400 kV D/C (Quad Moose) Kawai SCTPS-765/400 kV Anta	ES	140		14944.75	14944.75	2012-13	2800		
	(ii) 3 nos. 400 kV bays at 765/400 kV Anta(Baran) Pooling Station	ES			Incl. in I.A.5	Incl. in I.A.5	12th Plan	Incl. in		

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									Plan	Ckt Km.
	Transmission System for New Solar and Wind Power Plants in Jaisalmer, Barmer & Jodhpur Districts									
33	400/220 kV, 3 X 315 MVA Pooling Sub-Station GSS at Ramgarh (Jaisalmer) alongwith 400kV, 1x125 MVAR, 400kV Shunt Reactor (Bus type) and 2x50 MVAR Shunt Reactor (line type) for 400kV	ES		3x315	29263.38	29263.38	2013-14	1200		
34	400/220 kV, 3 X 315 MVA Pooling Sub-Station GSS at Bhadla (Jodhpur) alongwith 400kV, 1x125 MVAR Shunt Reactor (Bus type) and 6x50 MVAR, 400kV Shunt Reactors (Line type) for Bhadla ends of 400kV D/C Bhadla-Bikaner line, 400kV LILO Jodhpur - Merta at Bhadla line and 400kV D/C Ramgarh - Bhadla	ES		3x315	34308.43	34308.43	2013-14	1200		
35	Augmentation of 400kV GSS Akal by installation of 400/220 kV, 1 X 315 MVA Transformer alongwith 400kV, 2x80 MVAR Shunt Reactor (line type) for 400kV Akal-Jodhpur (New) line.	ES		1x315	7794.45	7794.45	2013-14	100		
36	Augmentation of 400kV GSS Jodhpur (New)									
	(i) 2x80 MVAR, 400kV Shunt Reactor (line type) at 400kV GSS Jodhpur (New) for 400kV D/C Akal-Jodhpur(New) line	ES			4220.40	4220.40	2013-14	100		
	(ii) 400kV bays at Jodhpur (New) for LILO of both ckt. of 400kV D/C Raj West LTPS-Jodhpur line.	ES					2013-14			
37	Augmentation at 400kV GSS Barmer									
	(i) 1x125 MVAR, 400kV Shunt Reactor (Bus type) at 400kV GSS	ES			3177.51	3177.51	2013-14	100		
	(ii) 400kV bays for 400kV D/C Barmer-Bhinmal (PG) line	ES					2013-14			
38	Augmentation at 400kV GSS Bikaner									
	(i) 2x50 MVAR, 400kV Shunt Reactor (Line type) at 400kV GSS Bikaner for Bikaner end of 400kV D/C Bhadla-Bikaner line	ES			8082.30	8082.30	2013-14	100		
	(ii) 2x50 MVAR, 400kV Shunt Reactor (Line type) at at both ends of 400kV D/C Bikaner-Sikar (PGCIL) line (Twin Moose)	ES					2013-14			
	(iii) 400kV Bays for 400kV D/C Bhadla-Bikaner line and 400kV D/C Bikaner-Sikar (PGCIL) line at Bikaner end of the lines	ES					2013-14			
39	400kV Interconnecting Lines (New Solar and Wind Power Plants):									
	(i) 400 kV D/C Ramgarh(Jaisalmer)-Akal (Jaisalmer) line (Twin	ES	180		178547.18	8939.05	2013-14	5000		
	(ii) 400 kV D/C Ramgarh-Bhadla line (Twin Moose)	ES	360			17873.13	2013-14			
	(iii) 400 kV D/C Bhadla-Bikaner line (Quad Moose)	ES	360			42589.27	2013-14			
	(iv) 400 kV D/C line from 400/220kV Pooling Station Bhadla to LILO point at 400kV S/C Jodhpur-Merta line (Twin Moose)	ES	320			15887.78	2013-14			
	(v) 400 kV D/C Bikaner-Sikar (PGCIL) line (Twin Moose)	ES	420			20581.16	2013-14			
	(vi) 400 kV D/C Barmer-Bhinmal (PGCIL) line (Twin Moose)	ES	280			13902.43	2013-14			
	(vii) LILO of both circuits of 400kV D/C Raj West-Jodhpur line at 400kV GSS Jodhpur (New) (Twin Moose)	ES	40			1990.32	2013-14			
	(viii) 400kV D/C Akal-Jodhpur (New) line (Quad Moose)	ES	480			56784.04	2013-14			

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									Plan	Ckt Km.
B	NEW START 2011-12									
40	Inter- connect RVPN's 765/400 kV Anta GSS to PGCIL's 400/220 kV Kota GSS									
	(i) LILO of 2 nd circuit of 400 kV D/C Chhabra TPS-Dahra section at 765/400 kV Anta GSS (1km, D/C)	ES	2		4591.00	92.65	2013-14	500		
	(ii) 400kV bay equipments work at 765/400kV Anta GSS	ES				1811.54	2013-14			
	(iii) 400 kV S/C line extension from 765/400 kV Anta GSS to PGCIL's 400/220 kV Kota GSS (45km S/C)	ES	45			2686.80	2013-14			
	TOTAL (400kV)							71000	343	
	TARGET 400 kV (Spill over work)								343	
III	220kV SCHEMES									
A.	ON GOING WORKS									
	CHHABRA TPS Evacuation System (Stage-I, Phase-I)									
1	220kV S/C Chhabra TPS (400kV GSS RVUN) - Jhalawar (220kV)	ES	102		9193.56	2115.22	2011-12	200	102	
	RAJ WEST LTPS Evacuation System (Phase - I)									
2	220 kV S/C RajWest - Dhorimanna line (with one 220 kV bay at Dhorimanna end) (Turnkey)	ES	90		2318.68	2318.68	2011-12	700	90	
	Normal Development Works									
3	220 kV S/C Bhiwadi (400 kV PGCIL) - Neemrana line (Financed by NCRPB) (52km charged)	LC,LR	58		1270.80	1270.80	2011-12	50	6	
4	LILO of one ckt. of 220 kV D/C Bassi-Heerapura line at Indira Gandhi Nagar (Jagatpura) with 220 kV Hybrid GSS at Indira	LC	18	2x100	6377.93	6377.93	12.2.11	200		
5	220kV S/C line Dhorimanna - Sanchore with 220kV S/S at Sanchore (Jalore) for Narmada Canal Project (Line comm.2010-	LC	64	100	3096.65	3096.65	18.4.11	200		100
6	220 kV S/C Bhiwadi (PG) - Bhiwadi (RVPN) line	SS	10		215.69	215.69	-	50		
7	LILO of 220 kV Duni-Heerapura line to SEZ -I with 220 kV GSS SEZ-I at Mahindra's SEZ , Jaipur (Phase - I)	LC	18	100	2978.49	2978.49	1.4.10	50		
8	Jaipur City EHV network strengthening scheme-1									
(a)	220kV, 2x160 MVA capacity GIS Substation at Mansarovar (Jaipur) alongwith associated lines and allied works				13428.94	13428.94				
i.	220 kV GIS Substation at existing 132 kV Substation at	SS		2x160			2012-13	5000		
ii.	Up-gradation of existing 132 kV D/C Line to 220 kV D/C Lines Between 220 kV Sanganer to 220 kV Mansarovar (Proposed)	SS	14				2012-13			
iii.	2 Nos. 220 kV Terminal Bays at 220 kV Substation at Sanganer	SS					2012-13			
iv.	220 kV S/C Tapping Line on Tubular Pole/Narrow base Tower (1.5 Km), 220 kV D/C Composite Portion on Tubular Pole/ Narrow base Tower (2 Km) by conversion of existing 132 kV S/C Heerapura-Sanganer Line & 220 kV XLPE Cable S/C (2.5 Km) from Tapping	SS	9				2011-12		9	
v.	1 Nos. 220 kV Terminal Bays at 400 or 220 kV Substation at	SS					2012-13			
vi.	132 kV Terminal Bay at existing 132 kV Substation at Chambal	SS					2012-13			
(b)	220kV GIS Substation at Nallah Power House (Jaipur) alongwith associated lines and allied works									
i.	220 kV GIS substation at existing 132 kV Nallah Power House,	SS		2x160	8289.37	8289.37	2012-13	3200		

