RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
Registered Office: Vidyut Bhawan, Janpath, Jaipur, Rajasthan (India)
OFFICE OF THE CHIEF ENGINEER (NPP&R)
Tel. No. 0141-2740275, Fax 0141-2740275, E-mail se_npp@rvpn.co.in

No. RVPN/CE (NPP&R)/SE (NPP&R)/F-317/D. Dated:

The Secretary,
Rajasthan Electricity Regulatory Commission,
Vidyut Viniyamak Bhawan,
Near State Motor Garage,
Sahakar Marg, Jaipur-302001.

Sub: Petition for approval of Investment Plan for FY 2014-15.

Dear Sir,

Kindly find enclosed herewith petition of Rajasthan Rajya Vidyut Prasaran Nigam Limited for the approval of Investment Plan for FY 2014-15. The petition consists of the following documents:

1. Copy of the authorization to file the petition
2. Affidavit verifying the application on non-judicial stamp paper worth Rs. 10/-
3. Investment Plan petition inclusive of prescribed forms.
4. Cheque No. " 926873 " Dt. 23.01.14 amounting to Rs. 10,000/- towards fees for petition.

Sd/-
(M.L. Gupta)
Superintending Engineer (NPP&R)
For Rajasthan Rajya Vidyut Prasaran Nigam Ltd., Jaipur.

BEFORE THE RAJASTHAN ELECTRICITY REGULATORY COMMISSION,
VIDYUT VINIYAMAK BHAWAN, NEAR STATE MOTOR GARAGE,
SAHAKAR MARG, JAIPUR-302001.

FILING NO. _____
Petition No. _____

IN THE MATTER OF:

Petition under Section 04 of the RERC (Investment Approval) Regulation 2006 and in the matter of Investment Plan of RVPN for the year 2014-15.

AND

IN THE MATTER OF:

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
VIDYUT BHAWAN, JANPATH, JAIPUR – 302005.

I Shailendra Agarwal, Chairman & Managing Director, RVPN, Jaipur hereby authorize Shri Murari Lal Gupta S/o Late Shri R.L. Gupta, Superintending Engineer (NPP&R), RVPN, Jaipur whose signature are attested below to represent RVPN as a petitioner / applicant in the above matter.

Sd/-
(M.L. Gupta)
Superintending Engineer (NPP&R)

Sd/-
(Shailendra Agarwal)
Chairman & Managing Director
RVPN, Jaipur

Signature attested

Sd/-
(Shailendra Agarwal)

BEFORE THE RAJASTHAN ELECTRICITY REGULATORY COMMISSION

Filing No. RERC-

Case No. _____

IN THE MATTER OF

Petition under Section 04 of the RERC (Investment Approval) Regulation 2006 and in the matter of Investment Plan of RVPN for the year 2014-15.

Petitioner	Rajasthan Rajya Vidyut Prasaran Nigam Limited, Vidyut Bhawan, Janpath, Jaipur -302005
Respondents	Jaipur Vidyut Vitran Nigam Limited, Vidyut Bhawan, Janpath, Jaipur -302005
	Ajmer Vidyut Vitran Nigam Limited, Power House, Hathi Bhata, Ajmer
	Jodhpur Vidyut Vitran Nigam Limited, New Power House, Jodhpur
	Rajasthan Vidyut Utpadan Nigam Limited, Vidyut Bhawan, Janpath, Jaipur -302005

BEFORE THE RAJASTHAN ELECTRICITY REGULATORY COMMISSION,
VIDYUT VINIYAMAK BHAWAN, NEAR STATE MOTOR GARAGE,
SAHAKAR MARG, JAIPUR-302001.

FILING NO. _____
Petition No. _____

IN THE MATTER OF:

Petition under Section 04 of the RERC (Investment Approval) Regulation 2006 in the matter of Investment Plan for the year 2014-15.

and

IN THE MATTER OF:

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED, JAIPUR
VIDYUT BHAWAN, JANPATH, JAIPUR

Affidavit verifying the Petition/reply/application

I Murari Lal Gupta S/o Late Shri R.L. Gupta, 56 years, residing at 115 – Heera Nagar, Ajmer Road, Heerapura, Jaipur do solemnly affirm and say as follows;

1. I am Superintending Engineer (NPP&R) of the Rajasthan Rajya Vidyut Prasaran Nigam Ltd., Jaipur and make this affidavit on behalf of RVPN as a petitioner in the above matter and I am duly authorized by the said petitioner to make this petition on its behalf.
2. The statements made in paragraph to the annexed petition are true to my knowledge and statements made are based on the basis of records and information made available and maintained by Finance & Accounts Wing, Project & Planning and Monitoring Wing and T&C Wing and I believe them to be true.

I solemnly affirm, this 30th day of Jan. 2014 that contents of the above affidavit are true to my knowledge and no part of it is false and nothing material has been concealed therefrom.

Sd/-
(M.L. Gupta)
Superintending Engineer (NPP&R)
Raj. Rajya Vidyut Prasaran Nigam Ltd., Jaipur.

INVESTMENT PLAN

For

FY 2014-15

Submitted to

RAJASTHAN ELECTRICITY REGULATORY COMMISSION,
Jaipur

By

Rajasthan Rajya Vidyut Prasaran Nigam Limited
Vidyut Bhawan, Jaipur

JANUARY, 2014

INDEX

1. Background

Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPN), a company incorporated on 19th June 2000 under the Companies Act 1956, has been operating as the Transmission Company in the state of Rajasthan consequent to the unbundling of the Rajasthan State Electricity Board (RSEB) in July 2000. RVPN received the license for transmission and bulk supply on 30th April 2001 from RERC and was discharging its functions as the transmission and bulk supply licensee in the state upto 31.03.2004.

2. The implementation of the Electricity Act, 2003 in Rajasthan has brought about a change in the industry structure in Rajasthan. RVPN is no longer responsible for the purchase of electricity from the generating stations and the sale of Discoms w.e.f. April 1, 2004. The Discoms are directly responsible for purchase of electricity from the generations and have entered into PPAs with generating companies and BPTAs with the transmission companies for the same.

3. The Government of Rajasthan has notified RVPN to be the STU and also be responsible for the operation of Rajasthan SLDC. In addition, RVPN continues to hold the Rajasthan's share in the partnership projects of BBMB, Chambal and Satpura.

4. In exercise of powers conferred on Commission by Section 61 read with Section-181 of the Electricity Act 2003, the Rajasthan Electricity Regulatory Commission, has notified the 'The Rajasthan Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff) Regulations, 2004' on October 15, 2004.

5. The petition for the Investment Plan for F.Y. 2014-15 under Section-04 of RERC (Investment Approval) Regulation, 2006 comprising of duly filled RERC Forms 1 to 6 for the partnership projects, transmission is being submitted for consideration and approval of the Commission.

Prayer

RVPN humbly requests the Honorable Commission to:

Approve Investment Plan for the year 2014-15 alongwith this application.

And pass such other and further orders as are deemed fit and proper in the facts and circumstances of the case.

WRITEUP ON INVESTMENT PROPOSAL FOR THE YEAR 2014-15

1. INTRODUCTION

To follow the Grid Code, Govt. Policies, Electricity Act 2003, and to provide stable and reliable EHV transmission system for the State of Rajasthan with the changing load and Generation scenario in the system, investment by RVPN on capital works is mainly done on following Transmission Schemes :

(i) Power Evacuation Schemes - These schemes are given priority, so that their commissioning matches with the various new generating capacity addition schedules.

(ii) Loss Reduction Schemes - To meet the requirement of DISCOM by way of creation of new 132kV Substation near the load centre of 33 kV network and creation of new 765kV/400kV/220 kV lines and substations to meet growing demand at 132kV & 220 kV substations due to load demand spread over the State and to keep losses within the prescribed limit.

(iii) System Strengthening / Reliability Schemes – Schemes to maintain system stability, minimise restoration time in the event of outage.

(iv) Augmentation – Substation works requiring capacity addition to match corresponding load conditions.

(v) Capacitor installation – These are to meet grid requirement as indicated by NRPC on the basis of system study conducted.

(vi) Purchase of Testing Equipments, Metering schemes, IT/Softwares etc.

(vii) Automation / SCADA solutions.

(viii) RMU of equipments & protection / PLCC schemes etc.

2. INVESTMENT (OUT LAYS & RESOURCES)

Investment on above schemes is generally made from the following:

a. Plan fund.
b. Outside Plan fund

(i) PLAN FUND :-

OUTLAYS:

Outlays for plan fund are approved by the State Govt. The State Government while finalizing the State plan indicates the outlays for all departments including Energy. The Planning Department, Govt. of Raj, conveys the outlays and as per their directions proposals are prepared for outlays allotted for RVPN.

RESOURCES:

The funds for Plan works are mainly arranged from the issue of bonds, loan assistance from PFC, ADB, NABARD, NCRPB, REC and State Govt. Equity etc.

(ii) OUTSIDE PLAN FUND:

OUTLAYS:

When Plan Funds are not sufficient, to achieve targets and to execute schemes as per orders / contracts, funds are also arranged from out side plan by financing the schemes from financial Institutions.

At present no works outside plan are envisaged except Deposit Works for specific job as per request from concerned person / agency / department. These works are taken by RVPN if technically found feasible for which estimated cost is born by concerned person / agency / department.

RESOURCES:

Outside Plan funds (long term loans) whenever required are arranged mainly by posing schemes for financial assistance to Power Finance Corporation, REC, Commercial Banks etc.

Deposit Works are executed with funds of user's contribution.

3. STATUTORY CLEARANCES & COMPLETION PERIOD OF SCHEMES

For Completion of transmission schemes/ construction of lines, allotment of lands, various statutory clearances like Right of way, Forest clearance, PTCC clearance, Railway crossing are required to be obtained from various departments. Considering the time taken for allotment/clearances by various departments, the execution / completion period for 765kV Schemes is about 3-4 years, whereas for 400kV and 220kV schemes it is about 2-3 years depending upon construction of line length involved in the scheme and 132kV schemes are completed in 1-2 years.

4. INVESTMENT DURING 2013-14

As per outlay intimated/ approved by Planning Department, Govt. of Rajasthan an investment of Rs.2550 crore was proposed during 2013-14 by RVPN and accordingly a petition for Investment Plan for 2013-14 was submitted in RERC. RERC vide order dated 11.12.2013 have allowed investment during the year 2013-14 for envisaged transmission Investment Plan up to Rs. 2150.00 crore only and this approval does not include Rs. 20.00 crore sought for Generation (shared projects. Later, the Planning Department, Govt. of Rajasthan vide letter no.F.10 (10) Plan/Gr.V/2013 dt.24.12.2013 have circulated the revised outlays of Rs.2550 crores for Annual Plan 2013-14. Considering the RERC order dt. 11.12.2013, the revised outlay for RVPN has been reduced to Rs.2150 Crores for Investment during 2013-14. The details of investment approved by RERC, Revised outlays/ anticipated expenditure and expenditure upto December 2013 are as under:

(Rs.in crores)

S. No.	Head	Investment approved by RERC (2013-14)	Revised Outlays/ Anticipated expenditure	Expenditure upto December 2013
1	Transmission works	2150.00	2150.00	1133.60
	Total	**2150.00**	**2150.00**	**1133.60**

Besides above a provision of Rs.105.38 crore is proposed against various deposit works during 2013-14.

The Physical Targets of 2013-14 (revised) and achievements up to Dec., 2013 are as under:-

S. No.	Works	Unit	Target 2013-14 (Revised)	Achievement 2013-14 (Up to Dec. 2013)
1	**Transmission :**			
	(i) 765kV Lines	kM.	426	-
	(ii) 400 kV Lines	kM	425	-
	(iv) 400 kV Substations	MVA/Nos	630/2	-
	(v) 220 kV Lines	kM	550	218.291
	(vi) 220 kV Substations	MVA/Nos	920/8	640/3
	(vii) 132 kV Lines	kM	425	321.12
	(viii) 132 kV Substations	MVA/Nos	550/20	424/13
2	**Augmentation :**	MVA	1800	1429
3	**Capacitors**	MVAR	75	81.45

5. INVESTMENT DURING 2014-15 (Proposed)

Outlays / Investment:- Looking to the requirement of transmission system for evacuation of power from forth coming generation projects and expansion of transmission system on the basis of load growth and requirement of distribution companies, various works have been taken up for execution. For all these works RVPN had requested an outlay of Rs.2450 Crores (Rs.2430 crore for transmission works + Rs. 20 crore for Shared Generation Projects) to the State Govt. for 2014-15. The Planning Department, Govt. of Rajasthan vide letter No.F.10(20) Plan / Gr.V/2013 dated 24.12.2013 have intimated the outlays for RVPN as under:

		Rs. in Crores
(i) Proposed outlay 2014-15	-	490.00
(ii).IEBR	-	1960.00
Total	-	**2450.00**

The proposed outlay by RVPN during **2014-**15 will be as under:

(Rs. in crores)

S. No.	Head	Outlay (Tentative)
1	Transmission Works	2430.00
2	Generation (Shared projects)	20.00
	Total	**2450.00**

The above outlay will be utilised for investment mainly for execution of evacuation schemes of forthcoming generation projects (i) Chhabra Super Critical TPS (2x660 MW) and Kalisindh TPS (2x600 MW), (ii) Suratgarh Super critical TPS (2x660 MW) (iii) Kawai Super Critical TPS (2x660 MW) and (iv) Ramgarh Combined Cycle Gas based TPS (Stage-III, 160 MW) (v) New Solar and Wind Power evacuation system in Jaisalmer, Jodhpur, Bikaner, Barmer & Banswara and system strengthening schemes, augmentation works and other allied works.

The work of 400kV and 220kV lines and 765kV, 400kV and 220kV GSSs related to above generation projects are under execution. Works of 765kV GSS at Anta & Phagi are also under execution. Besides above several new works related to forthcoming generation projects / system strengthening schemes are likely to start in 2014-15.

The Regulatory Commission while issuing approval of the Investment Plan for the year 2013-14 vide its order dt. 11.12.2013 has not examined the investment for the shared generating projects with the mention that the same would fall in the purview of the CERC. Accordingly, in the present Investment Plan of RVPN for the year 2014-15, Rs. 20.00 crore for Shared Generation Projects has not been included. Thus, RVPN's Investment Plan for transmission works during 2014-15 would be of Rs. 2430.00crore; however Rs. 20 crore investments would be made for shared generating projects for which appropriate action shall be taken as per Commission's directions.