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									Plan	Ckt Km.
ii.	Up-gradation of existing 132 kV (S/C & D/C Sections) Line to 220 kV D/C Line Between 220 kV Heerapura to 220 kV Nallah Power	SS	10				2011-12		10	
iii.	2 Nos. 220 kV Terminal Bays at 400 kV Heerapura/ 220 kV Substation at Heerapura	SS					2011-12			
(c)	Up-gradation of existing 132 kV Line									
i.	Up-gradation of existing 132 kV D/C Line to 220 kV D/C Lines (to be charged on 132 kV for present) between 132 kV Kunda-Ki-	SS	14		789.51	789.51	2011-12	200	14	
9	LILO of 220 kV S/C Bassi-Phulera line with 220kV GSS at Bagru	LC,LR	9	100	3228.61	3228.61	15.05.10	50		
10	LILO of 220kV S/C Jodhpur- Balotra line with 220kV GSS at Boranada I/A (Jodhpur)	LC,LR	0.11	100	3202.98	3032.22	28.7.10	50		
11	LILO of 220 kV Debari - Banswara line for 220 kV Madri with 220 kV GSS at Madri (Udaipur)	LC,LR	33	2X100	3412.72	3412.72	2011-12	700	33	100
12	i) LILO of existing 220 kV S/C Badarpur - Alwar line at proposed 220 kV GSS MIA Alwar	LC,LR	5	100	3789.54	2889.63	8.2.11	800		
	ii) 220 kV S/C Mandawar -AlwarMIA line (Turnkey)	LC,LR	58			899.91	2011-12		58	
13	220 kV S/C Khushkhhera - Neemrana line (Turnkey)	SS	53		4000.54	1651.87	2011-12	800	53	
14	LILO of one ckt. of existing 220 kV D/C Bhiwadi - Alwar line at proposed 220 kV GSS Kishangarh Bas with 220 kV GSS at	LC,LR	5	100	2123.25	2123.25	2011-12	800	5	100
15	(i) LILO of 220 kV S/C Hissar - Khetri line with 220 kV GSS at Chirawa (Line-Turnkey)	LC,SS	38	100	5928.77	3116.54	27.11.10	800		
	(ii) 220 kV S/C Bhadra - Chirawa line (Turnkey)	SS	109			2812.23	2011-12		109	
16	LILO of 220 kV S/C Bikaner - Nagaur line at proposed 220 kV GSS Nokha with 220 kV GSS at Nokha (Bikaner)	LC,LR	6	100	3414.39	2463.16	18.10.10	150		
17	Interconnections for 400 kV GSS Deedwana (RVPN Scope)									
	(i) LILO of proposed 220 kV S/C Kuchamancity - Dhod line at proposed 400 kV GSS Deedwana	SS	80		1849.58	1849.58	2012-13	100		
18	Interconnections for 400 kV GSS Alwar (RVPN Scope)									
	(i) LILO of existing 220 kV S/C Dausa-Alwar line at proposed 400	SS	20		673.31	673.31	2012-13	100		
	(ii) LILO of 220 kV S/C Mandawar - Alwar (MIA) line at proposed 400 kV Alwar GSS	SS	20		673.31	673.31	2012-13			
19	220 kV Interconnections at PGCIL's 400/220 kV GSS at									
	(i) 220 kV S/C line from PGCIL's 400/220 kV Bhinmal GSS to RVPN's 220 kV GSS Bhinmal.	SS	14			407.00	2011-12	100	14	
20	220 kV D/C line to connect the LILO of 220 kV S/C Heerapura-Khetri line(second ckt.) to LILO of one ckt. of 220 kV D/C	SS	125		2004.65	2004.65	2011-12	900	125	
	Composite Power Evacuation System [Chhabra Super Critical TPS (2x660MW) and Kalisindh TPS (2x600 MW)]									
21	LILO 220kV Ajmer-Beawer Line at 400kV Ajmer GSS	ES	20		408.5	408.5	2012-13	200		
22	LILO 220kV Ajmer-Kishangarh Line at 400kV Ajmer GSS	ES	20		408.5	408.5	2012-13			
23	220kV D/C Kalisindh-Jhalawar Line	ES	20		653.92	653.92	2012-13	200		

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	Power Evacuation System of Banswara Super Critical TPS									
	220kV Interconnecting Lines :									
24	220 kV Interconnections at 400/220 kV GSS Udaipur	ES	50		2043.68	2043.68	2013-14	300		
25	220 kV Interconnections at 400/220 kV GSS Chittorgarh	ES	50		2043.68	2043.68	2012-13			
26	220 kV Interconnections at 400/220 kV GSS Jodhpur (New)	ES	50		2043.68	2043.68	2013-14			
27	220 kV D/C Banswara TPS- Banswara (220 kV GSS) Line	ES	20		409.62	409.62	12th plan			
	Power Evacuation System of Suratgarh Super Critical TPS									
	220kV Interconnecting Lines :									
28	220 kV Interconnections at 400/ 220 kV GSS Babai(Jhunjhunu)	ES	50		2044.79	2044.79	2012-13	400		
29	220 kV Terminal Bays at varios 400/220 kV Substations (6 No.)	ES			1078.12	1078.12	2012-13			
30	220 kV Interconnections at 400/ 220 kV GSS at Jaipur (North)	ES	60		2453.3	2453.3	2013-14			
	Power Evacuation System of Ramgarh GTPS (Stage-III) :									
31	220/132kV GSS at Dechu (New location)	ES		2x100	15861.70	4307.69	2011-12	4800		100
32	220 kV D/C Ramgarh GTPP-Dechu line	ES	420			8655.07	2011-12		420	
33	220kV S/C Dechu -Tinwari line (12kM D/C at Tinwari end and 3kM D/C at Dechu end)	ES	71			1931.89	2011-12		71	
34	220kV D/C Dechu -Phalodi line	ES	71			967.05	2011-12		71	
35	JAIPUR CITY EHV NETWORK STRENGTHENING SCHEME-	SS,LC								
(a.)	220 kV GSS at Sitapura (New) and associated lines.	SS,LC						500		
	(i) 220 kV Substation at Sitapura (Jaipur)			160	6864.33	2769.07	2012-13			
	(ii) Up-gradation of existing 132 kV S/C Line to 220 kV D/C Lines Between 220 kV Sanganer to 220 kV Sitapura (Proposed))	SS	16			704.72	2012-13			
	(iii) 1 No. 220 kV Terminal Bays at 220 kV Substation at Sanganer	SS				118.37	2012-13			
	(iv) Up-gradation of existing 132 kV S/C Line to 220 kV D/C Lines Between 220 kV Indira Gandhi Nagar to 132 kV Sitapura	SS	18			741.72	2012-13			
	(v) 2 Nos. 132kV Terminal Bays at 132 kV S/S Sitapura.	SS				123.50	2012-13			
	(vi) 220 kV D/C Interconnection between 220 kV Sitapura (Proposed) and 132 kV Sitapura (Existing) [Charged on 132 kV]	SS	1			85.73	2012-13			
	(vii) Up-gradation of existing 132 kV S/C Line Sanganer-Chaksu Line to 220 kV D/C Line [for future connectivity to 400 kV Jaipur South (PG) (approx. 34kM)] 20 kM line on 220 kV D/C narrow base towers and balance 14 kM on 220 kV D/C conventional	SS	68			2321.22	2012-13			
(b.)	220 kV GSS at Kunda Ki Dhani (up-gradation) and associated	SS,LC								
	(i) 220 kV substation at Kunda ki Dhani at existing 132 kV Kunda Ki Dhani, Jaipur	SS		160	5074.01	3126.45	2011-12	1500		160
	(ii) LILO 220 kV D/C Bassi (PG)-Kukas Line at KKD	SS	8			353.48	2011-12		8	
	(iii) Up-gradation of existing 132 kV S/C Line to 220 kV D/C Lines Between 132 kV Purana Ghat to 132 kV Bassi (Charged on	SS	40			1594.08	2012-13			
(c.)	220 kV S/C XLPE Cable System from 400 kV Heerapura to 220 kV Nala Power House	SS	10		8554.36	8554.36	2011-12	4500	10	