Resources:- The details of tentative resources for financing the above investment of Rs. 2450 crores are as under:

S. No.	Particulars	Amount (Rs.in Crores)
1	Bonds	750.00
2	Asian Development Bank (ADB)	200.00
3	REC	800.00
4	PFC/Commercial Banks/ NCRPB / NABARD/ADB etc.	210.00
5	State Govt. Equity	490.00
Total		**2450.00**

TRANSMISSION

PHYSICAL TARGETS

Under transmission works the following physical targets are proposed to be undertaken during 2014-15 -:

S. No.	Works	Unit	Target 2014-15 (Proposed)
i.	Transmission:		
	-765 kV Substations	MVA	3000
	-765 kV Substations	Nos.	2
	- 400 kV Lines	MVA	750
	- 400 kV Substations	Nos.	1260
	- 400 kV Substations	ckMs.	1
	- 220 kV Lines	MVA	750
	- 220 kV Substations	Nos.	920
	- 220kV Substations	ckMs.	8
	- 132 kV Lines	MVA	425
	- 132 kV Substations	Nos.	575
	- 132 kV Substations		20
ii	Augmentation	MVA	1500
iii	Capacitor Banks	MVAR	150

6. JUSTIFICATION OF SCHEMES UNDER EXECUTION

For strengthening of Transmission network as per requirement of load growth, requirement of distribution companies and for evacuation of power from forthcoming generation projects, the transmission schemes are identified for execution from time to time. These schemes are prepared / identified as per load flow studies and guidelines of RERC and approved from BoD of RVPN. The evacuation schemes are prepared on the basis of N-1 criteria of CEA for providing reliable evacuation to the maximum generation. The financial analysis is also done where ever applicable and results of the same (i.e. Net Present Value) are indicated in the coloumn no 6 & 7 of Form No.2 of Investment Plan. Detailed Project Reports of these EHV schemes (costing more than Rs. 10 Crores) incorporating the Load Flow Study, Justification etc. is being regularly being sent to the Regulatory Commission in reference to the clause no. 3(1) of Investment Approval Regulations 2006. Brief description/ justification of each scheme are shown in the Form No. 2 under the remarks column.

7. SUB-CATEGORY WISE ANNUAL PLAN EXPENSES DURING 2014-15: -

With reference to the Investment Approval Regulation 2006 Clause No. 9.E(b), the capital expenditure proposed in financial year 2014-15 under various categories are as under :-

S. No.	Schemes	Investment/ Provision	% of Total Investment of Rs.2430 crore for Transmission	Ceiling limit of outlay
1	Evacuation Schemes and Strategic Importance Schemes	126735	52.15	60%
2	Schemes based on cost benefit Analysis	56100	23.09	60%
3	On-going schemes and carried over liabilities	22050	9.07	10%
4	Capacitors installation	1000	0.41	5%

8. APPROVAL FROM TRANSMISSION SYSTEM PLANNING AND COORDINATION COMMITTEE (TSPCC): -

As per guidelines of RERC, the transmission schemes are to be approved from the Technical Committee. Accordingly, after approval of EHV transmission schemes from BoD of RVPN the schemes are submitted before Transmission System Planning and Coordination Committee for approval from time to time. All the EHV schemes included in the proposed Investment Plan 2014-15 of RVPN are approved by TSPCC.

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Form-2

RAJ. RAJYA VIDYUT PRASARAN NIGAM LTD.

Investment Proposals for the Financial Year 2014-15(Proposed)

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	**Approved Scheme**												
	1. ON GOING SCHEMES												
I	**765kV 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)	83285.06	2010-11	2014-15	N.A.	N.A.	MVA		3000	9710.79	35000	3700	To evacuate power from Chhabra Super Critical TPS and Kalisindh TPS
2	400/765 kV GSS at Anta(Baran) Pooling Station alongwith 2 sets of 765kV, 3x80 MVAR (single phase) Line Reactors.	50463.53	2010-11	2014-15	N.A.	N.A.	MVA		3000	11149.23	17500	15800	
3	765 kV, 1X S/C Anta- Phagi(Jaipur South) ckt - I	34080.79	2010-11	2013-14	N.A.	N.A.	kM	214		33000.00	1100	-	
4	765 kV, 1 X S/C Phagi(Jaipur South)- Anta ckt -II	34080.79	2010-11	2013-14	N.A.	N.A.	kM	212		32500.00	1100	-	
	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)	16161.12	2010-11	2014-15	N.A.	N.A.	MVA		1500	Incl in I.2	Incl in I.2	Incl in I.2	To evacuate power from Kawai Super Critical TPS
II	**400kV Schemes**												
	Composite Evacuation System [Chhabra Super Critical TPS (2x660MW) and Kalisindh TPS (2x600 MW)]												
1	400/220 kV GSS at Ajmer	12334.01	2010-11	2013-14	N.A.	N.A.	MVA	315	315	6989.17	2600	200	This scheme is primarily formed to evacuate power from Chhabra Super Critical TPS and Kalisindh TPS
2	Terminal 400 kV Bays at existing 400 kV Substation at Heerapura	996.09	2010-11	2013-14	N.A.	N.A.				-			
3	400 kV D/C (Quad Moose) Kalisindh TPS -Anta(Baran) Pooling Station Line (For Kalisingdh TPS)	18948.83	2010-11	2013-14	N.A.	N.A.	kM	159		15842.67	1000	-	
4	400 kV D/C (Quad Moose) Chhabra SCTPS - Anta(Baran) Pooling Station Line (For Chhabra TPS)	24632.16	2010-11	2013-14	N.A.	N.A.	kM	178		17111.67	400	-	
5	400 kV D/C (Twin Moose) Phagi (Jaipur 765 kV)-Ajmer Line	11603.74	2010-11	2014-15	N.A.	N.A.	kM		213	854.60	2500	3500	
6	400 kV D/C Phagi (Jaipur) - Heerapura line	3716.19	2010-11	2014-15	N.A.	N.A.	kM		89	3450.25			
	Power Evacuation of Banswara Super Critical TPS												
7	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. (Under normal development)	14790.96	2011-12	2015-16	N.A.	N.A.	MVA			-	1000	5000	This scheme is primarily formed to evacuate Power from Banswara Super Critical TPS . Jodhpur (New) & Chittorgarh GSS alongwith its associated lines are essentially required as per system studies. Decided to advance its construction
8	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. (Under normal development)	13834.05	2010-11	2013-14	N.A.	N.A.	MVA	315	315	6534.17	600	200	
9	Terminal 400 kV Bays at existing 400kV Substation Bhilwara	2440.86	2010-11	2013-14	N.A.	N.A.				981.01			
	400kV Interconnecting Lines (Banswara Evacuation) :												

	(Physical & Financial Targets & Achievment)												
													(Rs. In Lacs)
S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
10	400 kV D/C Chittorgarh-Bhilwara (Twin Moose) Line (Under normal development)	4644.14	2011-12	2014-15	N.A.	N.A.	kM		100	-	1000	1500	
11	400 kV D/C Bhilwara-Ajmer (Twin Moose) Line	13923.6	2012-13	2015-16	N.A.	N.A.	kM			-	1500	4000	
12	LILO of 400kV Jodhpur -Merta line at 400 kV GSS Jodhpur(New)	3716.19	2012-13	2015-16	N.A.	N.A.	kM			-	400	2000	
	Power Evacuation Scheme of Suratgarh Super Critical TPS												
13	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.	14388.31	2010-11	2014-15	N.A.	N.A.	MVA		630	8912.84	1600	500	This scheme is primarily formed to evacuate power from Suratgarh TPS
14	Terminal 400 kV Bays at existing 400 kV Substation Bikaner (with 400kV, 1x50 MVAR Shunt Line Reactor at Bikaner end of 400kV S/C Bikaner-Merta line.)	2760.19	2011-12	2013-14	N.A.	N.A.				114.93	400	100	
15	Terminal 400 kV Bay at existing 400 kV Substation Mertacity with 400kV, 1x50 MVAR Shunt Line Reactor at Merta end of 400kV S/C Bikaner-Merta line.	1387.99	2011-12	2013-14	N.A.	N.A.				-			
16	**400kV Interconnecting Lines (Suratgarh Super Critical TPS Evacuation) :**												
17	400 kV D/C Suratgarh TPS- Babai (Jhunjhunu)(Quad Moose) Line	43576.58	2010-11	2015-16	N.A.	N.A.				18537.57	9000	8000	
18	400 kV S/C Bikaner- Merta (Twin Moose) Line	11899.74	2011-12	2014-15	N.A.	N.A.	kM		172	1670.05	3800	4000	
	Evacuation system for Kawai Super Critical TPS (2x660MW)												
19	(i) 400 kV D/C (Quad Moose) Kawai SCTPS-765/400 kV Anta (Baran) line	14944.75	2010-11	2013-14	N.A.	N.A.	kM	101		4145.02	400	-	This scheme is prilimnarily formed to evacuate power from Kawai Super Critical TPS
	(ii) 3 nos. 400 kV bays at 765/400 kV Anta(Baran) Pooling Station	Incl. in I.A.5	2011-12	2014-15	N.A.	N.A.				Incl. in I.A.5	Incl. in 765kV Anta	Incl. in 765kV Anta	
	Transmission System for New Solar and Wind Power Plants in Jaisalmer, Barmer & Jodhpur Districts												
20	400/220 kV, 3 X 500 MVA and 220/132kV, 3x160 MVA with 132/33kV, 2x40/50 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 D/C Ramgarh-Bhadla line	30820.43	2011-12	2015-16	N.A.	N.A.				15176.6	2000	7200	This scheme is formed to evacuate power from new solar and wind power plants in Jaisalmer, Barmer, Jodhpur Districts.
21	400/220 kV, 3 X 315 MVA and 220/132kV, 3x160 MVA with 132/33kV, 2x40/50 MVA Pooling Sub-Station GSS at Bhadla (Jodhpur) alongwith 400kV, 1x125 MVAR Shunt Reactor (Bus type) and 4x50 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 line	33616.41	2011-12	2015-16	N.A.	N.A.				6062	1900	7000	
22	Augmentation of 400kV GSS Akal by installation of 400/220 kV, 1 X500 MVA Transformer alongwith 400kV, 1x125 MVAR Bus Reactor and 400kV, 2x50 MVAR Shunt Reactor (line type) for proposed 400kV Akal-Jodhpur (New) line. **(ADB TR-1)**	8832.48	2011-12	2015-16	N.A.	N.A.					300	2500	
23	Augmentation of 400kV GSS Jodhpur (New)												

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	(i) 2x50 MVAR, 400kV Shunt Reactor (line type) at 400kV GSS Jodhpur (New) for 400kV D/C Akal-Jodhpur(New) line	3701.39	2011-12	12th Plan	N.A.	N.A.		-	-	-	Incl in 400 kV GSS Jodhpur (New)	Incl in 400 kV GSS Jodhpur (New)	
	(ii) 400kV bays at Jodhpur (New) for LILO of one ckt. of 400kV D/C Raj West LTPS-Jodhpur line.		2011-12	12th Plan	N.A.	N.A.		-	-	-			
24	Augmentation at 400kV GSS Barmer									-			
	(i) 1x125 MVAR, 400kV Shunt Reactor (Bus type) at 400kV GSS Barmer	3177.51	2011-12	2015-16	N.A.	N.A.		-		-	100	400	
	(ii) 400kV bays for 400kV D/C Barmer-Bhinmal (PG) line		2011-12	2015-16	N.A.	N.A.		-					
25	Augmentation at 400kV GSS Bikaner												
	(i) 1x125 MVAR, 400kV Bus Reactor at 400kV GSS Bikaner GSS	4968.21	2011-12	2015-16	N.A.	N.A.		-	-	-	200	1300	
	(ii) 400kV Bays for 400kV D/C Bhadla-Bikaner line and 400kV D/C Bikaner-Sikar (PGCIL) line at Bikaner end of the lines		2011-12	2015-16	N.A.	N.A.		-	-				
26	400kV Interconnecting Lines (New Solar & Wind Plants) :							-	-				
	(i) 400 kV D/C Ramgarh(Jaisalmer)-Akal (Jaisalmer) line (Twin Moose)	9931.72	2012-13	2015-16	N.A.	N.A.		-	-	418.77	500	6000	
	(ii) 400 kV D/C Ramgarh-Bhadla line (Twin Moose)	17873.13	2012-13	2015-16	N.A.	N.A.		-	-	-	2000	5000	
	(iii) 400 kV D/C Bhadla-Bikaner line (Quad Moose)	42589.27	2012-13	2014-15	N.A.	N.A.	kM	-	360	-	7000	10000	
	(iv) 400 kV D/C line from 400/220kV Pooling Station Bhadla to LILO point at 400kV S/C Jodhpur-Merta line (Twin Moose)	15887.78	2012-13	2015-16	N.A.	N.A.		-	-	-	800	6000	
	(v) 400 kV D/C Barmer-Bhinmal (PGCIL) line (Twin Moose)	13902.43	2012-13	2015-16	N.A.	N.A.		-	-	-	100	500	
	(vi) LILO of one circuit of 400kV D/C Raj West-Jodhpur line at 400kV GSS Jodhpur (New) (Twin Moose)	4968.34	2012-13	2015-16	N.A.	N.A.		-	-	-	600	2500	
27	**Inter- connect RVPN's 765/400 kV Anta GSS to PGCIL's 400/220 kV Kota GSS**												
	(i) LILO of 2nd circuit of 400 kV D/C Chhabra TPS-Dahra section at 765/400 kV Anta GSS	92.65	2012-13	2014-15	N.A.	N.A.	kM	-	2	-	500	200	This scheme is primarily formed to evacuate power from Chhabra Super Critical TPS and Kalisindh TPS.
	(ii) 400kV bay equipments work at 765/400kV Anta GSS	1811.54	2012-13	2014-15	N.A.	N.A.							
	(iii) 400 kV S/C line extension from 765/400 kV Anta GSS to PGCIL's 400/220 kV Kota GSS	2686.80	2012-13	2014-15	N.A.	N.A.	kM	-	45				
28	**400 kV GSS Deedwana (RVPN Scope)**												
	(i) 1 No. 400kV bay at 400kV GSS Bikaner (For termination of 400kV S/C Bikaner - Deedwana line at Bikaner end)	1849.58	2011-12	2014-15	N.A.	N.A.					50	200	The provide stability to evacuation system of STPS and avoid overloading of lines (System Strengtheing)
	(ii) 1 No. 400kV bay at 400kV GSS Ajmer (For termination of 400kV S/C Ajmer - Deedwana line at Ajmer end)		2011-12	2014-15	N.A.	N.A.							