S.No.	Scheme	Category	Line Length (Ckt. km)	Capacity (in MVA)	Estimated Cost	Estimated Cost	Working Target / Dt. of Comm.	Annual Plan 2011-12 (Revised)		
								Provision	Physical Targets	
									Plan	Ckt Km.	MVA
36	JODHPUR CITY EHV NETWORK STRENGTHENING	SS,LC								
(a.)	(i) 220 kV GSS at Barli (Distt. Jodhpur)	SS		2x100	5200.57	5098.42	2011-12	2000		100
	(ii) LILO of 220kV Jodhpur (400kV GSS)-Jodhpur (220kV GSS) interconnector-II at Barli	SS	6			102.15	2011-12		6	
(b.)	(i) 220 kV GSS at Jhalamand (Distt. Jodhpur)	SS,LC		2x100	4387.16	4351.64	2011-12	1500		100
	(ii) LILO of 220kV Jodhpur (400kV GSS)-Jodhpur (220kV GSS) interconnector-I at Jhalamand	SS	2			35.52	2011-12		2	
(c.)	(i) 220 kV GSS at Karwad/Bhawad (Distt. Jodhpur)	SS,LC		2x100	7422.28	4887.92	2011-12	2800		100
	(ii) 220kV D/C Jodhpur (400kV GSS)-Karwad/Bhawad-	SS	152			2534.36	2011-12		152	
(d.)	(i) 220 GSS at Bhadwasia (Distt. Jodhpur)	SS,LC		2x100	5239.67	4324.37	2012-13	700		
	(ii) 220kV D/C Jodhpur (400kV GSS)-Bhadwasia line (on Narrow base towers with one ckt. on 220kV & other on 132kV)	SS	22			915.3	2012-13			
(e.)	Strengthening scheme of existing 132kV Chopasani Housing Board	SS					2012-13	200		
	(i) Upgradation of existing 132 kV S/C Jodhpur-CHB-Soorsagar Line to 220 kV D/C Narrowbase Towers (to be charged on 132 kV)	SS	24		969.47	969.47	2012-13			
37	(i) 220 kV GSS at Bundi (New location) (Distt. Bundi)	SS,LC		1x100,	3601.24	3143.42	2011-12	1800		100
	(ii) LILO of one ckt of 220kV D/C KTPS- Beawar at proposed 220 kV GSS Bundi	SS	12			202.11	2011-12		12	
38	(i) 220 kV GSS at Gajner (New location) (Distt. Bikaner)	SS,LC		1x100	5512.08	3430.74	2011-12	2500		100
	(ii) 220 kV D/C Bikaner (400kV GSS)-Gajner line	SS	116			1668.10	2011-12		116	
39	(i) 220 kV GSS at Manoharpur (Upgradation) (Distt. Jaipur)	SS,LC		1x100	5310.49	2758.31	2011-12	2200		100
	(ii) 220 kV D/C Kotputli-Manoharpur line	SS	120			2001.28	2011-12		120	
40	(i) 220 GSS at Padampur (Upgradation) (Distt. Sri Ganganager)	SS,LC		1x100	5658.46	2535.60	2011-12	2500		100
	(ii) 220 kV S/C Suratgarh-Padampur line.	SS	55			1096.24	2011-12		55	
	(iii) 220 kV S/C Padampur-Udyogvihar line	SS	43			797.87	2011-12		43	
	(iv) 220 kV S/C Udyogvihar-Hanumangarh line	SS	60			1228.75	2011-12		60	
41	(i) 220 GSS at Sawa (Upgradation) (Distt. Chittorgarh).	SS,LC		1x100	2373.62	2338.10	28.3.11	200		
	(ii) LILO of existing 220 kV S/C Chittorgarh-Nimbahera line at proposed 220 kV GSS Sawa.	SS	5			35.52	5.1.11			
42	(i) 220 GSS at Gangapurcity (New location) (Distt. Sawai)	SS,LC		1x100	6116.11	3610.37	2011-12	2200		100
	(ii) 220 kV D/C Hindaun (400 kV GSS) - Gangapurcity line	SS	100			1668.10	2011-12		100	
43	(i) 220 GSS at Kuchera (New location) (Distt. Nagaur)	SS,LC		1x100	3630.91	3145.95	2012-13	700		
	(ii) LILO of 220 kV Nagaur - Merta line at proposed 220 kV GSS	SS	24			400.56	2012-13			
44	(i) 220 GSS at Aspur (New location) (Distt. Dungarpur)	SS,LC		1x100	4712.12	3374.78	2011-12	2000		100
	(ii) Stringing of IInd circuit of 220kV D/C Banswara-Debari line from Debari to Salumber	SS	77			755.30	2011-12		77	

S.No.	Scheme	Category	Line Length (Ckt. km)	Capacity (in MVA)	Estimated Cost	Estimated Cost	Working Target / Dt. of Comm.	Annual Plan 2011-12 (Revised)		
								Provision	Physical Targets	
									Plan	Ckt Km.	MVA
	(iii) LILO of IInd circuit of 220kV D/C Banswara-Debari line at proposed 220 kV GSS at Aspur	SS	2			168.80	2011-12		2	
	Transmission System for New Solar and Wind Power Plants in Jaisalmer, Barmer & Jodhpur Districts	ES								
45	220/132kV, Transformer at Pooling Sub-Station GSS at Ramgarh (Jaisalmer)	ES		3x160	Incl. in 400kV scheme	Incl. in 400kV scheme	2013-14	Incl. in 400kV		
46	220/132kV, Transformer at Pooling Sub-Station GSS at Bhadla (Jodhpur)	ES		3x160	Incl. in 400kV scheme	Incl. in 400kV scheme	2013-14	Incl. in 400kV		
47	(i) 220/132kV GSS at Bap (Distt. Jodhpur)	ES		2x160	10977.17	6583.53	2011-12	2800		160
	(ii) LILO of 220kV Barsingsar LTPS-Phalodi line at at Bap	ES	50			955.14	2011-12		50	
	(iii) 220kV D/C Bap-Bhadla line	ES	180			3438.51	2012-13			
48	(i) 220/132kV GSS at Kanasar (Distt. Jodhpur)	ES		2x160	7914.83	6450.30	2012-13	500		
	(ii) 220kV D/C Bhadla - Kanasar line	ES	50			955.14	2012-13			
	Normal Development Works									
49	(i) 220/132kV GSS at Mandalgarh(New) (Distt. Bhilwara)	LR,SS		1x100	3730.62	3105.93	2012-13	500		
	(ii) LILO of 220kV Kota (PG) -Bhilwara line at proposed 220 kV GSS Mandalgarh	LR,SS	36			601.93	2012-13			
50	(i) 220/132kV GSS at Chonkarwada (Distt. Bharatpur)	LR,SS		100	6170.85	3697.31	2012-13	500		
	(ii) 220 kV D/C Hindaun (400kV GSS)-Chonkarwada line	LR,SS	110			1886.79	2012-13			
	(iii) LILO of 220kV S/C Mandawar-Nadbai-Bharatpur line at	LR,SS	6			105.00	2012-13			
51	(i) 220/132kV GSS at Nadbai (Upgradation) (Distt. Bhartpur)	LR,SS		1x100	2309.60	2107.49	2011-12	1200		100
	(ii) LILO of existing 220kV S/C Mandawar-Bharatpur line at	LR,SS	12			202.11	2011-12		12	
52	(i) 220/132kV GSS at Tehandesar (Upgradation) (Distt. Churu)	LR,SS		1x100	3243.49	2246.70	2011-12	1500		100
	(ii) 220 kV S/C Sujangarh-Tehandesar line.	LR,SS	50			996.79	2011-12		50	
53	(i) 220/132kV GSS at Badnu (Upgradation) (Distt. Bikaner)	LR,SS		1x100	4107.82	2388.21	2012-13	500		
	(ii) LILO of existing 220 kV Ratangarh(400kV)-Bikaner(220kV) line at proposed 220 kV GSS Badnu.	LR,SS	60			1001.74	2012-13			
	(iii) 220kV S/C Tehandesar (Proposed)-Badnu line	LR,SS	40			797.87	2012-13			
54	(i) 220/132kV, 1x100 MVA GSS at Sikrai (Upgradation) (Distt.	LR,SS		1x100	2311.80	1976.41	2012-13	600		
	(ii) LILO of 220kV S/C Hindaun-Dausa line at proposed 220kV	LR,SS	20			335.39	2012-13			
	B 220kV New start schemes 2011-12									
55	(i) 220/132kV GSS at Baithwasia (Distt. Jodhpur)	LR,SS		100	5709.75	3654.89	2012-13	500		
	(ii) 220kV D/C Bhawad-Baithwasia line	LR,SS	80			1372.81	2012-13			
56	(i) 220/132kV GSS at Behror (Distt. Alwar)	LR,SS		100	4220.83	3377.74	2011-12	1800		100
	(ii) LILO of one circuit of 220 kV D/C Neemrana-Kotputli line at proposed 220kV GSS Behror	LR,SS	20			344.85	2011-12		20	
57	(i) 220/132kV GSS at Bansur (Distt. Alwar)	LR,SS		100	3584.16	3041.24	2012-13	500		
	(ii) LILO of 220 kV S/C Alwar-Kotputli line at proposed 220 kV	LR,SS	4			70.73	2012-13			

S.No.	Scheme	Category	Line Length (Ckt. km)	Capacity (in MVA)	Estimated Cost	Estimated Cost	Working Target / Dt. of Comm.	Annual Plan 2011-12 (Revised)		
								Provision	Physical Targets	
									Plan	Ckt Km.	MVA
58	220 kV interconnections at 400/220 kV GSS at Neemrana(PG)	LR,SS								
	(i) LILO of one circuit of 220 kV 2xS/C Khushkhera(220 kV GSS)-Neemrana(220 kV GSS) line at PGCIL's 400/220 kV	LR,SS	10		1157.88	212.09	2011-12	200	10	
	(ii) 220 kV D/C line from PGCIL's 400/220 kV Neemrana (PG) to Behror(proposed 220 kV GSS)	LR,SS	40			945.79	2011-12	700	40	
59	220 kV interconnections at 400/220 kV GSS at Kotputli (PG)	LR,SS								
	(i) LILO of one circuit of approved 220 kV D/C Kotputli-Manoharpur line at PGCIL's 400/220 kV Kotputli(PG)	LR,SS	12		1192.14	246.35	2011-12	200	12	
	(ii) 220 kV D/C line from PGCIL's 400/220 kV Kotputli(PG) to	LR,SS	40			945.79	2011-12	700	40	
60	(i) 220/132kV GSS at Amberi (Distt. Udaipur)	LR,SS		1X100	4391.47	4391.47	2012-13	500		
	(ii) LILO of 220 kV S/C Kankroli(PG)-Debari line at 220 kV GSS	LR,SS	30				2012-13			
61	(i) 220/132kV GSS at Danta Ramgarh (Distt. Sikar)	LR,SS		100	3649.94	2199.65	2012-13	500		
	(ii) 2 Nos bay at 220kV GSS Renwal	LR,SS				90.58	2012-13			
	(iii) 2 Nos bay at 220kV GSS Dhod	LR,SS				90.58	2012-13			
	(iv) 220 kV S/C Renwal-Danta Ramgarh line	LR,SS	28			564.06	2012-13			
	(v) 220 kV S/C Dhod -Danta Ramgarh line	LR,SS	35			705.07	2012-13			
62	(i) 220/132kV GSS at Hamirgarh (Distt. Bhilwara)	LR,SS		100	2678.57	2335.92	2012-13	200		
	(ii) LILO of 220 kV S/C Bhilwara-Chittorgarh line at 220 kV GSS	LR,SS	20			342.65	2012-13			
63	(i) 220/132kV GSS at Lalsot (Distt. Dausa) with 1 No bay at 132kV GSS Toonga & 2 Nos bay at 220kV GSS Bhadoti	LR,SS		100	3752.55	2430.96	2012-13	500		
	(ii) LILO of 220 kV S/C Dausa-Anta line at 220 kV GSS Lalsot	LR,SS	20			342.65	2012-13			
	Jaipur city EHV Network Strengthening Schem-II (Revised)	LR,SS								
64	(i) 220/132kV GSS at Lakhesara (Distt. Jaipur)	LR,SS		160	6831.37	5329.71	2012-13	500		
	(ii) 220 kV D/C Lakhesara-Indira Gandhi Nagar line	LR,SS	12			205.59	2012-13			
	(iii) LILO of both circuits of 220kV D/C Bassi-Kukas line at 220kV Lakhesara GSS	LR,SS	40			685.30	2012-13			
	(iv) Up-gradation of existing 132 kV D/C Line to 220 kV D/C Line between 132 kV Purana Ghat to 132 kV Jawahar Nagar	LR,SS	14			602.54	2012-13			
	Power Evacuation System for Proposed Wind Project in Banswara and Pratapgarh area.									
65	(i) 220kV Switching Station at Banswara	ES			3100.43	2575.74	2012-13	300		
	(ii) 2 Nos bays at 220kV GSS Banswara	ES				181.16	2012-13			
	(iii) 220 kV D/C line between 220 kV Switching Station at Banswara & 220 kV GSS Banswara	ES	20			343.53	2012-13			
	(iv) Termination of approved 220 kV D/C Banswara SCTPS-Banswara (220 kV GSS) line at 220 kV Switching Station	ES	-			-	2012-13			
66	(i) 220/132kV GSS at Pratapgarh (Up-gradation) with 2 Nos bays at 220kV GSS Chittorgarh & 2 Nos bays at 220kV GSS	LR,SS		100	9145.59	2635.20	2012-13	300		
	(ii) 220 kV D/C Banswara(switching station)-Pratapgarh line	LR,SS	140			2398.56	2012-13			
	(iii) 220 kV D/C Pratapgarh-Chittorgarh (400 kV GSS) line with one circuit via 220 kV GSS Nimbahera	LR,SS	240			4111.82	2012-13			

S.No.	Scheme	Category	Line Length (Ckt. km)	Capacity (in MVA)	Estimated Cost	Estimated Cost	Working Target / Dt. of Comm.	Annual Plan 2011-12 (Revised)		
								Provision	Physical Targets	
									Plan	Ckt Km.	MVA
67	Jaipur City EHV Network Strengthening Scheme-IV (Phase-I)									
(a)	(i) 220 kV GIS Substation at Chambal (Jaipur)	LR,SS		2X160	23422.40	10859.74	2012-13	2500		
	(ii) 2 Nos. 220 kV Terminal Bays at 400/ 220 kV Substation at	LR,SS				231.51	2012-13			
	(iii) 1 No. 220 kV Terminal GIS Bay at 220 kV Substation at	LR,SS				471.44	2012-13			
	(iv) 220 kV D/C Cable System between 400 kV Heerapura and	LR,SS	14			8681.82	2012-13			
	(v) 220 kV S/C Cable System between 220 kV Mansarovar and	LR,SS	5			3177.88	2012-13			
(b)	(i) 220/132kV,1x160MVA &220/33kV ,1X50MVA GIS Substation at PWD Bungalow (Jaipur)	LR,SS		1x160 1x50	17834.75	4795.95	2012-13			
	(ii) 1 No. 220 kV Terminal Bay at 220 kV Substation at VKIA	LR,SS				114.22	2012-13			
	(iii) 220 kV S/C Cable System between 220 kV Chambal and 220 kV PWD Bungalow	LR,SS	6			3761.12	2012-13			
	(iv) 220 kV S/C Cable System between 220 kV VKIA and 220 kV PWD Bungalow	LR,SS	15			9163.47	2012-13			
C	New 400 kV & 220 kV Schemes (to be identified)							1000		
D	220 kV Bus Bar Protection Scheme							400		
E	Carried Over Liabilities (Civil works & Bal.Elect. Works - 220kV & 400kV)of Sub Stations & Lines Commissioned in last 3 years							700		
	III. TOTAL (220kV)							69000	2187	1920
	TARGET 220 kV - WORKING								2187	1920 / 18
	- ACHIEVABLE								600	1000/10
IV	132kV SCHEMES									
A.	Carried Over Liabilities (Civil works & Bal.Elect. Works - 132kV) of Sub Stations & Lines Commissioned in last 3 years only							700		
B.	ON GOING SCHEMES									
	Normal Development Schemes									
1	132kV GIS Substation at PWD Bungalow, Station Road, Jaipur				11682.70					
	(i) underground cable from 132kV GSS Nallah Power House -	LC,LR	8			11682.70	2011-12	800	8	
	(ii) 132/33kV conventional type transformer with 132kV & 33kV Gas Insulated Modules & 2 Nos 132kV extension bays at 132kV	LC,LR		2x50			2011-12			50
2	Jaipur City EHV network strengthening scheme-1									
	(i) Up-grading and Up-rating of existing 132 kV S/C Line to 132 kV D/C on Tubular Poles between existing 132 kV GSS Mansarovar and 132 kV GSS Chambal and associated terminal bays and strengthening (allied work for GIS Mansarovar)	SS	6		incl. in 220kV scheme	incl. in 220kV scheme	2012-13	incl. in 220kV scheme		
	(ii) Up-rating & Refurbishment of 132 kV S/C Line between existing 220 kV Heerapura to 132 kV Chambal and associated strengthening of terminal bays. (allied work for GIS NPH)	SS	7		incl. in 220kV scheme	incl. in 220kV scheme	2012-13	incl. in 220kV scheme		
	Schemes for Narmada Canal Project									
3	132kV S/C line Sawa - Sata with 132kV S/S at Sata (Barmer)	LC,LR	46	25	1414.80	1414.80	7.1.11	100		
4	132kV S/C line Sanchore(220kV) - Galifa with 132kV S/S at Galifa (Jalore) (Line-Turnkey)	LC,LR	18.5	25	1176.25	1176.25	8.05.10	50		