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
29	**400 kV GSS Alwar (RVPN Scope)**												
	(i) 1 No. 400kV bay at 400kV GSS Hindaun (For termination of 400kV S/C Hindaun - Alwar line at Hindaun end)	1346.62	2011-12	2014-15	N.A.	N.A.					100	200	System Strengtheing Scheme to provide stability to evacuation system of Chahbra TPS and to meet load growth in NCR region
III	**220kV SCHEMES**												
	Normal development works												
1	**Jaipur City EHV network strengthening scheme-1**												
(a)	220/132kV, 2x160 MVA capacity GIS Substation at Mansarovar (Jaipur) alongwith associated lines and allied works												
i.	220 kV GIS Substation at existing 132 kV Substation at **Mansarovar** (Jaipur)	7476.20	2010-11	17.8.13	NA	NA	MVA	320	-	9596.81	200	100	System Strengtheing Scheme to reduce transmission lossess (101.41 LU) and for meeting the increasing load of Jaipur city
ii.	Up-gradation of existing 132 kV D/C Line to 220 kV D/C Lines Between 220 kV Sanganer to 220 kV Mansarovar	723.52	2010-11	17.813	NA	NA	kM	2	-				
iii.	2 Nos. 220 kV Terminal Bays at 220 kV Substation at Sanganer	236.83	2010-11	2013-14	NA	NA							
iv.	(a) 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 Point. **(LILO of Sanganer- Heerapura line for Mansarovar)**	4387.28	2010-11	31.5.12/ 12.9.13	NA	NA	kM	7	-				
	(b) 220 kV XLPE Cable S/C from Tapping Point.		2010-11	17.8.13/ 12.9.13	NA	NA	kM	5	-				
v.	1 Nos. 220 kV Terminal Bays at 400 or 220 kV Substation at Heerapura	118.41	2010-11	2013-14	NA	NA							
vi.	132 kV Terminal Bay at existing 132 kV Substation at Chambal	59.54	2010-11	2013-14	NA	NA							
(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, Jaipur .	6933.93	2010-11	2013-14	NA	NA	MVA	360	-	4275.11	700	200	
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 House	854.81	2010-11	2013-14	NA	NA	kM	10	-	-			
iii.	2 Nos. 220 kV Terminal Bays at 400 kV Heerapura/ 220 kV Substation at Heerapura	236.83	2010-11	2013-14	NA	NA				-			
(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-Dhani to 132 kV Purana Ghat	789.51	2010-11	2014-15	NA	NA	kM		14	-	200	300	
	Power Evacuation System of Ramgarh GTPS (Stage-III) :												
2	(i) 220 kV D/C Ramgarh GTPP- Chandan line	4327.54	2010-11	2013-14	NA	NA	kM	210	-	4075.52	2000	500	This scheme is formed to evacuate powr from Ramgarh GTPS Stage-III
	(ii) 220 kV D/C Chandan - Dechu line	4327.54		2014-15	NA	NA	kM		210				
	Normal development works												

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
3	LILO of 220 kV Debari - Banswara line for 220 kV Madri with 220 kV GSS at Madri (Udaipur)	3412.72	2008-09	2013-14	-914.59	-1260.78	kM/MVA	33/100	-	1905.74	100	-	
4	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 Neemrana- Kotputli line **(116.822 ckM commissioned in 2012-13)**	2004.65	2010-11	15.7.13	NA	NA	kM	8	-	1229.48	500	-	System strengthening
5	220 kV GSS at **Bundi** (New location) (Distt. Bundi)	3143.42	2010-11	6.11.12	-1546.17	-2153.32		-	-	624.66	200	-	System Strengtheing & Load Catering scheme to reduce transmission lossess (10.97 LU) and to reduce the overlaoding of nearby lines.
6	220 kV GSS at **Gajner** (New location) (Distt. Bikaner)	3430.74	2010-11	22.1.13	-1693.73	-2227.11		-	-	2003.69	200	-	System Strengtheing & Load Catering scheme to reduce transmission lossess (10.97 LU) and to reduce the overlaoding of nearby lines.
7	(i) 220 kV GSS at Manoharpur (Upgradation) (Distt. Jaipur)	2758.31	2010-11	2013-14	-205.79	165.77	MVA	100	-	4161.37	800	100	System Strengtheing & Load Catering scheme to reduce transmission lossess (132.82 LU).To reduce the overloading and create ring main system.
	(ii) 220 kV D/C Kotputli-Manoharpur line	2001.28	2010-11	2013-14	-205.79	165.77	kM	102	-				
8	(i) 220 GSS at Gangapurcity (New location) (Distt. Sawai Madhopur)	3610.37	2010-11	2013-14	-444.25	-145	MVA	100	-	-	1000	200	System Strengtheing & Load Catering scheme.Reduction in transmission lossess (140.76 LU) , to reduce over loading and create ring main system.
	(ii) 220 kV D/C Hindaun (400 kV GSS) - Gangapurcity line	1668.10	2010-11	2013-14	-444.25	-145	kM	108	-				
9	220/132kV GSS at **Nadbai** (Upgradation) (Distt. Bhartpur)	2107.49	2011-12	25.11.12	9.2	232.09		-	-	736.79	200	-	Loss Reduction & System Strengthening Scheme .Reduction in transmission lossess (63.58 LU) and to provide redundancy to cater load growth in nearby area.
10	(i) 220/132kV GSS at Tehandesar (Upgradation) (Distt. Churu)	2246.70	2011-12	2013-14	313.7	830.79	MVA	100	-	1482.28	1000	200	Loss Reduction & System Strengthening Scheme. Reduction in transmission lossess (112.02 LU) and to cater load growth and form ring system to enhance the reliability of power supply in nearby area.
	(ii) 220 kV S/C Sujangarh-Tehandesar line.	996.79	2011-12	2013-14			kM	33	-				
11	(i) 220/132kV GSS at Badnu (Upgradation) (Distt. Bikaner)	2388.21	2011-12	2013-14	591.11	1351.92	MVA	100		1636.63	1500	200	
	(ii) LILO of existing 220 kV Ratangarh(400kV)-Bikaner(220kV) line at 220 kV GSS Badnu.	1001.74	2011-12	2013-14			kM	42					
	(iii) 220kV S/C Tehandesar -Badnu line	797.87	2011-12	2013-14			kM	33					
12	(i) 220/132kV, 1x100 MVA GSS at **Sikrai** (Upgradation) (Distt. Dausa)	1976.41	2010-11	16.10.12	907.93	1689.07	MVA			1046.54	200	-	Loss Reduction & System Strengthening Scheme .Reduction in transmission lossess (116.56 LU) and to create redundancy and meetout future load growth.

	(Physical & Financial Targets & Achievment)												
												(Rs. In Lacs)	
S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value 5th year	Net Present Value 10th year	Physical Target Unit kM/MVA	Physical Target for previous year 2013-14 (Working target/Achievement)	Physical Target During the year 2014-15 (Target) working	Expenditure / Provision (in lacs of upto previous year start Expend. (01.04.13)	Expenditure / Provision (in lacs of During Previous year 2013-14 Budget Provision (Revised)	Expenditure / Provision (in lacs of During year 2014-15 (budget provision)	Remarks and (Justification of the Scheme)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
13	220/132kV GSS at **Hamirgarh (UPG) (**Distt. Bhilwara)	2335.92	2011-12	31.3.13	-1443.4	-2079.2	MVA			1361.51	200	-	Loss Reduction & System Strengthening Scheme . Reduction in transmission lossess (74.17 LU) and to cater load of Hamirgarh Industrial Area
14	(i) 220/132kV GSS at Lalsot (Distt. Dausa)	2430.96	2011-12	2013-14	-1339.05	-1826.96	MVA	100		1392.63	1000	200	Loss Reduction & System Strengthening Scheme . Reduction in transmission lossess (33.20 LU) . To reduce loading on 132kV lines and meeting future load growth in the area.
	(ii) 1 No bay at 132kV GSS Toonga		2011-12										
	(iii) 1 No bay at 220kV GSS Bhadoti		2011-12										
	(iv) LILO of 220 kV S/C Dausa-Anta line at 220 kV GSS Lalsot	342.65	2011-12	13.11.13			kM	21					
15	(i) 220 kV S/C Sirohi- Pindwara line	736.38	2011-12	2013-14	1.72	72.03	kM	25		-	300	400	Loss Reduction & System Strengthening Scheme forrming 220kV ring system in and around Pindwara, thereby reducing transmission losses (22.71 LU).
	(ii) 1 no.bays at 220kV GSS Sirohi		2011-12										
	(iii) 1 no.bays at 220kV GSS Pindwara		2011-12										
16	(i) 220kV GSS at Bamantukda (Distt. Rajsamand)	3273.50	2011-12	2013-14	-1309.27	-1751.61	MVA			545.41	1600	200	Loss Reduction(43.90 LUs) & System Strengthening Scheme. To reduce overloading and meeting future load growth in the area.
	(ii) LILO of existing 220 kV S/C Bhilwara (400 kV GSS)-Bali line at 220 kV GSS Bamantukda	242.06	2011-12	2013-14			kM/MVA			-			
	(iii) LILO of existing 220 kV S/C Kankroli (220 kV GSS)-Bali line at 220 kV GSS Bamantukda	173.53	2011-12	6.9.13			kM/MVA			-			
	Composite Power Evacuation System [Chhabra Super Critical TPS(2x660MW) and Kalisindh TPS (2x600 MW)]						kM/MVA						
17	LILO 220kV Ajmer-Beawar Line at 400kV Ajmer GSS	408.5	2010-11	2013-14	NA	NA	kM/MVA			350.50	350	-	This scheme is primarily formed to evacuate power from Chhabra Super Critical TPS and Kalisindh TPS
18	LILO 220kV Ajmer-Kishangarh Line at 400kV Ajmer GSS	408.5	2010-11	2013-14	NA	NA	kM	7		151.60			
	Power Evacuation System of Banswara Super Critical TPS (2x660 MW)												
19	220kV Interconnecting Lines at Udaipur:												
	(i) LILO of Amberi(Prop 220 kV GSS)-Debari line at proposed 400 kV GSS Udaipur.	2043.68	2012-13	2015-16	NA	NA				-	200	300	This scheme is primarily formed to evacuate Power from Banswara Super Critical TPS
	(ii) LILO of Chittorgarh-Debari line at proposed 400 kV GSS Udaipur.		2012-13	2015-16	NA	NA							
20	220kV Interconnecting Lines at Chhitorgarh :												
	(i) 220 kV D/C from 400kV Chittorgarh to 220kV GSS Sawa	2043.68	2011-12	2013-14	NA	NA	kM	50		377.36	1000	200	
	(ii) LILO of 220kV S/C Chittorgarh - Debari line at 400kV GSS Chittorgarh		2011-12	24.7.13	NA	NA	kM	3					
	(iii) 2 No 220kV bays at 220kV GSS Sawa			2013-14	NA	NA							

	(Physical & Financial Targets & Achievment)												
													(Rs. In Lacs)
S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21	220kV Interconnecting Lines at 400kV GSS Jodhpur (New) :												
	(i) 220 kV LILO of existing 220 kV GSS Jodhpur (220kV GSS) - Pali line at 400kV Jodhpur (New)	2043.68	2012-13	2015-16	NA	NA				-	500	1000	
	(ii) 220 kV D/C Jodhpur (New) - Jhalamand (U/C 220 Kv GSS)		2012-13	2015-16	NA	NA							
	(iii) 220 kV D/C Jodhpur (New) - Barli (U/C 220 Kv GSS)		2012-13	2015-16	NA	NA							
22	220 kV D/C Banswara TPS- Banswara (220 kV GSS) Line	409.62	2012-13	12th plan	NA	NA				-	-	-	
	Power Evacuation System of Suratgarh Super Critical TPS												
	220kV Interconnecting Lines :												
23	220 kV Interconnections at 400/ 220 kV GSS Babai(Jhunjhunu)												
	(i) LILO of existing 220 kV S/C Khetri-Reengus line at 400kV GSS Babai (Jhunjhunu)	40.85	2010-11	31.10.13	NA	NA	kM	2		34.25	40	-	This scheme is primarily formed to evacuate power from Suratgarh TPS
	(ii) LILO of existing 220 kV S/C Khetri-Heerapura line at 400kV GSS Babai (Jhunjhunu)		2010-11	2013-14	NA	NA	kM	7					
24	220 kV Terminal Bays at various 400/220 kV Substations (6 No.)	1078.12	2011-12	2013-14	NA	NA				966.72	100	-	
25	220 kV Interconnections at 400/ 220 kV GSS at Jaipur (North)												
	(i) LILO of 220 kV S/C VKIA- Kukas at 400kV GSS jaipur (North)	2453.3	2012-13	2015-16	NA	NA				-	500	1000	
	(ii) 220 kV D/C line from 400kV GSS jaipur (North) to GSS Manoharpur				NA	NA							
	(iii) 2 No. bays at 220kV GSS Manoharpur.				NA	NA							
26	**JAIPUR CITY EHV NETWORK STRENTHENING SCHEME-III [JENSS-III]**												
(a.)	220 kV GSS at Sitapura (New) and associated lines.												
	(i) 220 kV Substation at Sitapura (Jaipur)	2769.07	2011-12	2014-15	NA	NA	MVA		160	160	1500	2000	To reduce transmission lossess (136.60 LU) and to meet increasing load of Jaipur City (System Strengtheing,Load Catering)
	(ii) Up-gradation of existing 132 kV S/C Line to 220 kV D/C Lines Between 220 kV Sanganer to 220 kV Sitapura.	704.72	2011-12	2013-14	NA	NA	kM	21					
	(iii) 1 No. 220 kV Terminal Bays at 220 kV Substation at Sanganer	118.37	2011-12	2014-15	NA	NA							
	(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 (Charged on 132 kV)	741.72	2011-12	2014-15	NA	NA	kM		18				
	(v) 2 Nos. 132kV Terminal Bays at 132 kV S/S Sitapura.	123.50	2011-12	2014-15	NA	NA							
	(vi) 220 kV D/C Interconnection between 220 kV Sitapura (Proposed) and 132 kV Sitapura (Existing) [Charged on 132 kV]	85.73	2011-12	2014-15	NA	NA	kM		1				
	(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 towers	2321.22	2011-12	2014-15	NA	NA	kM		84				
(b.)	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 132 kV) (associated line of 220kV KKD)	1594.08	2011-12	2014-15	NA	NA	kM		40	-	100	250	
(c.)	220 kV S/C XLPE Cable System from 400 kV Heerapura to 220 kV Nala Power House	8554.36	2011-12	2013-14	NA	NA	kM	10		7437.72	300	-	
27	**JODHPUR CITY EHV NETWORK STRENTHENING SCHEME-I [JDENSS-I]**												

	(Physical & Financial Targets & Achievment)												
													(Rs. In Lacs)
S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
(a.)	(i) 220 kV GSS at Barli (Distt. Jodhpur)	5098.42	2011-12	2013-14	NA	NA	MVA	100		2611.59	1500	200	System Strengtheing & Load Catering scheme to reduce transmission lossess (271.69 LU) and for meeting increasing load of Jodhpur City.
	(ii) LILO of 220kV Jodhpur (400kV GSS)-Jodhpur (220kV GSS) interconnector-II at Barli	102.15	2011-12	2013-14	NA	NA	kM	2					
(b.)	(i) 220 kV GSS at Jhalamand (Up-gradation) (Distt. Jodhpur)	4351.64	2011-12	2015-16	NA	NA				31.18	300	400	
	(ii) LILO of 220kV Jodhpur (400kV GSS)-Jodhpur (220kV GSS) interconnector-I at Jhalamand	35.52	2011-12	2015-16	NA	NA							
(c.)	(i) 220 kV GSS at **Bhawad** (Distt. Jodhpur)	4443.18	2010-11	15.3.13	NA	NA				2153.46	700	-	
	(ii) 220kV D/C Jodhpur (400kV GSS)-Karwad/Bhawad-Bhopalgarh line**(Jodhpur - Bhawad section of 78.318ckM has been comm. On dt.29.12.12)**	2534.36	2010-11	2014-15	NA	NA	kM		93				
	(iii) 2 No. bays at 220kV bay at 400kV Soorpora	191.47	2011-12	2013-14	NA	NA							
	(iv) 2 No. bays at 220kV bay at 400kV Bhopalgarh	191.47	2011-12	2013-14	NA	NA							
	(iii) 1 No. bays at 132kV bay at Mathania	61.79		2013-14	NA	NA							
(d.)	(i) 220 GSS at Bhadwasia (Distt. Jodhpur)	4132.92	2011-12	2014-15	NA	NA	MVA		100	-	1400	2000	
	(ii) 220kV D/C Jodhpur (400kV GSS)-Bhadwasia line (on Narrow base towers with one ckt. on 220kV & other on 132kV)	915.3	2011-12	2014-15	NA	NA	kM		22				
	(iii) 2 No. bays at 400kV Soorpora	191.47	2011-12		NA	NA							
(e.)	Strengthning scheme of existing 132kV Chopasani Housing Board (CHB) GSS		2011-12		NA	NA							
	(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)	969.47	2011-12	2014-15	NA	NA	kM		24	-	300	500	
28	(i) 220 GSS at Kuchera (New location) (Distt. Nagaur)	3145.95	2011-12	2015-16	-1123.85	-1480.25				2.483	650	1000	System Strengtheing & Load Catering scheme .Reduction in transmission lossess (32.92 LU) and to reduce over loading of nearby 220kV GSS.
	(ii) LILO of 220 kV Nagaur - Merta line at proposed 220 kV GSS Kuchera	400.56	2011-12	2015-16	-1123.85	-1480.25							
29	Stringing of IInd circuit of 220kV D/C Banswara-Debari line from Debari to Salumber (scheme with 220kV Aspur)	755.30	2010-11	2013-14	-1033.77	-1232.58	kM	65		650.13	200	-	System Strengtheing & Load Catering scheme .Reduction in transmission lossess 67.33 LU) and to reduce overlaoding and meet future load growth
	Transmission System for New Solar and Wind Power Plants in Jaisalmer, Barmer & Jodhpur Districts												
30	(i) 220/132kV GSS at **Bap** (Distt. Jodhpur)	6583.53	2010-11	19.8.13	NA	NA	MVA	160		2202.24	1500	200	This scheme is formed to evacuate power from new solar and wind power plants
	(ii) LILO of 220kV Barsingsar LTPS-Phalodi line at at Bap	955.14	2010-11	20.8.13	NA	NA	kM	51					
	(iii) 220kV D/C Bap-Bhadla line	3438.51	2010-11	2013-14	NA	NA	kM	104					