S.No.	Scheme	Category	Line Length (Ckt. km)	Capacity (in MVA)	Estimated Cost	Estimated Cost	Working Target / Dt. of Comm.	Annual Plan 2011-12 (Revised)		
								Provision	Physical Targets	
									Plan	Ckt Km.	MVA
	Normal Development Schemes									
5	LILO of 132kV VKI - Vaishali Nagar line to New Jhotwara with 132kV GIS S/S at New Jhotwara (Jaipur) (Turnkey)	LC,LR	5	2x50	3973.80	3973.80	2011-12	500	5	50
6	LILO 132kV Kota-Sangod line at Shivpura with 132kV GSS at	LC,LR	1	25	1261.71	1261.71	2012-13	150		
7	132 kV S/C line from 220 kV GSS Hanumangarh - Rawatsar with S/S at Rawatsar (Hanumangarh)	VR,LR, LC	41	25	1317.46	1317.46	2011-12	150	41	25
8	132 kV S/C line from 220 kV GSS Sri Dungargarh -Riri with S/S at Riri (Bikaner) (Line- Turnkey)	LR,LC	17	25	1088.51	1088.51	24.6.10	50		
9	132 kV S/C line from Salumber - Dhariyawad with S/S at Dhariyawad (Pratapgarh) (Line- Turnkey)	VR,LR	69	25	1546.42	1546.42	27.12.10	100		
10	Extension of Existing 132 kV S/C VKIA - Pratap Steel line upto 220 kV GSS VKIA	LC,SS	4			43.84	2011-12	30	4	
11	132 kV D/C line from 220 kV SEZ-I to 132 kV SEZ-I with 132 kV GSS at	LC	4	25	1175.82	1175.82	2012-13	100		
12	132kV S/C Behror - Jakharana line with 132kV GSS at Jakharana (Alwar) (Line- Turnkey)	LC,LR	15	25	1286.50	1286.50	8.12.10	100		
13	132kV S/C Kawai-Atru line with 132kV GSS at Atru (Baran)	LC,LR	12	25	1313.72	1313.72	14.12.10	100		
14	132kV S/C Ranoli - Khandela Mod line with 132kV GSS at Khandela Mod (Sikar) (Line comm in 2010-11)	LC,LR	25	25	1409.03	1409.03	4.4.11	250		25
15	LILO 132kV Chittor-Hamirgarh line for 132 kV Rashmi with 132kV GSS at Rashmi (Chittorgarh) (Line- Turnkey)	LC,LR	39	25	1530.64	1530.64	2011-12	300	39	25
16	132kV S/C Madri-Dakan Kotda (Transport Nagar) line with 132kV GSS at Dakan Kotda (Transport Nagar), Udaipur	LC	6	25	1200.79	1200.79	2011-12	600	6	25
17	132kV Saradhna-Pushkar Road- MDS University with 132kV GSS at Pushkar Road (Ajmer) (Line- Turnkey)	LC,LR	33	25	1613.64	1613.64	2011-12	350	33	25
18	132kV S/C Jhunjhunu (220kV)- Bherunda Kalan- Sultana with 132kV GSS at Bherunda Kalan (Jhunjhunu)	LC	32	25	1681.71	1681.71	28.10.10	50		
19	LILO 132kV Jodhpur-Baori line for 132 kV Jhalamand with 132kV GSS at Jalamand (Jodhpur)	LC,LR	4	25	1078.83	1078.83	2012-13	300		
20	LILO 132kV Pali-Falna line for 132 kV Tagore Nagar with 132kV GSS at Tagore Nagar (Pali)	LC	1	25	1102.61	1102.61	25.8.10	50		
21	LILO 132kV Bhiwadi (RVPN)- Kushkhera line for 132 kV Chopanki I/A with 132kV GSS at Chopanki I/A, (Alwar)	LC,LR	10	25	1197.73	1197.73	22.7.10	50		
22	LILO 132kV Kotputli- Behror line for 132 kV Keshwana I/A with 132kV GSS at Keshwana I/A (Jaipur)	LC,LR	4	25	1173.95	1173.95	27.11.10	100		
	Works associated with 220kV Schemes									
23	132 kV LILO Jodhpur-Pali line at 220 kV GSS Boranada I/A	LC,LR	11		Incl. in 220kV	170.76	2011-12	100	11	
24	132 kV S/C Dhod - Losal line (Line- Turnkey)	SS	15		Incl. in 220 kV	285.92	15.6.11	100	15	
25	132 kV Dhod - Kachhawa line (Line- Turnkey)	SS	20		Incl. in 220 kV	204.23	15.6.11	100	20	
26	132 kV D/C Nokha - Jasrasar line (Line- Turnkey)	SS	76		Incl. in 220 kV	951.23	2011-12	150	76	

S.No.	Scheme	Category	Line Length (Ckt. km)	Capacity (in MVA)	Estimated Cost	Estimated Cost	Working Target / Dt. of Comm.	Annual Plan 2011-12 (Revised)		
								Provision	Physical Targets	
									Plan	Ckt Km.	MVA
	132kV normal development works									
27	132kV S/C Buhana-Mahpalwas with 132 kV GSS at Mahpalwas (Jhunjhunu) (Line- Turnkey)	LC,LR	16	25	1423.7	1423.7	2011-12	600	16	25
28	132kV S/C Surajgarh- Dulaniya with 132 kV GSS at Dulaniya (Jhunjhunu) (Line- Turnkey)	LC,LR	14	25	1355.62	1355.62	9.1.11	100		
29	LILO 132kV Bhilwara-Pali line for 132 kV Karera with 132 kV GSS at Karera (Bhilwara)	VR,LR	4	25	1181.9	1181.9	24.10.10	50		
30	132kV S/C Kishangarh (220 kV)-Roopangarh with 132 kV GSS at Roopangarh (Ajmer)	LC,LR	22	25	1450.92	1450.92	22.7.10	50		
31	LILO 132kV Khetri-Gudha Gorji for 132 kV Nangli with 132 kV GSS at Nangli (Jhunjhunu) (Line comm. 31.5.11) (1.01 ckm)	LC,LR	1	25	1158.12	1158.12	2011-12	600	1	25
32	LILO 132kV Bhilwara-Rayla line for 132 kV Danta with 132 kV GSS at Danta (Bhilwara)	VR,LC	9	25	1229.46	1229.46	10.9.10	50		
33	LILO 132kV Khinwsar-Soyla line for 132 kV Narwa with 132 kV GSS at Narwa (Hanuman Nagar) (Nagaur)	LC	23	25	1467.26	1467.26	18.1.11	100		
34	LILO 132kV Dhaurimanna-Sawa line for 132 kV Ranasar with 132 kV GSS at Ranasar (Barmer)	LC	10	25	1253.24	1253.24	3.11.10	100		
35	132kV S/C Reodar- Badgaon line with 132 kV GSS at Badgaon	LC,LR	35	25	1546.23	1546.23	6.7.10	50		
36	LILO 132kV Suratgarh-Anoopgarh line for 132 kV Sri Vijaynagar with 132 kV GSS at Sri Vijaynagar (Sriganganagar)	VR,LR	21	25	1467.26	1467.26	21.1.11	100		
37	132kV S/C line from 220kV Phalodi-Bap line with 132 kV GSS at Bap (Jodhpur) (Line- Turnkey)	VR,LR	38	25	1519.00	1519.00	2011-12	500	38	25
38	132kV S/C Hanumangarh (220kV GSS)- Guluwala line with 132 kV GSS at Guluwala (Hanumangarh)	LC,LR	26	25	1450.92	1450.92	2011-12	600	26	25
39	132kV S/C Dechu-Sanwreej line with 132 kV GSS at Sanwreej (Jodhpur) (Line- Turnkey)	LC,LR	25	25	1437.31	1437.31	14.3.11	150		
40	LILO 132kV Alwar-Mandawar line for 132 kV Pinan with 132 kV GSS Pinan (Alwar) (Line comm. on 2.4.11)	LC,LR	4	25	1181.9	1181.9	2011-12	500	4	25
41	132kV S/C line from 220kV Dholpur-Roopwas with 132 kV GSS at Roopwas (Bharatpur) (Line- turnkey) (Line comm in 2010-11)	VR,LR	45	25	1791.29	1791.29	2.4.11	250		25
42	132kV S/C Phulera-Dudu line with 132 kV GSS at Dudu (Jaipur)	VR,LC	22	25	1450.92	1450.92	26.3.11	150		
43	132kV S/C Balawala-Phagi line with 132 kV GSS at Phagi	VR,LC	22	25	1382.85	1382.85	5.7.10	50		
44	LILO 132kV Hindaun-Gangapur line for 132 kV Baroli with 132 kV GSS at Baroli (Sawaimadhopur)	VR,LC	15	25	1300.8	1300.8	2011-12	200	15	25
45	LILO 132kV Hingonia-Heerapura line for 132 kV Champapura with 132 kV GSS at Champapura , Kalwar Road, Jaipur (Jaipur)	LC,LR	5	25	1229.46	1229.46	7.5.11	250		25
46	LILO 132kV Kota-Modak line for 132 kV Mandana Town with 132 kV GSS at Mandana Town (Kota) (Line comm. In 2010-11)	LC,LR,VR	10	25	1300.8	1300.8	2011-12	250		25
47	LILO 132 kV Bundi-Kota line for 132 kV Talera with 132 kV GSS at Talera (Bundi) (Line comm. In 2010-11)	LC,LR,VR	4	25	1300.8	1300.8	2011-12	250		25
48	132kV S/C Baseri -Sarmathura line with 132 kV GSS at Sarmathura	VR,LR	31	25	1587.07	1587.07	2012-13	100		
49	132kV S/C Zawarmines - Rishabdeo line	SS	32		671.02	671.02	2011-12	100	32	