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
31	(i) 220/132kV GSS at Kanasar (Distt. Jodhpur)	6450.30	2011-12	2015-16	NA	NA				-	600	800	
	(ii) 220kV D/C Bhadla - Kanasar line	955.14	2011-12	2015-16	NA	NA							
	Normal Development Works												
32	(i) 220/132kV GSS at Mandalgarh(New) (Distt. Bhilwara) (TK)	3105.93	2011-12	2014-15	-1092.94	-1420.78	MVA		100	540.37	1000	1500	Loss Reduction & System Strengthening Scheme .Reduction in transmission lossess (37.46 LU) and to increase redundancy of nearby GSS to meet additional load growth .
	(ii) LILO of 220kV Kota (PG) -Bhilwara line at proposed 220 kV GSS Mandalgarh	601.93	2011-12	2014-15			kM		36				
33	(i) 220/132kV GSS at Chonkarwada (Distt. Bharatpur) (TK)	3277.35	2011-12	2015-16	-1902.6	-2503.72				359.39	400	1500	Loss Reduction & System Strengthening Scheme .Reduction in transmission lossess (56.39 LU) and to reduce over loading of nearby lines.
	(ii) 220 kV D/C Hindaun (400kV GSS)-Chonkarwada line	1886.79	2011-12	2015-16									
	(iii) LILO of 220kV S/C Mandawar-Nadbai-Bharatpur line at 220kV Chonkarwada	105.00	2011-12	2015-16									
	(iv) 2 No. 220kV bays at 400kV GSS Hindaun	181.16	2011-12	2015-16									
	(v) 2 No. 132kV bays at GSS Bhusawar	119.40	2011-12	2015-16									
	(vi) 2 No. 132kV bays at GSS Mahuwa	119.40	2011-12	2015-16									
34	(i) 220/132kV GSS at Baithwasia (Distt. Jodhpur)	3294.64	2011-12	2014-15	1762.49	3428.84	MVA		100	1295.48	1000	1800	To reduce transmission lossess (269.80 LU) and reduce loading on lines
	(ii) 220kV D/C Bhawad-Baithwasia line	1372.81	2011-12	2014-15			kM	66					
	(iii) 2 No. 220kV bays at 220kV GSS Bhawad	181.16	2011-12	2014-15									
	(iv) 2 No. 132kV bays at Osian	119.39	2011-12	2014-15									
	(v) 1 No. 132kV bays at Matoda	59.70	2011-12	2014-15									
35	(i) 220/132kV GSS at Behror (Distt. Alwar)(TK)	3377.74	2011-12	2015-16	-1724.81	-2393.72				2313.09	400	1000	Loss Reduction & System Strengthening Scheme .Reduction in transmission lossess (15.14 LU) and to
	(ii) LILO of one circuit of 220 kV D/C Neemrana-Kotputli line at proposed 220kV GSS Behror	344.85	2011-12	2015-16									
36	(i) 220/132kV GSS at Bansur (Distt. Alwar)(TK)	3041.24	2011-12	2015-16	-960.56	-1214.79				254	400	1000	Loss Reduction & System Strengthening Scheme .Reduction in transmission lossess (42.76 LU) and to reduce loading on transformers of nearby 220kV GSS and meetout anticipated load growth in NCR.
	(ii) LILO of 220 kV S/C Alwar-Kotputli line at proposed 220 kV GSS at Bansur	70.73	2011-12	2014-15			kM		4				
37	220 kV interconnections at 400/220 kV GSS at Neemrana(PG)		2011-12										Loss Reduction & System Strengthening Scheme to provide connectivity with the regional system.
	(i) 220 kV D/C line from PGCIL's 400/220 kV Neemrana (PG) to Behror(proposed 220 kV GSS)	764.63	2011-12	2014-15	NA	NA	kM		56	9.65	500	300	
	(ii) 2 No bays at Behror	181.16	2011-12	2014-15	NA	NA							
38	220 kV interconnections at 400/220 kV GSS at Kotputli (PG)		2011-12										
	(i) LILO of one circuit of approved 220 kV D/C Kotputli-Manoharpur line at PGCIL's 400/220 kV Kotputli(PG)	246.35	2011-12	2014-15	NA	NA	kM		12	-	150	-	
	(ii) 220 kV D/C line from PGCIL's 400/220 kV Kotputli(PG) to Bansur (TK)	764.63	2011-12	2014-15	NA	NA	kM		82		750	-	
	(iii) 2 No bays at Bansur	181.16	2011-12	2014-15	NA	NA							

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achieve ment)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
39	(i) 220/132kV GSS at Amberi (Distt. Udaipur) (TK)	4391.47	2011-12	2014-15	-734.04	-832.3	MVA		100	0.38	1000	1500	Load Reduction,System Strengthening scheme.To reduce transmission lossess (60.55 LU) and loading on 220kV Debari and Madri GSS. Thereby meeting future load of Udaipur City
	(ii) LILO of 220 kV S/C Kankroli(PG)-Debari line at proposed 220 kV GSS Amberi		2011-12	2014-15			kM		30				
40	(i) 220/132kV GSS at Danta Ramgarh (Distt. Sikar)	2199.65	2011-12	2013-14	-1343.66	-1834.76	MVA	100		251.36	1500	300	Loss Reduction & System Strengthening Scheme. Reduction in transmission lossess (32.92 LU) and to relieve loading nearby 132kV line and meet out future load growth in
	(ii) 1 Nos bay at 220kV GSS Renwal	90.58	2011-12	2013-14									
	(iii) 1 Nos bay at 220kV GSS Dhod	90.58	2011-12	2013-14									
	(iv) 220 kV S/C Renwal-Danta Ramgarh line	564.06	2011-12	2013-14			kM	28					
	(v) 220 kV S/C Dhod -Danta Ramgarh line	705.07	2011-12	2013-14			kM	35					
41	**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	Incl in 400kV Scheme	2011-12	2014-15	NA	NA	kM		80	8.95	400	500	The provide stability to evacuation system of STPS and avoid overloading of lines (System Strengtheing)
	(ii) 2 No. 220 kV bay at 220kV GSS Sujangarh (For termination of 220kV D/C Sujangarh - Deedwana line at Sujangarh end)		2011-12		NA	NA							
42	**Interconnections for 400 kV GSS Alwar (RVPN Scope)**												System Strengtheing Scheme to provide stability to evacuation system of Chahbra TPS and to meet load growth in NCR region
	(i) LILO of existing 220 kV S/C Dausa-Alwar line at proposed 400 kV GSS Alwar	191.90	2011-12	2013-14	NA	NA	kM	10		138.56	200	-	
	(ii) LILO of 220 kV S/C Mandawar - Alwar (MIA) line at proposed 400 kV Alwar GSS	19.99	2011-12		NA	NA	kM	1					
43	**400 kV GSS Nawalgarh (RVPN Scope)**												
	(i) 1 No. 220 kV bay at 220kV GSS Sikar(400kV GSS PGCIL) (For termination of 220kV S/C Sikar (400kVGSS PGCIL) - Nawalgarh line at Sikar end). This bay will be provided by PGCIL	Incl in 400kV Scheme	2011-12	2014-15	NA	NA				100.00	400	600	System Strengthening Scheme to reduce transmission losses 82.10 LU, strengthen 220kV and 132kV transmission system to increase liability
	(ii) 1 No. 220 kV bay at 220kV GSS Jhunjhunu (For termination of 220kV S/C Nawalgarh - Jhunjhunu line at Jhunjhunu end)		2011-12		NA	NA							
44	**Jaipur City EHV Network Strengthening Scheme-IV (Phase-I)**												
(a)	(i) 220 kV GIS Substation at Chambal (Jaipur)	10859.74	2011-12	2015-16	NA	NA				-	100	800	Loss Reduction & System Strengthening Scheme . Reduction in transmission losses (136.60 LU) in Jaipur & to create 220kV inner ring system in Jaipur city, thereby increasing reliability of supply.
	(ii) 2 Nos. 220 kV Terminal Bays at 400/ 220 kV Substation at Heerpaura	231.51	2011-12	2015-16	NA	NA							
	(iii) 1 No. 220 kV Terminal GIS Bay at 220 kV Substation at Mansarovar	471.44	2011-12	2015-16	NA	NA							
	(iv) 220 kV D/C Cable System between 400 kV Heerapura and 220 kV Chambal	8681.82	2011-12	2015-16	NA	NA							
	(v) 220 kV S/C Cable System between 220 kV Mansarovar and 220 kV Chambal	3177.88	2011-12	2015-16	NA	NA							
(b)	(i) 220/132kV,1x160MVA &220/33kV ,1X50MVA GIS Substation at PWD Bungalow (Jaipur)	4795.95	2011-12	2015-16	NA	NA				-			
	(ii) 1 No. 220 kV Terminal Bay at 220 kV Substation at VKIA	114.22	2011-12	2015-16	NA	NA							
	(iii) 220 kV S/C Cable System between 220 kV Chambal and 220 kV PWD Bungalow	3761.12	2011-12	2015-16	NA	NA							
	(iv) 220 kV S/C Cable System between 220 kV VKIA and 220 kV PWD Bungalow	9163.47	2011-12	2015-16	NA	NA							

	(Physical & Financial Targets & Achievment)												
													(Rs. In Lacs)
S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Supplementary Transmission System for Power Evacuation Scheme of Solar Power Projects in Jaisalmer, Barmer, Jodhpur and Bikaner Districts												
45	(i) 220/132 KV, 1x160 MVA and 132/33kV, 1x20/25 MVA GSS at Badisid (near Bap) (Jodhpur Distt.)	4953.69	2011-12	2014-15	NA	NA	MVA		160	-	700	2000	This scheme is formed to evacuate power from new solar and wind power plants. Provision during 2011-12 is for prelimnery works viz purchase of land, survey etc.
	(ii) 2 Nos. 220kV bays at 220kV GSS Bap	224.14	2011-12	2014-15	NA	NA							
	(iii) LILO of one circuit of 220 KV D/C Bap - Bhadla line at Badisid	698.37	2011-12	2014-15	NA	NA	kM		24				
	(iv) 220 KV D/C Badisid-Aau (Proposed 220 KV GSS) line	2327.91	2011-12	2014-15	NA	NA	kM		100				
46	(i) 220/132 KV, 1x160 MVA and 132/33kV, 1x20/25 MVA GSS at	5087.87	2011-12	2014-15	NA	NA	MVA		160	308.75	700	2000	
	(ii) 2 Nos. 220kV bays at 220kV GSS Baithwasia	224.14	2011-12	2014-15	NA	NA							
	(iii) 220 KV D/C Aau-Baithwasia (U/C 220 KV GSS) line	1862.33	2011-12	2014-15	NA	NA	kM		93				
47	(i) 220/132 KV, 1x160 MVA and 132/33kV, 1x20/25 MVA GSS at PS_1(New location) / Bajju (New location) (Bikaner Distt.):	4921.26	2011-12	2015-16	NA	NA	MVA			-	200	800	
	(ii) 2 Nos. 220kV bays at 400/220kV GSS Bhadla	224.14	2011-12	2015-16	NA	NA							
	(iii) 220 KV D/C PS_1 / Bajju -Bhadla (U/C 400 KV GSS) line	931.16	2011-12	2015-16	NA	NA							
48	(i) 220/132 KV, 1x160 MVA and 132/33kV, 1x20/25 MVA GSS at Ramdev Nagar (Phalodi)(Jodhpur Distt.):	4696.80	2011-12	2015-16	NA	NA	MVA			-	200	800	
	(ii) LILO of one circuit of U/C 220 KV D/C Dechu-Phalodi line at proposed 220 KV GSS Ramdev Nagar	232.79	2011-12	2015-16	NA	NA							
49	(i) 220/132 KV, 1x160 MVA and 132/33kV, 1x20/25 MVA GSS at Chatrail (Distt. Jaisalmer)	4741.94	2011-12	2015-16	NA	NA	MVA			-	200	800	
	(ii) 2 Nos. 220kV bays at 220kV GSS Ramgarh (400kV GSS)	224.14	2011-12	2015-16	NA	NA							
	(iii) 220 KV D/C Chatrail-Ramgarh (U/C 400 KV GSS) line	2793.49	2011-12	2015-16	NA	NA							
50	(i) 220/132 KV, 1x160 MVA and 132/33kV, 1x20/25 MVA GSS at Pokran (New loc.)(Jaisalmer Distt.):	5133.01	2011-12	2015-16	NA	NA	MVA			-	200	800	
	(ii) LILO of both circuits of U/C 220 KV D/C Ramgarh GTPP – Dechu line at Pokaran	465.58	2011-12	2015-16	NA	NA							
51	(i) 220/132 KV, 1x160 MVA and 132/33kV, 1x20/25 MVA GSS at Kolayat (New loc.)(Bikaner Distt.):	4921.26	2011-12	2015-16	NA	NA	MVA			68.26	200	800	
	(ii) 2 Nos. 220kV bays at 220kV GSS Gajner	224.14	2011-12	2015-16	NA	NA							
	(iii) 220 KV D/C Gajner (U/C 220 KV GSS)-Kolayat line	698.37	2011-12	2015-16	NA	NA							
52	LILO of both circuits of 220kV D/C Ramgarh GTPS- Dechu line at 400kV Ramgarh (1kM D/C each for both circuits	34.21	2011-12	2013-14	NA	NA	kM	1		-	34	-	
53	Optical Fibre Cable System for 220kV & 132kV Schemes already approved under Main Transmission System for New Solar & Wind Power Plants & Smart Grid Applications.				NA	NA							
	(i) 220kV Transmission Lines already approved under Main Transmission System for Solar & Wind Power Plants (Total Route length 140kM)	902.54	2011-12	2014-15	NA	NA	kM		140	-	100	4000	
	(ii) Software Development for Integration/Innovation, Smart Grid Applications etc.	128.93	2011-12		NA	NA							