S.No.	Scheme	Category	Line Length (Ckt. km)	Capacity (in MVA)	Estimated Cost	Estimated Cost	Working Target / Dt. of Comm.	Annual Plan 2011-12 (Revised)		
								Provision	Physical Targets	
									Plan	Ckt Km.	MVA
	Interconnections for 400 kV GSS Deedwana (RVPN Scope)									
50	132 kV D/C interconnecting line between proposed 400 kV Deedwana GSS and existing 132 kV Deedwana GSS	SS	20		734.64	734.64	2012-13	100		
	Interconnections for 220 kV GSS Nawalgarh (RVPN Scope)									
51	LILO of existing 132 kV S/C Koodan - Nawalgarh line to proposed 220 kV Nawalgarh GSS	SS	8		283.87	283.87	2012-13	100		
52	132 kV S/C Nawalgarh(220 kV) - Kumawas line	SS	22		489.43	489.43	2012-13			
53	132 kV S/C Nawalgarh(220 kV) - Gudagorji line	SS	34		653.58	653.58	2012-13			
54	132 kV S/C Nawalgarh(220 kV) - Udaipurwati line	SS	30		598.86	598.86	2012-13			
	Power Evacuation System of Ramgarh GTPS (Stage-III) :									
55	LILO of existing 132kV S/C Dechu-Pokran line at proposed 220kV Dechu GSS (Ist ckt charged in 2010-11)	ES	2		126.83	26.03	6.4.11	Incl. in 220 kV scheme	1	
56	LILO of existing 132kV S/C Dechu-Phalodi line at proposed 220kV	ES	5			100.80	6.4.11		5	
	Normal Development Works									
57	LILO of 132 kV Hindaun-Todabhim line with 132 kV GSS at Daula Kunwa(Bada Khora) (Dausa)	LC,LR,VR	6	25	1364.19	1364.19	2011-12	500	6	25
58	LILO of 132 kV Kishangarh Bas-Khushkhera line with 132 kV GSS at PUR, Kotkasim(Alwar)	LC,LR,VR	30	25	1725.59	1725.59	2012-13	300		
59	LILO of 132 kV Alwar-Bansur line with 132 kV GSS at Vijay Mandir, Alwar City(Alwar)	LC,LR,VR	3	25	1426.49	1426.49	2012-13	300		
60	LILO of 132 kV Todabhim-Sikandra line with 132 kV GSS at Sikrai (Dausa) (Line comm. on 30.4.11)	LC,LR	4	25	1426.49	1426.49	2011-12	400	4	25
61	132 kV S/C Shri Mahaveerji GSS-Nangal Sherpur line with 132 kV GSS at Nangal Sherpur (Karauli)	LC,LR,VR	15	25	1642.71	1642.71	2011-12	700	15	25
62	LILO of 132 kV Mandawar-Todabhim line with 132 kV GSS at Mahuwa (Dausa) (Line comm. In 2010-11)	LC	2	25	1401.57	1401.57	2011-12	400		25
63	LILO of 132 kV Jamwa Ramgarh-Rajgarh line with 132 kV GSS at Andhi (Jaipur) (Line comm. In 2010-11)	LR,VR	3	25	1426.49	1426.49	2011-12	600		25
64	LILO of 132kV Heerapura-VKIA-Rampura Dabri line with 132 kV GSS at RIICO, Sarna Doongar (Jaipur)	LC,LR,VR	4	25	1401.57	1401.57	2011-12	650	4	25
65	132 kV S/C Sapotra -Kaila Devi line with 132 kV GSS Kaila Devi	LC,LR,VR	22	25	1642.71	1642.71	2011-12	700	22	25
66	132 kV S/C Karauli -Mandrayal line with 132 kV GSS Mandrayal	LR,VR	45	25	2006.46	2006.46	2012-13	100		
67	LILO of 132 kV Jodhpur-Bilara line with 132 kV GSS at SEZ,	LC	10	25	1476.34	1476.34	2012-13	100		
68	LILO of 132 kV Padampur-Sri Ganganagar line with 132 kV GSS at Telewala (Sri Ganganagar)	LC,LR,VR	12	25	1501.27	1501.27	2012-13	100		
69	132 kV S/C Momasar-Patlisar Fanta line with 132 kV GSS Patlisar	LC,LR,VR	13	25	1569.96	1569.96	2011-12	750	13	25
70	LILO of Sawa-Sata line with 132 kV GSS at Sedwa (Barmer)	LC,LR,VR	8	25	1401.57	1401.57	2011-12	600	8	25
71	132 kV Padroo-Junameetha Khera-Sindhari line with 132 kV GSS at Junameetha Khera (Barmer)	LC,LR,VR	40	25	2117.09	2117.09	2011-12	700	40	25
72	132 kV S/C Sanchore (220kVGSS)- Paladar line with 132 kV GSS at Paladar (Jalore)	LC,LR,VR	17	25	1569.96	1569.96	2011-12	600	17	25
73	132 kV S/C Riri-Upani line with 132 kV GSS at Upani (Bikaner)	LC,LR,VR	13	25	1540.86	1540.86	2011-12	600	13	25

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								Provision	Physical Targets	
									Plan	Ckt Km.
74	132 kV S/C Sri Karanpur - Kaminpura line with 132 kV GSS at Kaminpura (Sri Ganganagar)	LC,LR,VR	25	25	1715.46	1715.46	2011-12	600	25	25
75	LILO of 132 kV Neem Ka Thana-Khetri line with 132 kV GSS at Babai (Jhunjhunu)	LC,LR,VR	2	25	1476.34	1476.34	18.3.11	150		
76	LILO of 132 kV MDSU-Bherunda line with 132 kV GSS at	LC,VR	21	25	1551.12	1551.12	2011-12	650	21	25
77	LILO of 132 kV Beawar-Nasirabad line with 132 kV GSS at	LR,VR	10	25	1476.34	1476.34	2012-13	700		
78	132 kV S/C Kankroli (220kV) -Sapol line with 132 kV GSS at	LC,VR	23	25	1686.36	1686.36	2011-12	700	23	25
79	LILO of 132 kV Banswara-Sagwara line with 132 kV GSS at	LC,LR,VR	19	25	1625.89	1625.89	2011-12	700	19	25
80	132 kV S/C Mavli - Sanwad line with 132 kV GSS at Sanwad	LC,LR,VR	17	25	1642.71	1642.71	2011-12	600	17	25
81	132 kV S/C Shri Madhopur - Thoi line with 132 kV GSS at Thoi	LC,LR,VR	22	25	1657.26	1657.26	2011-12	650	22	25
82	132 kV Jhunjhunu (220kV GSS) - Malsisar line with 132 kV GSS at Malsisar (Jhunjhunu) (12km D/C + 18km S/C)	LR,VR	34	25	1980.67	1980.67	2011-12	700	34	25
83	LILO of 132 kV line Laxmangarh-Fatehpur line with 132 kV GSS at Antroli (Sikar) (Line comm.in 2010-11)	LC,LR,VR	19	25	1650.82	1650.82	6.4.11	250		25
84	LILO of 132 kV Bhilwara-Hamirgarh line with 132 kV GSS at RIICO, Bhilwara (Bhilwara)	LC,LR	4	25	1576.04	1576.04	2011-12	650	4	25
85	132 kV S/C Beegod- Kachola line with 132 kV GSS at Kachola	LC,LR,VR	20	25	1642.71	1642.71	2011-12	650	20	25
86	132 kV S/C Deoli-Jahajpur line with 132 kV GSS at Jahajpur	LC,LR,VR	18	25	1642.71	1642.71	30.6.11	400	18	25
87	132 kV S/C Chittorgarh- Nimbeheral line with 132 kV GSS at Rasoolpur (Chittorgarh)	LC,LR,VR	4	25	1322.77	1322.77	2011-12	500	4	25
88	132 kV S/C Ajoliya-ka-khera-Bassi line with 132 kV GSS at Bassi	LC,LR,VR	13	25	1613.61	1613.61	2011-12	700	13	25
JAIPUR CITY EHV NETWORK STRENGTHENING SCHEME-										
90	(i) 132 kV GIS Substation at MNIT (Jaipur)	SS,LC		2x50	8193.78	3751.11	2011-12	3800		50
	(ii) 132 kV S/C Cable system between 220 kV IGN and 132 kV	SS,LC	9			4442.67	2011-12		9	
JODHPUR CITY EHV NETWORK STRENGTHENING										
91	(a) 132/33 kV Transformer at 220 kV GSS Barli.	SS,LC		2x50			2012-13	Incl. in 220kV		
	(b) Lines associated with 220 kV GSS Barli.	SS,LC						100		
	(i) LILO of existing 132 kV S/C Jodhpur-PS8 line at Barli	SS,LC	4		702.08	42.20	2012-13			
	(ii) LILO of existing 132 kV CHB-Soorsagar line at Barli	SS,LC	14			144.97	2012-13			
	(iii) LILO of existing 132 kV S/C Tinwari-Soorsagar line at 400kV	SS,LC	50			514.91	2012-13			
92	(a) 132/33 kV Transformer at 220 kV GSS Jhalamand.	SS,LC		2x50			2012-13	Incl. in 220kV		
	(b) Lines associated with 220 kV GSS Jhalamand.	SS,LC						50		
	(i) LILO of existing 132 kV S/C Jodhpur(220kV GSS)- Bilara line	SS,LC	10		103.86	103.86	2012-13			
93	(a) 132/33 kV Transformer at 220 kV GSS Karwad/Bhawad.	SS,LC		2x50			2011-12	Incl. in 220kV		
	(b) Lines associated with 220 kV GSS Karwad/Bhawad.	SS,LC						100		
	(i) LILO of existing 132 kV S/C Jodhpur (220kV GSS)- Jhalamand-Baori line at Karwad/Bhawad	SS,LC	16		349.52	165.52	2012-13			
	(ii) 132 kV S/C Karwad/Bhawad-Mathania line	SS,LC	15			184.00	2012-13			
94	(a) 132/33 kV Transformer at 220 kV GSS Bhadwasia.	SS,LC		2x50			2012-13	Incl. in 220kV		