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Power Evacuation System for Proposed Wind Project in Banswara and Pratapgarh area.												
54	(i) 220kV Switching Station at Banswara	2575.74	2011-12	2014-15	NA	NA				-	400	1500	Loss Reduction & System Strengthening Scheme is primarily fromed to evacuate power from Proposed Wind Project in Banswara and Pratapgarh area.
	(ii) 2 Nos bays at 220kV GSS Banswara	181.16	2011-12	2014-15	NA	NA							
	(iii) 220 kV D/C line between 220 kV Switching Station at Banswara & 220 kV GSS Banswara	343.53	2011-12	2014-15	NA	NA	kM		20				
	(iv) Termination of approved 220 kV D/C Banswara SCTPS-Banswara (220 kV GSS) line at 220 kV Switching Station Banswara.	-	2011-12	2014-15	NA	NA							
55	(i) 220/132kV,1x100MVA GSS at Pratapgarh (Up-gradatation)	2635.20	2011-12	2014-15	NA	NA	MVA		100	-	1000	3700	
	(ii) 2 Nos bays at 220kV GSS Chittorgarh		2011-12	2014-15	NA	NA							
	(iii) 2 Nos bays at 220kV GSS Nimbahera		2011-12	2014-15	NA	NA							
	(iv) 220 kV D/C Banswara(switching station)-Pratapgarh line	2398.56	2011-12	2014-15	NA	NA	kM		140				
	(v) 220 kV D/C Pratapgarh-Chittorgarh (400 kV GSS) line with one circuit via 220 kV GSS Nimbhahera	4111.82	2011-12	2014-15	NA	NA	kM		240				
56	(i) 220/132kV, 2x160 MVA GSS at NPH Jodhpur (Up-gradation)	3213.46	2012-13	2014-15	NA	NA	MVA		160	-	1000	1600	To strengthen Jodhpur city EHV network and reduce loading on 132kV lines
	(ii) 220 kV D/C 1000 SQ. MM XLPE Cable between Jodhpur(220 kV GSS) & proposed 220 kV GSS NPH	7110.06	2012-13	2014-15	NA	NA	kM		12		3500	1000	
	(iii) 2 Nos. 220kV bays at 220kV GSS Jodhpur	227.22	2012-13	2014-15	NA	NA							
57	(i) 220/132kV, 1x100 MVA GSS at Sayla (Distt. Jalore)	3417.40	2012-13	2014-15	-2054.81	-2593.65	MVA		100	141.34	1000	4000	Loss Reduction & Load Catering Scheme to help in reducing transmission losses (99.14 LUs).To meetout the future load , reduce loading on 132kV lines,to evacuate Rajasthan's share of power from PGCIL's Bhimal GSS
	(ii) 1 No. 220kV extension bay at 220kV GSS Jalore	92.14	2012-13	2014-15									
	(iii) 220 kV D/C Bhinmal(400 kV GSS-PG)-Sayla (proposed 220 kV GSS) line	1744.99	2012-13	2014-15			kM		100				
	(iv) 220 kV S/C Jalore -Sayla(proposed 220 kV GSS) line	1129.29	2012-13	2014-15			kM		55				
58	(i) 220/132kV, 1x100 MVA GSS at Jethana (Distt. Ajmer)	3532.99	2012-13	2015-16	-1912.27	-2398.3	MVA			-	200	1300	Loss Reduction & Load Catering Scheme to help in reducing transmission losses (96.87LUs). To reduce loading on 220kV Ajmer & Beawar GSSs to meetout future load growth and to reduce loading on under lying 132kV network
	(ii) 2 Nos. 220kV bays at 400/220kV GSS Ajmer (2x82.24)	184.28	2012-13	2015-16									
	(iii) 1 No. 132kV extension bay at 132kV GSS Saradhana	60.72	2012-13	2015-16									
	(iv) LILO of 220 kV S/C Ras-Merta line at proposed 220 kV GSS Jethana	699.34	2012-13	2015-16			kM						
	(v) 220kV D/C Ajmer (400 kV GSS)-Jethana (proposed 220 kV GSS) line	1222.17	2012-13	2015-16			kM						
59	(i) 220/132kV, 1x160 MVA GSS at Goner (Distt. Jaipur)	4890.26	2012-13	2014-15	-2625.4	-3559.35	MVA		160	-	700	2000	Loss Reduction & Load Catering Scheme to help in reducing transmission losses (53.35 LUs). To reduce loading on 220kV Indira Gandhi nagar GSS, to evacuate Rajasthan's share of power from PGCIL's 400kV GSS at Jaipur(South)
	(ii LILO of one circuit of proposed 220kV D/C Jaipur (South) - Chaksu line at proposed 220kV GSS Goner.	1209.73	2012-13	2014-15			kM		70				

	(Physical & Financial Targets & Achievment)												
													(Rs. In Lacs)
S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
60	(i) 220/132kV, 1x160 MVA GSS at Vatika (Distt. Jaipur)	4641.44	2012-13	2014-15	-2641.01	-3611.98	MVA		160	1037.18	800	2200	Loss Reduction & Load Catering Scheme to help in reducing transmission losses (44.27 LUs). To reduce loading on 220kV Sanganer GSS, to evacuate Rajasthan's share of power from PGCIL's 400kV GSS at Jaipur(South)
	(ii) 220 kV D/C Jaipur (South-PG) - Vatika line.	1036.91	2012-13	2014-15			kM		56				
	(iii) LILO of 220kV S/C KTPS- Sanganer line at proposed 220kV Vatika.	276.51	2012-13	2014-15			kM		11				
61	**Conectivity with PGCIL's under construction 400/220kV GSS Jaipur (South-PG)**												
	(i) 220/132kV, 1x160 MVA GSS at Chaksu (Distt. Jaipur) (Upgradation)	2317.25	2012-13	2013-14	2230.65	4017.15	MVA	160		327.96	1200	300	Loss Reduction & Load Catering Scheme to help in reducing transmission losses (251.25 LUs). To reduce loading on 220kV Sanganer GSS, to evacuate Rajasthan's share of power from PGCIL's 400kV GSS at Jaipur(South)
	(ii) 220 kV D/C Jaipur (South-PG) - Chaksu (Proposed 220kV GSS) line.	345.64	2012-13	2013-14			kM	20					
	(iii) LILO of 220 kV S/C Duni - SEZ (220kV GSS) line at PGCIL's 400/220kV GSS Jaipur (South)	1011.83	2012-13	2013-14			kM	56					
69	(i) 220kV GIS Substation at Banar (Up-gradation) (District-Jodhpur)	5856.50	2012-13	2015-16	NA	NA	MVA			-	400	1100	System strengthening Scheme to help in reducing transmission losses (43.13 LUs). To reduce loading on 132kV GSS.
	(ii) 220 kV D/C line on Narrow Base/conventional towers from Jodhpur(400 kV GSS) to proposed 220 kV GIS sub-station Banar (14kM D/C)	815.68	2012-13	2015-16	NA	NA	kM						
	(iii) 220 kV D/C XLPE Cable for termination of proposed 220 kV D/C Jodhpur(400 kV GSS)-Banar line at proposed 220 kV GIS sub-station Banar(0.5kM D/C)	901.32	2012-13	2015-16	NA	NA	kM						
70	(i) 220/132kV, 1x100 MVA GSS at Laxmangarh (Up-gradation) (Distt. Sikar)	2143.84	2012-13	2014-15	-1142.37	-1458	MVA		100	-	600	1400	System strengthening Scheme to help in reducing transmission losses (50.30 LUs). To reduce loading on 220kV GSS Sikar & Ratangarh..
	(ii) LILO of 220 kV S/C Ratangarh-Reengus line at proposed 220 kV GSS Laxmangarh	140.50	2012-13	2014-15			kM		6				
71	(i) LILO of one ckt. Of under construction 220kV D/C Ramgarh GTPS - Dechu line at 220kV GSS Amarsagar.	926.48	2012-13	2014-15	399	748.11	kM		40	-	200	700	System strengthening Scheme to help in reducing transmission losses (53.74 LUs). To reduce overloading at 220kV line S/S Amarsagar - Phalodi line.
	(ii) 2 No. bays at 220kV GSS Amarsagar.		2012-13	2014-15									
IV	**132kV SCHEMES**												
	Normal Development Schemes												
1	**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)	427.22	2010-11	2013-14	NA	NA	kM	6		-	incl. in 220kV scheme	incl. in 220kV scheme	Justification given in 220kV scheme of Jaipur City EHV network strengthening scheme-1
	(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)	263.8	2010-11	2013-14	NA	NA	kM	7		-	incl. in 220kV scheme	incl. in 220kV scheme	

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Normal Development Schemes												
2	LILO of 132kV VKI - Vaishali Nagar line to New Jhotwara with 132kV GIS S/S at New Jhotwara (Jaipur) (Turnkey)	3973.80	2007-08	2013-14	83.1	191.67	kM/MVA	2/50		3903.02	100	-	Load Catering & Loss Reduction Scheme. Ex VR-8.710%, DL-7.05%, saving-31.05 LU.
3	LILO 132kV Kota-Sangod line at Shivpura with 132kV GSS at Shivpura (Kota)	1261.71	2011-12	2014-15	-103.68	-111.09	kM/MVA		1/25	-	100	500	Load Catering & Load Reduction Scheme. Ex VR-12.71%, DL-4.47%, saving-18.32 LU.
4	Extension of Existing 132 kV S/C VKIA - Pratap Steel line upto 220 kV GSS VKIA	43.84	2008-09	2013-14	NA	NA	kM	4		-	10	-	Load Catering &Loss Reduction Scheme. Inter connection for 220kV GSS VKIA.
5	132 kV D/C line from 220 kV SEZ-I to 132 kV SEZ-I with 132 kV GSS at SEZ-I	1175.82	2011-12	2014-15	-882.38	-1236.78	kM/MVA		4/25	-	100	500	Load Catering Scheme to meeet the load of Mahindra SEZ.
6	132kV S/C Madri-Dakan Kotda (Transport Nagar) line with 132kV GSS at Dakan Kotda (Transport Nagar), Udaipur	1200.79	2008-09	2013-14	-278.26	373.66	kM/MVA	6/25		466.44	650	100	Load Catering Scheme. Ex VR- 05.40 %, DL-06.53 % Saving-16.27 LU .
7	LILO 132kV Jodhpur-Baori line for 132 kV Jhalamand with 132kV GSS at Jalamand (Jodhpur)	1078.83	2008-09	2014-15	308.23	569.70	kM/MVA		4/25	31.66	200	650	Load Catering & Loss Reduction Scheme. Ex VR-11.9 %, DL-9.30% Saving-52.239 LU.
8	132kV S/C Buhana-Mahpalwas with 132 kV GSS at Mahpalwas (Jhunjhunu) (Line- Turnkey)	1423.7	2008-09	2014-15	-186.48	-209.78	kM/MVA		16/25	290.623	300	650	Load Catering & Loss Reduction Scheme. Ex VR- 18.90 %, DL-21.26 Saving-29.89 LU.
9	LILO 132kV Alwar-Mandawar line for 132 kV Pinan with 132 kV GSS **Pinan** (Alwar) (Line comm. on 2.4.11)	1181.9	2008-09	26.9.12	74.20	197.06				879.62	100	-	Load Catering & Loss Reduction Scheme. Ex VR- 16.20 %, DL-12.96 Saving-39.27 LU .
10	132kV S/C Baseri -Sarmathura line with 132 kV GSS at **Sarmathura** (Dholpur)	1587.07	2008-09	31.8.12	36.31	161.95				724.15	100	-	Voltage Regulation & Load Reduction Scheme . Ex VR- 33.33 %, DL-23.99 Saving-48.42 LU.
	Normal Development Works												
11	Pushkar Road- MDS University section (Balance section of 132kV Saradhna-Pushkar Road- MDS University)	213.64	2009-10	12.4.13	-321.01	413.89	kM	12		200.63	50	-	Load Catering &Loss Reduction Scheme. Ex VR- 7.9 %, DL-12.78 % Saving-26.11 LU.
11	LILO of 132 kV Kishangarh Bas-Khushkhera line with 132 kV GSS at **PUR, Kotkasim**(Alwar)	1725.59	2009-10	1.4.13	434.38	846.07	kM/MVA	11/25		527.10	700	100	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-34.80 %, DL-35.89 Saving-72.51.
12	LILO of 132 kV Alwar-Bansur line with 132 kV GSS at Vijay Mandir, Alwar City(Alwar)	1426.49	2009-10	2014-15	-176.38	-168.53	kM/MVA		3/25	166.29	650	650	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-13.40 %, DL-6.19 Saving-28.41 Lu.
13	132 kV S/C Shri Mahaveerji GSS-Nangal Sherpur line with 132 kV GSS at **Nangal Sherpur** (Karauli)	1642.71	2009-10	22.2.13	-344.51	-423.27				559.26	200	-	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-15.30%, DL-10.92%, Saving 24.40 LU.
14	LILO of 132kV Heerapura-VKIA-Rampura Dabri line with 132 kV GSS at RIICO, Sarna Doongar (Jaipur)	1401.57	2009-10	2013-14	179.64	406.51	kM/MVA	2/25		733.73	700	-	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-15.70%, DL-11.38%, Saving 48.70 LU.