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								Provision	Physical Targets	
									Plan	Ckt Km.
95	(i) 132 kV GIS Substation at Engineering College	SS,LC		2x50	9810.47	3947.07	2012-13	2800		
	(ii) 132 kV S/C Cable system between 132 kV OPH and 132 kV Engineering College	SS,LC	4			1925.10	2012-13			
	(iii) 132 kV D/C Cable system between 132 kV NPH and 132 kV Engineering College	SS,LC	12			3938.30	2012-13			
96	(i) 132 kV Hybrid GIS Substation at Kuri Bhagtasani	SS,LC		2x50	3555.65	3405.61	2012-13	1500		
	(ii) LILO of 132 kV S/C Jodhpur (220 kV GSS)- Banar Line at	SS,LC	3			150.07	2012-13			
97	(i)132 kV Hybrid GIS Substation at Pratap Nagar	SS,LC		2x50	7360.43	3394.61	2012-13	5000		
	(ii)132 kV D/C Cable system between 132 kV CHB and 132 kV Pratap Nagar (Proposed)	SS,LC	12			3965.82	2012-13			
98	(i) 132 kV GIS Substation at OPH	SS,LC		2x50	9448.12	4058.32	2012-13	4500		
	(ii) 132 kV D/C Cable system between 132 kV Banar and 132 kV OPH (Proposed)	SS,LC	14			4570.60	2012-13			
	(iii) 3 No. Terminal 132 kV Hybrid GIS Bays at 132 kV GSS	SS,LC				819.20	2012-13			
99	Strengthening scheme of existing 132kV Chopasani Housing Board	SS,LC								
	(i) 132 kV D/C Cable system for LILO of existing 132 kV S/C PS8-Jodhpur Line at CHB	SS,LC	10		4960.86	3585.80	2012-13	500		
	(ii) 132 kV Terminal Hybrid GIS Bays (4 Incomer/ Outgoing & 1	SS,LC				1338.28	2012-13			
	(iii) 132 kV S/C Line along Bypass Road, to interconnect 132kV lines emanating from 220kV Jodhpur GSS towards Pali and PS-8	SS,LC	3			36.78	2012-13			
	Works associated with 220kV GRID-SUBSTATIONS									
100	(i) 132/33 kV Transformer at 220 kV Bundi	SS,LC		1X25	Incl. in 220kV Bundi	Incl. in 220kV Bundi		Incl. in 220kV		
	(ii) LILO of existing 132 kV S/C Talera-Bundi line at proposed 220 kV GSS Bundi	SS,LC	14			144.87	2012-13	100		
	(iii) 132 kV S/C Bundi (220 kV GSS)-Bundi (132 kV GSS) line	SS,LC	9			110.84	2012-13			
101	(i) 132/33 kV Transformer at 220 kV Gajner	SS,LC		1X25	Incl. in 220kV Gajner	Incl. in 220kV Gajner	2011-12	Incl. in 220kV		
	(ii) LILO of existing 132 kV S/C Pugal Road-Gajner (PS-4) line at proposed 220 kV GSS Gajner.	SS,LC	34			206.62	2012-13	100		
	(iii) LILO of existing 132 kV S/C Bhinasar-Kolayat line at proposed 220 kV GSS Gajner.	SS,LC	28			206.62	2012-13			
102	(i) 132 kV S/C Manoharpur- Shahpura line (Second circuit)	SS,LC	12		incl. in 220kV Manoharpur	184.00	2012-13	100		
	(ii) 132 kV S/C Manoharpur- Ajeetgarh line.	SS,LC	30			366.90	2012-13			
103	(i) 132/33 kV Transformer at 220 GSS Gangapurcity (New location) (Distt. Sawai Madhopur)	SS,LC		1x25	incl. in 220kV Gangapurcity (New location)	incl. in 220kV Gangapurcity (New location)	2012-13	incl. in 220kV scheme		
	(ii) 132 kV D/C Gangapurcity (220 kV GSS)-Gangapurcity(132 kV GSS) line	SS,LC	7			103.87	2012-13	150		
	(iii) 132 kV S/C Gangapurcity (220 kV GSS)-Sapotra line	SS,LC	25			305.92	2012-13			
	(iv) 132 kV S/C Gangapurcity (220 kV GSS)- Shrimahavir ji line	SS,LC	35			427.85	2012-13			
104	(i) 132/33 kV Transformer at 220 GSS at Kuchera (New location) (Distt. Nagaur)	SS,LC		1x25	incl. in 220kV scheme	incl. in 220kV scheme	2012-13	incl. in 220kV		

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								Provision	Physical Targets	
									Plan	Ckt Km.
	(ii) LILO of existing 132 kV Kuchera - Mundwa line at proposed 220 kV GSS Kuchera	SS,LC	6			62.76	2012-13	30		
	(iii) LILO of existing 132 kV Kuchera - Sanjoo line at proposed 220 kV GSS Kuchera	SS,LC	2			21.64	2012-13			
105	(i) 132/33 kV Transformer at 220 GSS at Aspur (New location) (Distt. Dungarpur) & associated lines.	SS,LC		1x25	incl. in 220kV scheme	incl. in 220kV scheme	2011-12	incl. in 220kV		
	(ii) LILO of existing 132 kV Salumber - Sagwara line at proposed 220 kV GSS Aspur	SS,LC	20			206.62	2011-12	50	20	
	(iii) LILO of existing 132 kV Salumber - Dhariyawad line at proposed 220 kV GSS Aspur	SS,LC	23			206.62	2011-12		23	
	Transmission System for New Solar and Wind Power Plants in Jaisalmer, Barmer & Jodhpur Districts	ES								
106	(i) Up-gradation of PS No. 2 to 132kV Grid Substation with associated 132kV line	ES		2x25	2228.01	2228.01	2012-13	150		
107	Up-gradation of PS No. 3 to 132kV Grid Substation	ES		2x25	1993.12	1993.12	2012-13	150		
108	Charging of 132 kV line from PS_No.5 to PS_No.1 on 132 kV voltage level via 132 kV PS No.2 GSS and 132 kV PS No.3 GSS	ES			718.88	718.88	2012-13	100		
109	Up-gradation of PS No. 4 to 132kV Grid Substation with 132/33kV, 2x20/25 MVA Transformers	ES		2x25	1993.12	1993.12	2012-13	150		
110	132/33kV, Transformer at 220kV GSS Bap (Distt. Jodhpur)	ES		2X50	incl. in 220kV scheme	incl. in 220kV scheme	2012-13	incl. in 220kV		
111	(i) 132/33kV, Transformer at Kanasar (Distt. Jodhpur)	ES		2X50	incl. in 220kV scheme	incl. in 220kV scheme	2012-13	incl. in 220kV		
	(ii) LILO of 132 kV PS1 - PS2 line at 220kV GSS at Kanasar		24			277.85	2012-13	70		
	(iii) LILO of 132 kV PS2 - PS3 line at proposed 220kV GSS at		20			231.54	2012-13			
	Normal Development Works									
112	(i) 132/33kV, Transformer at 220kV GSS Mandalgarh(New) (Distt. Bhilwara)	LR,SS		1X25	incl. in 220kV scheme	incl. in 220kV scheme	2011-12	incl. in 220kV		
	(ii) LILO of existing 132 kV S/C Mandalgarh- Begun line at proposed 220 kV GSS Mandalgarh	LR,SS	1			11.38	2011-12	10	1	
	(iii) LILO of existing 132 kV Bijolia-Beegod line at proposed 220 kV GSS Mandalgarh	LR,SS	1			11.38	2011-12		1	
113	(i) 132/33kV Tranformer at Chonkarwada (Distt. Bharatpur)	LR,SS		1X25	Incl.in 220kV Chonkarwada	Incl.in 220kV Chonkarwada	2012-13	incl. in 220kV		
	(ii) 132kV D/C line from proposed 220kV Chonkarwada to 132kV GSS Bhusawar	LR,SS	16			167.90	2012-13	30		
	(iii) 132kV D/C line from proposed 220kV Chonkarwada to proposed 132kV GSS Mahuwa	LR,SS	30			313.85	2012-13			
114	132 kV S/C Tehandesar-Parewara line	LR,SS	15		183.99	183.99	2012-13			
C	NEW START SCHEMES 2011-12									
(a)	Work associated with 220kV GSS									