	(Physical & Financial Targets & Achievment)												
													(Rs. In Lacs)
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					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	132 kV S/C Karauli -Mandrayal line with 132 kV GSS Mandrayal (Karauli)	2006.46	2010-11	2014-15	92.82	315.53	kM/MVA		45/25	123.71	300	900	Voltage Regulation & Loss Reduction Scheme . Ex VR-44.40%, DL-29.24%, Saving 60.04 LU.
16	LILO of 132 kV Jodhpur-Bilara line with 132 kV GSS at SEZ, Kaparda (Jodhpur)	1476.34	2010-11	2014-15	-585.32	-827.29	kM/MVA		10/25	-	300	700	Laod Catering Scheme .Ex VR-6.80%, DL-4.38%, Saving 5.69 LU.
17	LILO of 132 kV Padampur-Sri Ganganagar line with 132 kV GSS at Telewala (Sri Ganganagar)	1501.27	2009-10	2014-15	433.18	825.67	kM/MVA		12/25	1.02	250	750	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-17.80%, DL-9.65%, Saving 66.34 LU.
18	LILO of Sawa-Sata line with 132 kV GSS at **Sedwa (**Barmer) Line comm.26.9.12	1401.57	2009-10	6.4.13	1264.55	2165.06	MVA	25		491.84	250	-	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-28.20%, DL-11.31%, Saving 112.58 LU.
19	132 kV Padroo-Junameetha Khera-Sindhari line with 132 kV GSS at **Junameetha Khera** (Barmer) (Line commissioned on 23.7.12 & 15.8.12)	2117.09	2009-10	2.3.13	71.77	290.52				453.20	100	-	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-20.50%, DL-14.60%, Saving 61.81 LU .
20	132 kV S/C Sanchore (220kVGSS) - Paladar line with 132 kV GSS at **Paladar** (Jalore)	1569.96	2009-10	23.8.13	74.28	249.57	kM/MVA	17/25		915.75	400	-	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-16.20%, DL-9.23%, Saving 47.08 LU.
21	132 kV S/C Sri Karanpur - Kaminpura line with 132 kV GSS at **Kaminpura** (Sri Ganganagar) Line comm. 7.8.12	1715.46	2009-10	30.12.12	267.57	574.85				942.18	100	-	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-19.60%, DL-9.02%, Saving 62.42 LU.
22	LILO of 132 kV Beawar-Nasirabad line with 132 kV GSS at Kharwa (Ajmer)	1476.34	2009-10	2014-15	-372.4	-482.16	kM/MVA		10/25	26.73	200	900	Voltage Regulation & Loss Reduction Scheme .Ex VR-17.30%, DL-14.39%, Saving 18.23 LU.
23	132 kV S/C Kankroli (220kV) -Sapol line with 132 kV GSS at **Sapol** (Rajsamand)	1686.36	2009-10	14.2.13	-585.49	-810.29				1014.75	100	-	Voltage Regulation & Laod Catering Scheme .Ex VR-14.40%, DL-13.45%, Saving 11.39 LU.
24	LILO of 132 kV Banswara-Sagwara line with 132 kV GSS at **Partapur**(Banswara) Line comm. In 2011-12	1625.89	2009-10	5.12.12	-79.57	4.8				549.63	50	-	Voltage Regulation, Laod Catering & Load Reduction Scheme . Ex VR-22.80%, DL-20.62%, Saving 39.54 LU.
25	132 kV S/C Mavli - Sanwad line with 132 kV GSS at **Sanwad** (Udaipur)	1642.71	2009-10	7.6.13	-433.31	-567.21	kM/MVA	'17/25		571.2	490	100	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-13.60%, DL-12.67%, Saving 19.17 LU.
26	132 kV S/C Shri Madhopur - Thoi line with 132 kV GSS at **Thoi** (Sikar)	1657.26	2009-10	3.9.12	-294.36	-340.78				1102.05	50	-	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-17.50%, DL-15.55%, Saving 27.74 LU.
27	LILO of 132 kV Bhilwara-Hamirgarh line with 132 kV GSS at **RIICO, Bhilwara** (Bhilwara) Line comm.2011-12	1576.04	2009-10	30.6.12	-593.05	-831.61				602.8	50	-	Laod Catering & Loss Reduction Scheme .Ex VR-2.80%, DL-4.23%, Saving 7.95 LU .
28	132 kV S/C Beegod- Kachola line with 132 kV GSS at **Kachola** (Bhilwara)	1642.71	2009-10	17.1.13	-205.7	-198.26				1084.77	100	-	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-21.90%, DL-17.70%, Saving 32.57 LU.

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

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					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
29	132 kV S/C Ajoliya-ka-khera-Bassi line with 132 kV GSS at **Bassi** (Chittorgarh)	1613.61	2009-10	27.7.13	244.77	529.51	kM/MVA	18/25		814.61	400	100	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-26.60%, DL-32.04%, Saving 58.30 LU .
	JAIPUR CITY EHV NETWORK STRENTHENING SCHEME-III [JENSS-III]												Justification given in 220kV scheme of Jaipur City EHV Network Strengthening Scheme-III
30	(i) 132 kV GIS Substation at MNIT (Jaipur)	3751.11	2010-11	2013-14	NA	NA	MVA	50		1841.87	800	100	
	(ii) 132 kV S/C Cable system between 220 kV IGN and 132 kV MNIT	4442.67	2010-11	2013-14			kM	8		1110.35			
	JODHPUR CITY EHV NETWORK STRENTHENING SCHEME-I [JDENSS-I]												
31	Lines associated with 220 kV GSS Barli.												Justification given in 220kV scheme of Jodhpur City EHV Network Strengthening Scheme-I
	(i) LILO of existing 132 kV S/C Jodhpur-PS8 line at Barli	42.20	2010-11	2013-14	NA	NA	kM	4		0.02	400	-	
	(ii) LILO of existing 132 kV CHB-Soorsagar line at Barli	144.97	2010-11	2013-14	NA	NA	kM	14		109.28			
	(iii) LILO of existing 132 kV S/C Tinwari-Soorsagar line at 400kV GSS Jodhpur.	514.91	2010-11	2013-14	NA	NA	kM	50		333.50			
32	LILO of existing 132 kV S/C Jodhpur(220kV GSS)- Bilara line at Jhalamand	103.86	2010-11	2014-15	NA	NA			10	35.42	-	100	
33	132 kV S/C Karwad/Bhawad-Mathania line	184.00	2010-11	2013-14	NA	NA	kM	15		180.58	100	-	
34	(i) 132 kV GIS Substation at Engineering College	3947.07	2010-11	2013-14	NA	NA	kM/MVA		50	2411.9	2000	800	
	(ii) 132 kV S/C Cable system between 132 kV OPH and 132 kV Engineering College	1925.10	2010-11	2013-14	NA	NA	kM		4				
	(iii) 132 kV D/C Cable system between 132 kV NPH and 132 kV Engineering College	3938.30	2010-11	2013-14	NA	NA	kM		9				
35	132 kV Hybrid GIS Substation at **Kuri Bhagtasani**	3405.61	2010-11	31.10.12	NA	NA				2993.63	200	-	
36	(i)132 kV Hybrid GIS Substation at Pratap Nagar	3394.61	2010-11	2013-14	NA	NA	kM/MVA	50		2794.54	300	100	
	(ii)132 kV D/C Cable system between 132 kV CHB and 132 kV Pratap Nagar (Proposed)	3965.82	2010-11	2013-14	NA	NA	kM	10		2017.96	1000	-	
37	(i) 132 kV GIS Substation at **OPH**	4058.32	2010-11	28.3.13	NA	NA				5659.64	800	-	
	(ii) 132 kV D/C Cable system between 132 kV Banar and 132 kV OPH (Proposed)	4570.60	2010-11	15.3.13	NA	NA							
	(iii) 3 No. Terminal 132 kV Hybrid GIS Bays at 132 kV GSS Banar	819.20	2010-11	2013-14	NA	NA							
38	Strengthning scheme of existing 132kV Chopasani Housing Board (CHB) GSS												
	(i) 132 kV D/C Cable system for LILO of existing 132 kV S/C PS8-Jodhpur Line at CHB	3585.80	2010-11	2013-14	NA	NA	kM	10		953.59	500	-	
	(ii) 132 kV Terminal Hybrid GIS Bays (4 Incomer/ Outgoing & 1 Bus Coupler)	1338.28	2010-11	2013-14	NA	NA	kM/MVA						
	(iii) 132 kV S/C Line along Bypass Road, to interconnect 132kV lines emanating from 220kV Jodhpur GSS towards Pali and PS-8	36.78	2010-11	2013-14	NA	NA	kM	3					

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

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					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Works associated with 220kV GRID-SUBSTATIONS		2010-11				kM/MVA						
39	LILO of existing 132 kV S/C Pugal Road-Gajner (PS-4) line at proposed 220 kV GSS Gajner.	206.62	2010-11	5.4.13	Incl. in 220kV Scheme	Incl. in 220kV Scheme	kM	34		236.89	100	-	Justification given in 220kV scheme of Gajner
40	132 kV S/C Manoharpur- Shahpura line (Second circuit)	184.00	2010-11	8.7.13	Incl. in 220kV Scheme	Incl. in 220kV Scheme	kM	13		158.04	200	-	Justification given in 220kV scheme of Manoharpur
41	132 kV S/C Gangapurcity (220 kV GSS)- Shrimahavir ji line	427.85	2010-11	2013-14	Incl. in 220kV Scheme	Incl. in 220kV Scheme	kM	33		-	100	-	Justification given in 220kV scheme of Gangapurcity
42	(i) LILO of existing 132 kV Merta-Kuchera line at proposed 220 kV GSS Kuchera	62.76	2011-12	2015-16	Incl. in 220kV Scheme	Incl. in 220kV Scheme				36.85	incl. in 220kV scheme	incl. in 220kV scheme	Justification given in 220kV scheme of Kuchera
	(ii) LILO of existing 132 kV Kuchera - Sanjoo line at proposed 220 kV GSS Kuchera	21.64	2011-12	2015-16									
43	LILO of existing 132 kV Salumber - Sagwara line at 220 kV GSS Aspur	206.62	2010-11	2013-14	Incl. in 220kV Scheme	Incl. in 220kV Scheme	kM	24		148.25	100	-	Justification given in 220kV scheme of Aspur
	Transmission System for New Solar and Wind Power Plants in Jaisalmer, Barmer & Jodhpur Districts												
44	Up-gradation of **PS No. 2** to 132kV Grid Substation with 132/33kV, 2x20/25 MVA Transformers with associated 132kV line	1993.12	2011-12	9.3.13	NA	NA				190.9	100	-	This scheme is formed to evacuate power from new solar and wind power plants
45	Up-gradation of **PS No. 3** to 132kV Grid Substation with 132/33kV, 1x25 MVA,1X50MVA Transformers	2110.39	2011-12	11.1.13	NA	NA				177.58	100	-	
46	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	718.88	2011-12	2013-14	NA	NA				0.61	300	-	
47	Up-gradation of **PS No. 4** to 132kV Grid Substation with 132/33kV, 2x20/25 MVA Transformers	1993.12	2011-12	9.1.13	NA	NA				156.27	100	-	
48	(i) 132 kV S/C PS2 - Kanasar (To be erected on D/C towers)	199.82	2011-12	2015-16	NA	NA				38.6	incl. in 220kV scheme	incl. in 220kV scheme	
	(ii) 132 kV D/C PS3 - Kanasar line	231.54	2011-12	2015-16	NA	NA				31.44			
	Normal Development Works												
49	(i) LILO of existing 132 kV S/C Mandalgarh- Begun line at proposed 220 kV GSS Mandalgarh	11.38	2011-12	2014-15	NA	NA	kM		1	-	incl. in 220kV scheme	incl. in 220kV scheme	Justification given in 220kV scheme of Mandalgarh
	(ii) LILO of existing 132 kV Bijolia-Beegod line at proposed 220 kV GSS Mandalgarh	11.38	2011-12	2014-15	NA	NA	kM		1	-			
50	(i) 132kV D/C line from proposed 220kV Chonkarwada to 132kV GSS Bhusawar	303.42	2011-12	2015-16	Incl.in 220kV Chonkarwada	Incl.in 220kV Chonkarwada				-	incl. in 220kV scheme	incl. in 220kV scheme	Justification given in 220kV scheme of Chhokarwada
	(ii) 132kV D/C line from proposed 220kV Chonkarwada to proposed 132kV GSS Mahuwa	543.20	2011-12	2015-16						-			

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
51	132 kV S/C Tehandesar-Parewara line	183.99	2011-12	2013-14	incl. in 220kV Tehandesar	incl. in 220kV Tehandesar	kM	15		-	100	-	Justification given in 220kV scheme of Tehandesar
	Work associated with 220kV GSS												
52	(i) 132kV D/C Baithwasia-Osian line	313.85	2011-12	2014-15	incl.in 220kV Baithwasia	incl.in 220kV Baithwasia	kM		30	1.11	200	400	Justification given in 220kV scheme of Baithwasia
	(ii) 132kV S/C Baithwasia-Matora line	368.20	2011-12	2014-15			kM		30	276.61			
53	(i) LILO of 132kV S/C Behror-Jakhrana line at proposed 220kV GSS Behror	73.72	2011-12	2015-16	incl.in 220kV Behror	incl.in 220kV Behror				-	incl.in 220kV Behror	incl.in 220kV Behror	Justification given in 220kV scheme of Behror
	(ii) LILO of 132kV S/C Keshwana-Behror line at proposed 220kV GSS Behror	209.60	2011-12	2015-16						-			
	(iii) 132kV S/C Jakhrana-Mandan line	398.03	2011-12	2015-16						-			
54	(i) LILO of 132 kV S/C Kotputli-Bansur line at proposed 220 kV GSS Bansur	42.80	2011-12	2015-16	incl.in 220kV Bansur	incl.in 220kV Bansur				-	incl.in 220kV Bansur	incl.in 220kV Bansur	Justification given in 220kV scheme of Bansur
	(ii) 132 kV S/C Bansur(Proposed 220 kV GSS)-Mundawar line	429.39	2011-12	2015-16						-			
55	(i) 132 kV S/C from proposed 220 kV GSS Lalsot to existing 132 kV GSS Toonga	367.10	2011-12	2013-14	incl. in 220kV scheme	incl. in 220kV scheme	kM	30		154.45	500	-	Justification given in 220kV scheme of Lalsot
	(ii) 132 kV S/C from proposed 220 kV GSS Lalsot to existing 132 kV GSS Bhadoti	611.84	2011-12	2013-14			kM	50		131.53			
56	(i) LILO of 132 kV S/C Debari-Sukher line at proposed 220 kV GSS Amberi	105.35	2011-12	2014-15	incl. in 220kV scheme	incl. in 220kV scheme	kM		10	-	Incl in 220kV Amberi	Incl in 220kV Amberi	Justification given in 220kV scheme of Amberi
	(ii) LILO of 132 kV S/C Sukher-Seesarma line at proposed 220 kV GSS Amberi	105.35	2011-12	2014-15			kM		10	-			
57	(i) LILO of existing 132 kV S/C Mokhampura –Amet line at proposed 220 kV GSS Bamantukda	105.35	2011-12	2013-14	incl. in 220kV scheme	incl. in 220kV scheme	kM	10		-	Incl in 220kV Bamantukda	-	Justification given in 220kV scheme of Bamantukda
	(ii) LILO of under construction 132 kV S/C Kankroli(220 kV GSS)–Sapol line at 220 kV GSS Bamantukda	147.05	2011-12	2013-14			kM	14		-		-	
58	LILO of 132 kV Asind-Beawer line with 132kV GSS at **Partappura** (Disst. Bhilwara)	1572.35	2011-12	28.12.12	-120.68	-66.55				581.78	100	-	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-19.60%, DL-14.23%, Saving 35.65 LU.
59	132 kV S/C Gangapur- Raipur line with 132kV GSS at **Raipur** (Disst. Bhilwara)	1630.54	2011-12	22.4.13	223.32	496.15	kM/MVA	23/25		703.21	400	100	Voltage Regulation & Loss Reduction Scheme . Ex VR-31.00%, DL-36.61%, Saving 57.50 LU.
60	132 kV S/C Dhod- Dayalpura line with 132kV GSS at **Dayalpura** (Disst. Nagaur)	1667.12	2011-12	24.7.13	-597	-830.57	kM/MVA	30/25		498.06	500	100	Voltage Regulation & Laod Catering. Ex VR-15.50%, DL-11.54%, Saving 10.19 LU.
61	LILO of 132 kV Reodar-Aburoad line with 132kV GSS at **RIICO Growth Centre, Aburoad** (Disst. Sirohi)	1366.83	2011-12	6.4.13	1153.86	1962.77	kM/MVA	1/25		757.08	200	100	Voltage Regulation & Loss Reduction Scheme .Ex VR-27.80%, DL-17.31%, Saving 105.12 LU .

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

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					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
62	LILO of 132 kV Badnu-Jasrasar line with 132kV GSS at **Lalamdesar Bada (** Disst. Bikaner)	1387.38	2011-12	3.4.13	578.29	1051.52	kM/MVA	6/25		585.51	200	100	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-17.50%, DL-12.57%, Saving 71.79 LU.
63	LILO of 132 kV Napasar-Badnu line with 132kV GSS at Moondsar (Disst. Bikaner)	1366.83	2011-12	2013-14	428.61	807.2	kM/MVA	4/25		411.05	750	100	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-16.90%, DL-10.54%, Saving 62.42 LU.
64	LILO of 132 kV Sangod-Kawai line with 132kV GSS at **Bapawar** (Disst. Kota)	1387.38	2011-12	5.11.12	-17.26	86.18				581.8	100	-	Voltage Regulation, Laod Catering & Loss Reduction Scheme . Ex VR-20.60%, DL-15.00%, Saving 36.72 LU.
65	LILO of 132 kV Mandawa-Bandikui line with 132kV GSS at **Dhigaria Bhim** (Disst. Dausa)	1434.41	2011-12	23.2.13	-340.44	-437.67				924.24	150	-	Laod Catering & Loss Reduction Scheme .Ex VR-10.80%, DL-7.17%, Saving 17.69 LU .
66	(i) 132kV GSS at Sultanpur(Kota) (TK)	1190.48	2011-12	2013-14	736.17	1343.15	MVA	25		472.43	600	100	Laod Catering & Loss Reduction Scheme .Ex VR-45.20%, DL-43.79%, Saving 86.85LU.
	(ii) 132kV S/C Dahara-Sultanpur line (TK)	343.73	2011-12	2013-14			kM	28					
	(iii) 1 No. Bay at 132kV GSS at Dahra	59.70	2011-12	2013-14									
67	(i) 132kV GSS at Mangrol (Baran)	1190.48	2011-12	2013-14	-392.8	-484.53	MVA	25		239.42	600	100	Laod Catering Scheme . Ex VR-15.50%, DL-11.83%, Saving 21.04 LU.
	(ii) 132kV S/C Baran-Mangrol line	368.2	2011-12	2013-14			kM	30					
	(iii) 1 No. Bay at 132kV GSS at Baran	59.70	2011-12	2013-14									
68	(i) 132kV GSS at Khetusar (Jodhpur)	1190.48	2011-12	2013-14	436.77	877.41	MVA	25		-	600	100	Laod Catering & Loss Reduction Scheme . Ex VR-20.30%, DL-16.72%, Saving 74.90 LU.
	(ii) 132kV S/C Bap-Khetusar line	551.75	2011-12	2013-14			kM	45		-			
	(iii) 1 No. Bay at 132kV GSS at Bap	59.70	2011-12	2013-14						-			
69	(i) 132kV GSS at Hatundi(Jodhpur)	1190.48	2011-12	2013-14	826.93	1486.81	MVA	25		-	600	100	Laod Catering & Loss Reduction Scheme . Ex VR-17.10%, DL-12.63%, Saving 91.19 LU.
	(ii) 132kV S/C Soyla-Hatundi line	307.02	2011-12	2013-14			kM	25		-			
	(iii) 1 No. Bay at 132kV GSS at Soyla	59.70	2011-12	2013-14						-			
70	(i) 132kV GSS at Kirmarsariya(Jodhpur)	1190.48	2011-12	2013-14	438.63	857.41	MVA	25		-	600	100	Laod Catering & Loss Reduction Scheme . Ex VR-17.20%, DL-14.73%, Saving 68.33 LU.
	(ii) 132kV S/C Tinwari-Kirmarsariya line	307.02	2011-12	2013-14			kM	25		-			
	(iii) 1 No. Bay at 132kV GSS at Tinwari	59.70	2011-12	2013-14						-			
71	(i) 132kV GSS at Anandpur Kaloo (Pali)	1190.48	2011-12	2013-14	1175.78	2043.07	MVA	25		-	600	100	Laod Catering & Loss Reduction Scheme . Ex VR-17.90%, DL-16.89%, Saving 109.05 LU.
	(ii) 132kV S/C Jaitaran-Anandpur Kaloo line	209.12	2011-12	2013-14			kM	17		-			
	(iii) 1 No. Bay at 132kV GSS at Jaitaran	59.70	2011-12	2013-14						-			
72	(i) 132kV GSS at Subhash Nagar, Ajmer(Pali)	1250.18	2011-12	2014-15	-420.92	-563.64	MVA		25	-	300	700	Laod Catering(38.15 MVA)
	(ii) LILO 132kV Ajmer-Saradhna line at Subhash Nagar, Ajmer	11.53	2011-12	2014-15			kM		1	-			
73	(i) 132kV GSS at Sawalpura Tanwaran (Sikar)	1190.48	2011-12	2013-14	-363.43	-448.42	MVA		25	281.03	600	100	Laod Catering Scheme .Ex VR-11.90%, DL-8.33%, Saving 19.43 LU.
	(ii) 132kV S/C Ajeetgarh -Sawalpura Tanwaran line	245.83	2011-12	2013-14			kM		20	209.38			
	(iii) 1 No. Bay at 132kV GSS at Ajeetgarh	59.70	2011-12	2013-14						-			
74	**Jaipur City EHV Network Strengthening Scheme-IV (Phase-I)**												
	132kV Interconnection												
	(i) 132 kV Hybrid GIS Bay at Jawahar Nagar (Jaipur)	269.84	2011-12	2013-14	NA	NA				-	800	-	Loss Reduction & System Strengthening Scheme to help in reducing transmission losses (136.60
	(ii) 132 kV S/C Cable system between 132 kV MNIT and 132 kV Substation Jawahar Nagar	2251.67	2011-12	2013-14			kM	6		-			
75	(i) 132kV GSS at Bijaipur (Chittorgarh)	1190.48	2011-12	2013-14	-650.2	-890.2	MVA	25		-	750	100	Loss Reduction & System Strengthening Scheme. Ex VR-13.10%, DL-10.18%, Saving 15.15 LU.
	(ii) 1 No. 132kV bay at 220kV GSS Nimbahera	59.70	2011-12	2013-14						-			
	(iii) 132 kV S/C Nimbahera - Bijaipur line	584.35	2011-12	2013-14			kM	50		-			
76	(i) 132kV GSS at Kushalgarh (Banswara)	1190.48	2011-12	2013-14	367.09	764.47	MVA	25		142.99	750	100	Loss Reduction & System Strengthening Scheme. Ex VR-45.90%, DL-40.20%, Saving 76.93 LU.
	(ii) 1 No. 132kV bay at 132kV GSS Bagidora	59.70	2011-12	2013-14									
	(iii) 132 kV S/C Bagidora-Kushalgarh	551.75	2011-12	2013-14			kM	45					

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(Rs. In Lacs)

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					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
77	(i) 132 kV GSS at **Sawar** (Distt.Ajmer)	1271.70	2011-12	30.9.13	-416.87	-518.18	MVA	12.5		199.72	750	100	Voltage Regulation, Laod Catering,
	(ii) LILO of 132kV Kekri-Deoli line	170.79	2011-12	11.4.13			kM	10					Loss Reduction Scheme . Ex VR-
78	(i) 132 kV GSS at Mehara (Distt.Jhunjhunu)	1271.70	2011-12	2013-14	135	369.46	MVA	25		445.66	750	100	Voltage Regulation, Laod Catering,
	(ii) LILO of 132kV Khetri Nagar-Babai line	107.16	2011-12	2013-14			kM	10					Loss Reduction Scheme . Ex VR-
79	(i) 132 kV GSS at Bilwadi (Virat Nagar) (Distt.Jaipur)	1271.70	2011-12	2013-14	-705.21	-976.23	MVA	25		201.51	750	100	Voltage Regulation & Laod Catering
	(ii) LILO of 132kV Paota-Shahpura line	255.63	2011-12	2013-14			kM	24		181.64			Scheme . Ex VR-10.700%, DL-6.16%,
80	(i) 132 kV GSS at at Jatawali (Distt.Jaipur)	1210.97	2011-12	2013-14	-460.31	-590.76	MVA	25		0.11	750	100	Voltage Regulation, Laod Catering,
	(ii) 1 No. 132kV bay at 220kV GSS Chomu	60.72	2011-12	2013-14									Loss Reduction Scheme . Ex VR-
	(iii) 132kV S/C Chomu-Jatawali line from 220kVGSS Choumu	150.49	2011-12	2013-14			kM	12					10.10%, DL-6.89%, Saving 19.30 LU
81	(i) 132 kV GSS at **Maniya** (Distt.Dholpur)	1271.70	2011-12	1.4.13	-539.12	-707.01	MVA	25		611.64	300	10	Voltage Regulation, Laod Catering,
	(ii) LILO of 132kV Dholpur-Rajakhera line	255.63	2011-12	1.4.13			kM	30					Loss Reduction Scheme . Ex VR-
	Interconnections for 400 kV GSS Deedwana (RVPN Scope)												
82	(i) 132 kV D/C interconnecting line between proposed 400 kV Deedwana GSS and existing 132 kV Deedwana GSS	734.64	2012-13	2014-15	NA	NA	kM			-	100	500	System Strengthening Scheme to provide stability to evacuation system of STPS and avoid overloading of lines
	(ii) 2 Nos. bay at 132kV GSS Deedwana		2012-13	2014-15						-			
	Interconnections for 220 kV GSS Nawalgarh (RVPN Scope)												
83	LILO of existing 132 kV S/C Koodan - Nawalgarh line to proposed 220 kV Nawalgarh GSS	283.87	2011-12	2014-15	NA	NA	kM		8	-	200	400	System Strengthening Scheme to reduce transmission losses 82.10 LU, strengthen 220kV and 132kV transmission system to increase liability.
84	(i) 132 kV S/C Nawalgarh(220 kV) - Kumawas line	489.43	2011-12	2014-15	NA	NA	kM		22	-			
	(ii) 1No. 132kV bay at Kumawas.	70.06	2011-12	2014-15	NA	NA							
85	(i) 132 kV S/C Nawalgarh(220 kV) - Gudagorji line	653.58	2011-12	2014-15	NA	NA	kM		34	-			
	(ii) 1No. 132kV bay at Gudagorji	70.06	2011-12	2014-15	NA	NA							
86	(i) 132 kV S/C Nawalgarh(220 kV) - Udaipurwati line	598.86	2011-12	2014-15	NA	NA	kM		30	-			
	(ii) 1No. 132kV bay at Udaipurwati	70.06	2011-12	2014-15	NA	NA							
	Supplementary Transmission System for Power Evacuation Scheme of Solar Power Projects in Jaisalmer, Barmer, Jodhpur and Bikaner Districts(132kV schemes associated with 220kV GSS's)												
87	LILO of existing 132 KV S/C Aau(132 KV GSS)-Phalodi line at proposed 220 KV GSS Aau	154.27	2011-12	2014-15	NA	NA	kM		10	-	66	85	This scheme is formed to evacuate power from new solar and wind power plants
88	LILO of existing 132 KV S/C PS1-Bajju line at proposed 220 KV GSS PS_1 / Bajju	308.54	2011-12	2015-16	NA	NA	kM			-	50	100	
89	LILO of existing 132 KV S/C Chandan-Pokaran line at proposed 220 KV GSS Pokaran	308.54	2011-12	2015-16	NA	NA	kM			-	50	100	
90	LILO of existing 132 KV S/C Kolayat-Bajju line at proposed 220 KV GSS Kolayat	308.54	2011-12	2015-16	NA	NA	kM			-	50	100	
91	Optical Fibre Cable System for 132kV Schemes already approved under Main Transmission System for New Solar & Wind Power Plants (as per Appendix-IIB) & Smart Grid Applications. **(ADB)**		2011-12		NA	NA							
	(i) 132kV Transmission Lines already approved under Main Transmission System for Solar & Wind Power Plants (Total Route length 22kM)	141.83	2011-12	2014-15	NA	NA	kM		22	-	Incl in 220kV scheme	Incl in 220kV scheme	
92	(i) LILO of existing 132 kV S/C Sayla-Daspan line at proposed 220 kV GSS Sayla	255.63	2012-13	2014-15	Incl. in 220kV GSS	Incl. in 220kV	kM		24	32.38	Incl. in 220kV	Incl. in 220kV GSS	Justification given in 220kV scheme of Sayla

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					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	(ii) LILO of existing 132 kV S/C Sayla-Jeewana line at proposed 220 kV GSS Sayla	107.16	2012-13	2014-15	Sayla	GSS Sayla	kM		10	18.31	GSS Sayla	Sayla	
93	(i) LILO of 132 kV S/C Beawar-Mertacity line at proposed 220 kV GSS Jethana	319.25	2012-13	2014-15	Incl. in 220kV GSS Jethana	Incl. in 220kV GSS Jethana	kM		30	-	Incl. in 220kV GSS Jethana	Incl. in 220kV GSS Jethana	Justification given in 220kV scheme of Jethana.
	(ii) LILO of 132 kV S/C Beawar-Nasirabad line at proposed 220 kV GSS Jethana	213.21	2012-13	2014-15			kM		20	-			
	(iii) 132 kV S/C line from proposed 220 kV GSS Jethana to 132 kV GSS Saradhana	187.83	2012-13	2014-15			kM		30	-			
94	LILO of 132kV S/C Bassi- Puranaghat line at proposed 220kV GSS Goner.	272.95	2012-13	2014-15	Incl. in 220kV Goner	Incl. in 220kV Goner	kM		26	-	Incl. in 220kV Goner	Incl. in 220kV Goner	Justification given in 220kV scheme of Goner
95	LILO of 132kV S/C Balawala- Phagi line at proposed 220kV Vatika.	167.97	2012-13	2014-15	Incl. in 220kV GSS Vatika	Incl. in 220kV GSS Vatika	kM		16	-	Incl. in 220kV GSS Vatika	Incl. in 220kV GSS Vatika	Justification given in 220kV scheme of Vatika
96	(i) 132/33kV, 20/25MVA GSS at Masuda (Ajmer)	1283.11	2012-13	2013-14	439.28	879.86	MVA	25		203.36	650	100	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-37.20%, DL-33.79%, Saving 75.99 LU.
	(ii) LILO 132kV Beawar-Gulabpura line	253.07	2012-13	29.7.13			kM	20					
97	(i) 132/33kV, 20/25MVA GSS at Ghatol (Banswara)	1223.28	2012-13	2014-15	-258.53	-224.96	MVA		25	-	200	800	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-25.80%, DL-21.70%, Saving 42.75 LU.
	(ii) 132kV S/C Paloda -Ghatol line	493.63	2012-13	2014-15			kM		40	-			
	(iii) 1 No. 132kV bay at 132kV GSS Paloda	59.83	2012-13	2014-15						-			
98	(i) 132/33kV, 20/25MVA GSS at Kanera (Chittorgarh)	1223.28	2012-13	2014-15	-389.96	-454.14	MVA		25	-	200	800	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-19.60%, DL-24.90%, Saving 30.19 LU.
	(ii) 132kV Nimbahera - Kanera line	345.88	2012-13	2014-15			kM		50	-			
	(iii) 1 No. 132kV bay at 132kV GSS Bijaipur	59.83	2012-13	2014-15						-			
99	(i) 132/33kV, 20/25MVA GSS at Parbatsar (Nagaur)	1223.28	2012-13	2014-15	-492.3	-530.78	MVA		25	-	200	850	Voltage Regulation, Loss Reduction Scheme . Ex VR-18.50%, DL-16.31%, Saving 20.95 LU.
	(ii) 132kV S/C Roopangarh-Parbatsar line	247.37	2012-13	2014-15			kM		20	-			
	(iii) 1 No. 132kV bay at 132kV GSS Roopangarh	59.83	2012-13	2014-15						-			
100	(i) 132/33kV, 20/25MVA GSS at Sherera (Bikaner)	1283.11	2012-13	2014-15	2304.95	3910.84	MVA		25	-	200	800	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-
	(ii) LILO 132kV Bikaner-Dulchasar line	316.05	2012-13	2014-15			kM		30	-			
101	(i) 132/33kV, 20/25MVA GSS at Tibbi (Hanumangarh)	1223.28	2012-13	2014-15	1067.34	1889.2	MVA		25	-	200	750	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-18.70%, DL-15.95%, Saving 110.38
	(ii) 132kV S/C Amarpura Theri(Hanumangarh)-Tibbi line	173.50	2012-13	2014-15			kM		14	-			
	(iii) 1 No. 132kV bay at 132kV GSS Amarpura Their	59.83	2012-13	2014-15						-			
102	(i) 132/33kV, 20/25MVA GSS at Ajasar (Jaisalmer)	1283.11	2012-13	2014-15	1949.01	3301.77	MVA		25	-	200	800	Voltage Regulation, Loss Reduction Scheme . Ex VR-42.90%, DL-37.72%,
	(ii) LILO 132kV Pokran-Askandra line	22.12	2012-13	2014-15			kM		2	-			
103	(i) 132/33kV, 20/25MVA GSS at Narainpur PS Thanagazi (Alwar)	1283.11	2012-13	2014-15	-204.78	-184.75	MVA		25	-	200	800	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-11.40%, DL-8.39%, Saving 31.90 LU.
	(ii) LILO 132kV Bansur-Thanagazi	64.10	2012-13	2014-15			kM		6	-			
104	(i) 132/33kV, 20/25MVA GSS at Bhanwargarh (Kishanganj) (Baran)	1283.11	2012-13	2014-15	1159.1	2021.41	MVA		25	-	200	800	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-43.80%, DL-41.40%, Saving 110.84
	(ii) LILO 132kV Baran-Kelwara line	22.12	2012-13	2014-15			kM		2	-			
105	(i) 132/33kV, 20/25MVA GSS at Batoda (Sawaimadhopur)	1223.28	2012-13	2014-15	121.56	375	MVA		25	-	200	800	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-34.50%, DL-20.13%, Saving 60.31 LU.
	(ii) 132kV S/C line from 220kV Gangapurcity (U/C) GSS to Batoda	345.88	2012-13	2014-15			kM		28	-			
	(iii) 1 No. 132kV bay at 220kV GSS Gangapurcity (U/C)	59.83	2012-13	2014-15						-			