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								Provision	Physical Targets	
									Plan	Ckt Km.
115	(i) 132/33kV Transformer at GSS Baithwasia (Distt. Jodhpur)			2x25	incl.in 220kV Baithwasia	incl.in 220kV Baithwasia	2012-13	incl.in 220kV		
	(ii) 132kV D/C Baithwasia-Osian line	LR,SS	30			313.85	2012-13	30	30	
	(iii) 132kV S/C Baithwasia-Matora line	LR,SS	30			368.20	2012-13		30	
116	(i) 132/33kV, Transformer at GSS Behror (Distt. Alwar)			1x25	incl.in 220kV Behror	incl.in 220kV Behror	2011-12	incl.in 220kV		
	(ii) LILO of 132kV S/C Behror-Jakhrana line at proposed 220kV	LR,SS	4			42.80	2011-12	250	4	
	(iii) LILO of 132kV S/C Keshwana-Behror line at proposed 220kV	LR,SS	20			209.60	2011-12		20	
	(iv) 132kV S/C Jakhrana-Mandan line	LR,SS	20			245.84	2011-12		20	
117	(i) 132/33kV, Transformer at GSS Bansur (Distt. Alwar)			1x25	incl.in 220kV Bansur	incl.in 220kV Bansur	2011-12	incl.in 220kV		
	(ii) LILO of 132 kV S/C Kotputli-Bansur line at proposed 220 kV	LR,SS	4			42.80	2011-12	250	4	
	(iii) 132 kV S/C Bansur(Proposed 220 kV GSS)-Mundawar line	LR,SS	35			429.39	2011-12		35	
118	(i) 132 kV S/C from proposed 220 kV GSS Lalsot to existing 132 kV GSS Toonga	LR,SS	30		incl.in 220kV Lalsot	367.10	2012-13	50		
	(ii) 132 kV S/C from proposed 220 kV GSS Lalsot to existing 132 kV GSS Bhadoti	LR,SS	50			611.84	2012-13			
119	(i) Transformer at 220kV GSS Lakhesara			1X25	Incl in 220kV Lakhesara	Incl in 220kV Lakhesara	2012-13	Incl in 220kV		
	(ii) LILO of 132 kV S/C Bassi-Puranaghat line at proposed 220kV Lakhesara GSS	LR,SS	6			62.75	2012-13	-		
120	132 /33kV, 2X80MVA & 33 /11 kV , 3X20MVA Transformer at 220kV GSS Chambal	LR,SS		2x80 3x20	Incl in 220kV Chambal	Incl in 220kV Chambal	2012-13	Incl in 220kV		
121	(i) 132/33kV Transformer at GSS at Amberi (Distt. Udaipur)	LR,SS		1X25	Incl in 220kV Amberi	Incl in 220kV Amberi	2012-13	Incl in 220kV		
	(ii) LILO of 132 kV S/C Debari-Sukher line at proposed 220 kV GSS Amberi	LR,SS	10			105.35	2012-13	Incl in 220kV		
	(iii) LILO of 132 kV S/C Sukher-Seesarma line at proposed 220 kV GSS Amberi	LR,SS	10			105.35	2012-13	Incl in 220kV		
	(b) New 132kV Schemes									
122	(i) LILO of 132kV Reengus-Govindgarh line with 132kV GSS at RIICO, Reengus (Disst.Sikar)	LC,LR,VR	4	25	1745.03	1745.03	2011-12	700	4	25
	(ii) 132 kV S/C line for RIICO, Reengus from lacion no 60B	LC,LR,VR	2		1.8				2	
123	LILO of 132 kV Asind-Beawer line with 132kV GSS at Partappura (Disst. Bhilwara)	LC,LR,VR	24	25	1572.35	1572.35	2011-12	600	24	25
124	132 kV S/C Ganganagar- Raipur line with 132kV GSS at Raipur (	LR,VR	25	25	1630.54	1630.54	2011-12	650	25	25
125	132 kV S/C Dhod- Dayalpura line with 132kV GSS at Dayalpura (	LC,VR	28	25	1667.12	1667.12	2012-13	200		
126	LILO of 132 kV Reodar-Aburoad line with 132kV GSS at RIICO Growth Centre, Aburoad (Disst. Sirohi)	LR,VR	4	25	1366.83	1366.83	2012-13	200		
127	LILO of 132 kV Badnu-Jasrasar line with 132kV GSS at Lalamesar Bada (Disst. Bikaner)	LC,LR,VR	6	25	1387.38	1387.38	2012-13	200		
128	LILO of 132 kV Napasar-Badnu line with 132kV GSS at Moonsar (Disst. Bikaner)	LC,LR,VR	4	25	1366.83	1366.83	2012-13	200		

S.No.	Scheme	Category	Line Length (Ckt. km)	Capacity (in MVA)	Estimated Cost	Estimated Cost	Working Target / Dt. of Comm.	Annual Plan 2011-12 (Revised)		
								Provision	Physical Targets	
									Plan	Ckt Km.	MVA
129	LILO of 132 kV Sangod-Kawai line with 132kV GSS at Bapawar (	LC,LR,VR	6	25	1387.38	1387.38	2012-13	200		
130	LILO of 132 kV Mandawa-Bandikui line with 132kV GSS at Dhigaria Bhim (Disst. Dausa)	LC,LR	6	25	1387.38	1387.38	2012-13	200		
131	(i) 132kV GSS at Sultanpur(Kota)	LR,LC		25	1593.91	1250.18	2013-14	50		
	(ii) 132kV S/C Dahara-Sultanpur line	LR,LC	28			343.73	2013-14			
132	(i) 132kV GSS at Mangrol (Baran)	LC		25	1618.38	1250.18	2013-14	50		
	(ii) 132kV S/C Baran-Mangrol line	LC	30			368.2	2013-14			
133	(i) 132kV GSS at Khetusar (Jodhpur)	LR,LC		25	1801.93	1250.18	2013-14	50		
	(ii) 132kV S/C Bap-Khetusar line	LR,LC	45			551.75	2013-14			
134	(i) 132kV GSS at Hatundi(Jodhpur)	LR,LC		25	1557.2	1250.18	2013-14	50		
	(ii) 132kV S/C Soyla-Hatundi line	LR,LC	25			307.02	2013-14			
135	(i) 132kV GSS at Kirmarsariya(Jodhpur)	LR,LC		25	1557.2	1250.18	2013-14	50		
	(ii) 132kV S/C Tinwari-Kirmarsariya line	LR,LC	25			307.02	2013-14			
136	(i) 132kV GSS at Anandpur Kaloo (Pali)	LR,LC		25	1459.3	1250.18	2013-14	50		
	(ii) 132kV S/C Jaitaran-Anandpur Kaloo line	LR,LC	17			209.12	2013-14			
137	(i) 132kV GSS at Subhash Nagar, Ajmer(Pali)	LC		25	1261.71	1250.18	2013-14	50		
	(ii) LILO 132kV Ajmer-Saradhna line at Subhash Nagar, Ajmer	LC	1			11.53	2013-14			
138	(i) 132kV GSS at Sawalpora Tanwaran (Sikar)	LC		25	1496.01	1250.18	2012-13	50		
	(ii) 132kV S/C Ajeetgarh -Sawalpora Tanwaran line	LC	20			245.83	2012-13			
	Jaipur City EHV Network Strengthening Scheme-IV (Phase-I)									
	132kV Interconnection									
139	(i) 132 kV Hybrid GIS Bay at Jawahar Nagar (Jaipur)	LR,SS			2521.51	269.84		150		
	(ii) 132 kV S/C Cable system between 132 kV MNIT and 132 kV Substation Jawahar Nagar(6km S/C)	LR,SS	6			2251.67				
D	132 kV New Schemes (To be identified)							1000		
	IV. TOTAL (132KV)							52300	1010	1225
	TARGET 132 kV - WORKING								1010	1225 / 46
	- ACHIEVEABLE								450	500/20
V	Capacitor banks (MVAR)	Cap.						1800		150MVAR
VI	Augmentation (EAP & Plan)/(Upgradation)	Aug.								
	i. Transformers capacity (MVA)									1500MVA
	ii. 400/220/132/33kV Feeder bays, Transformer bays, Bus-									
	iii. 33kV line bays as per requirement of Discoms									
	iv. Other works approved under Augmentation									
	(A) Jaipur Zone							15000		
	(B) Jodhpur Zone							10000		
	(C) Ajmer Zone							10000		

S.No.	Scheme	Category	Line Length (Ckt. kM)	Capacity (in MVA)	Estimated Cost	Estimated Cost	Working Target / Dt. of Comm.	Annual Plan 2011-12 (Revised)		
								Provision	Physical Targets	
									Proposed	
Plan	Ckt Km.	MVA								
VII	Automation/ SCADA solutions, RTU's/ BCU's, related primary equipments upgradations, communication interfaces/ channels (under ULDC, up gradation of existing S/S) & setting up of Sub	SCADA / SLDC						3000		
VIII	Utility Software, IT Software, Other Allied Software, Hardware Equipments (Upgradation / New)							25		
IX	Capital cost on IT/non-IT goods for Integrated MIS & Computerisation in RVPN							150		
X	Purchase of IT hardwares, custom software, non IT items, computer furniture, net working items and broad band connectivity required							225		
XI	RMU of equipments & protection schemes of RVPN (Scheme -II)							1400		
XII	Air Conditioning of Control Rooms of 220kV GSS							200		
XIII	Allocation by CCOA							1500		
	TOTAL (V TO XIV)							43300		
	TOTAL OF TRANSMISSION WORKS (I TO XIII)				1503513.42	1472499.84		280000		
	Abbreviation Used :-									
	<i>VR : Voltage Regulation Improvement Scheme.</i>				<i>BPTS : Bulk Power Transfer Scheme.</i>			<i>ES : Evacuation Sysstem Scheme.</i>		
	<i>LC : Load Catering Scheme.</i>				<i>Mtg. : Metering</i>			<i>LR : Loss Reduction.</i>		
	<i>SS : System Strengthening Scheme.</i>				<i>Aug. : Augmentation</i>					