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
106	(i) Construction of 132kV S/C Nokha Daiya - Khajuwala line	955.99	2012-13	2014-15			kM		75	-	150	700	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-25.0%, DL-19.30%, Saving 42.75 LU.
	(ii) 1 No. 132kV bay at 132kV GSS Nokha Daiya	59.85	2012-13	2014-15						-			
	(iii) 1 No. 132kV bay at 132kV GSS Khajuwala	59.85	2012-13	2014-15						-			
107	Upgradation of existing 132 kV S/C Sikar-Laxmangarh-Fatehpur-Ratangarh line (presently with Wolf conductor on H-Pole towers) to ACSR Panther conductor on Lattice type towers **(scheme of 220kV Laxmangarh)**	1319.42	2012-13	2014-15	incl. in 220kV scheme	incl. in 220kV scheme	kM		82	-	100	700	Justification given in 220kV scheme of Laxmangarh
108	(i) 132/33kV, 20/25MVA GSS at Kolukheri P.S.Chhabra (Distt. Baran)	1567.42	2012-13	2014-15	-142.54	-59.82	MVA		25	-	170	850	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-25.0%, DL-19.30%, Saving 42.75 LU.
	(ii) 132kV S/C Chhipabarod - Kolukheri line		2012-13	2014-15			kM		23	-			
	(iii) 1 No. 132kV bay at 132kV GSS Chhipabarod		2012-13	2014-15						-			
109	(i) 132 kV GSS Arain, Tehsil-Kishangarh (Ajmer)	1283.44	2013-14	2014-15	862.16	1568.56	MVA		25	-	200	800	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-42.50%, DL-41.35%, Saving 77.74 LU.
	(ii) LILO of 132kV Silora-Malpura line	282.45	2013-14	2014-15			kM		20	-			
110	(i) 132 kV GSS Seemalwara (Dungarpur)	1224.06	2013-14	2014-15	-155.81	-37.81	MVA		25	-	200	800	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-27.80%, DL-22.34%, Saving 41.95 LU.
	(ii) 132kV GSS Sagwara -Seemalwara (Dungarpur)	682.31	2013-14	2014-15			kM		40	-			
	(iii) 1 No. 132kV bay at 132kV GSS Sagwara	59.38	2013-14	2014-15						-			
111	(i) 132 kV GSS Degana (Nagaur)	1314.83	2013-14	2014-15	-964.47	-1294.96	MVA		25	-	200	800	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-14.10%, DL-10.24%, Saving 17.83 LU.
	(ii) 132kV GSS Sanjoo-Degana-Bherunda line	1022.91	2013-14	2014-15			kM		60	-			
	(iii) 1 No. 132kV bay at 132kV GSS Bherunda	59.38	2013-14	2014-15						-			
	(iv) 1 No. 132kV bay at 132kV GSS Sanjoo	59.38	2013-14	2014-15						-			
112	(i) 132 kV GSS Kherwara (Udaipur)	1283.44	2013-14	2014-15	1052.57	1892.57	MVA		25	-	200	750	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-38.50%, DL-29.62%, Saving 89.80 LU.
	(ii) LILO 132kV Rishabdev-Dungarpur line	423.11	2013-14	2014-15			kM		30	-			
113	(i) 132/33kV, 20/25MVA GSS at Parasneu (Churu)	1283.44	2013-14	2014-15	2048.49	4047.39	MVA		25	-	200	750	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-27.90%, DL-23.39%, Saving 140.93
	(ii) LILO Ratangarh-Sridungargarh line	29.25	2013-14	2014-15			kM		2	-			

(Physical & Financial Targets & Achievment)

(Rs. In Lacs)

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					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
114	(i) 132 kV GSS Posaliya (Arathwara)	1283.44	2013-14	2014-15	1120.54	1968.93	MVA		25	-	200	750	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-10.40%, DL-7.33%, Saving 85.15 LU.
	(ii) LILO 132kV Sirohi-Sumerpur line	113.65	2013-14	2014-15			kM		8	-			
115	(i) 132 kV GSS Bagadi (Dausa)	1283.44	2013-14	2014-15	-640.65	-851.6	MVA		25	-	200	750	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-10.10%, DL-7.16%, Saving 13.80 LU.
	(ii) LILO of 132kV S/C Lalsot - Bhadoti line at 132 kV GSS Bagadi (Dausa)	85.52	2013-14	2014-15			kM		6	-			
116	(i) 132 kV GSS Gudha Chander Ji, PS Nadauti (Karauli)	1224.06	2013-14	2014-15	1342.66	2363.19	MVA		25	-	200	900	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-36.60%, DL-33.50%, Saving 102.93LU.
	(ii) 132kV Nangal Sherpur (U/C) - Gudha Chander Ji, PS Nadauti (Karauli)	426.86	2013-14	2014-15			kM		25	-			
	(iii) 1 No. 132kV bay at 220kV GSS Nangal Sherpur	59.38	2013-14	2014-15						-			
117	(i) 132kV Mahpalwas - Dulaniya line	460.04	2013-14	2014-15			kM		25	-	100	350	Saving 2.27 LU.
	(ii) 1 no. 132kV bay at132kV GSS Mahpalwas		2013-14							-			
	(ii) 1 no. 132kV bay at132kV GSS Dulaniya		2013-14							-			
118	(i) 132 kV GSS Panchu (Distt. Bikaner)	1224.06	2013-14	2014-15	-270.59	-223.85	MVA		25	-	200	1000	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-17.10%, DL-8.54%, Saving 36.79 LU.
	(ii) 132kV S/C Deshnok - Panchu	682.31	2013-14	2014-15			kM		40	-			
	(iii) 1 No. 132kV bay at 220kV GSS Deshnok	59.38	2013-14	2014-15						-			
119	(i) 132 kV GSS Nangal Pyariwas (Distt. Dausa)	1283.44	2013-14	2014-15	-469.08	-610.79	MVA		25	-	200	750	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-9.40%, DL-7.17%, Saving 13.01 LU.
	(ii) LILO of 132kV Dausa - Lalsot line for 132 kV GSS Nangal Pyariwas	85.52	2013-14	2014-15			kM		3	-			
120	(i) 132 kV GSS Pahari PS Kaman (Distt. Bharatpur)	1224.06	2013-14	2014-15	-475.05	-588.75	MVA		25	-	200	800	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-16.60%, DL-13.50%, Saving 19.97 LU.
	(ii) 132kV S/C Kaman - Pahari PS Kaman	375.78	2013-14	2014-15			kM		22	-			
	(iii) 1 No. 132kV bay at 220kV GSS Lalsot	59.38	2013-14	2014-15						-			
	2. New Schemes												
I	**400kV**												
	400kV Interconnecting Lines (Banswara Evacuation) :												
1	400 kV D/C Banswara TPS- Udaipur (Quad Moose) Line	30315.48		12th Plan	N.A.	N.A.				-	-	-	This scheme is primarily formed to evacuate Power from Banswara Super Critical TPS (2x660MW)
2	400 kV D/C Banswara TPS- Chittorgarh (Quad Moose) Line	34104.37		12th Plan	N.A.	N.A.				-	-	-	
	400kV Interconnecting Lines (Suratgarh Super Critical TPS Evacuation) :												
3	400 kV D/C Suratgarh TPS- Bikaner (Twin Moose) Line	15779.49		12th Plan	N.A.	N.A.				-	-	-	This scheme is primarily fromed to evacuate power from Suratgarh TPS
	400kV Interconnecting Lines (New Solar & Wind Plants) :												
4	400 kV D/C Bikaner-Sikar (PGCIL) line (Twin Moose) **(ICB2)**	20851.16	2012-13	2015-16	N.A.	N.A.		-	-	-	100	300	This scheme is formed to evacuate power from new solar and wind power plants.
5	400kV D/C Akal-Jodhpur (New) line (Quad Moose)	56784.04	2012-13	12th Plan	N.A.	N.A.		-	-	-	100	5000	
	Supplementary Transmission System for Power Evacuation Scheme of Solar Power Projects in Jaisalmer, Barmer, Jodhpur and Bikaner Districts												
6	400/220 kV, 2 X 500 MVA GSS at Jaisalmer-2 alongwith 1x125 MVAR , 400kV Bus Type Reactor	19379.76	2013-14	12th Plan	N.A.	N.A.		-	-	5368.56	100	950	This scheme is formed to evacuate power from new solar and wind power plants
7	400 kV D/C Jaisalmer-2 -Barmer line	13498.12	2013-14	12th Plan	N.A.	N.A.		-	-	8783.67			

	(Physical & Financial Targets & Achievment)												
													(Rs. In Lacs)
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					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
8	400 kV S/C Akal(1)- Jaisalmer-2 line	3518.61	2013-14	12th Plan	N.A.	N.A.		-	-	-			
9	400kV Terminal Bay Equipment at 400/220kV GSS Barmer (for termination of 400 kV D/C Jaisalmer 2 - Barmer line at Barmer end)	3619.21	2013-14	12th Plan	N.A.	N.A.		-	-	-			
10	400kV Terminal Bay Equipment at 400/220kV GSS Akal 1 (for termination of 400 kV S/C Akal 1 - Jaisalmer 2 line at Akal 1 end)	1820.11	2013-14	12th Plan	N.A.	N.A.		-	-	-			
II	**220kV**												
	Normal Development works												
11	(i) 220/132kV, 1X100 MVA &132/33kV,1X20/25 MVA GSS at Niwana (Distt. Jaipur)	3265.96	2013-14	2015-16	89.49					-	100	800	System strengthening Scheme to help in reducing transmission losses (99.52 LUs). To improve the VR & to reduce overloading at 132kV lines & 220kV Chomu GSS.
	(ii) LILO 220kV S/C heerapura- Babai line at proposed 220kV gss Niwana	25.90	2013-14	2015-16									
12	(i) 220/132kV,2x160MVA GIS Substation at Jawahar Nagar (Distt. Jaipur)	5912.36	2013-14	2015-16	NA	NA				-	100	1500	System strengthening Scheme to help in reducing transmission losses (150.98 LUs). To reduce overloading at 220kV IGN & KKD GSS.
	(ii) 220 kV, 1200Sq.mm., S/C Mansarovar - Jawahar Nagar XLPE Cable	6444.30	2013-14	2015-16	NA	NA							
	(iii) 220 kV, 1200Sq.mm., S/C Indira Gandhi Nagar - Jawahar Nagar XLPE Cable	7020.71	2013-14	2015-16	NA	NA							
13	(i) 220/132kV, 1x160MVA GSS at Bherunda (Distt. Nagaur)	2477.41	2013-14	2015-16	16.40	574.48				-	200	1500	System strengthening Scheme to help in reducing transmission losses (118.06 LUs). To reduce overloading at 220kV Ajmer GSS & 132kV Ajmer- MDS line.
	(ii) 220 kV D/C , Ajmer (400kV) - Bherunda line	1894.78	2013-14	2015-16									
14	New 400 kV & 220 kV Schemes (to be identified)										400	2050	
III	**132kV**												
15	20 Nos., 132/33kV, 1x20/25 MVA Capacity Grid Sub-Stations alongwith approx. 25kM long 132kV D/C line (for each of 132kV GSS) in the periphery of 30kM around various proposed 220kV GSSs as mentioned in project repot{ location of 132kV GSS to be identified later on in consultation with field officers of RVPN/RREC}												
(i)	20 nos.132/33kV, 1x20/25 MVA Capacity Grid Sub-Stations	15426.97	2011-12	12th Plan	NA	NA				-	750	1500	This scheme is formed to evacuate power from new solar and wind power plants
(ii)	500kM long 132kV D/C lines for 20 Nos. 132kV GSS	42803.82	2011-12	12th Plan	NA	NA				-	750	4000	
16	(i) 132 kV GSS bhasina (Distt. Churu)	1224.06	2013-14	2015-16						-	50	300	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-16.00%, DL-11.13%, Saving 83.11 LU.
	(ii) 132kV S/C Parewara - Bhasina line	256.57	2013-14	2015-16	996.02	1782.7				-			
	(iii) 1 No. 132kV bay at 132kV GSS Parewara	59.38	2013-14	2015-16						-			
17	(i) 132 kV GSS Deh (Distt. Nagaur)	1283.44	2013-14	2015-16	100.34	312.2				-	50	300	Voltage Regulation, Laod Catering, Loss Reduction Scheme . Ex VR-
	(ii) LILO of 132kV Nagaur- Ladnu line	85.52	2013-14	2015-16						-			
18	(i) LILO of 132kV S/C Chomu- Markhi line at 220kV GSS Niwana	169.92	2013-14	2015-16						-	50	240	Justification given in 220kV scheme of Niwana
	(ii) 132kV D/C line from 220kV GSS Niwana to 132kV GSS Govindgarh	254.32	2013-14	2015-16	89.49	564				-			

	(Physical & Financial Targets & Achievment)												
													(Rs. In Lacs)
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					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	(iii) 2 No. 132kV bay at 132kV GSS Govindgarh	118.76	2013-14	2015-16						-			
19	(i) 132/33 kV, 20/25 MVA GSS Chhatargarh (Distt. Bikaner)	1224.06	2013-14	2015-16						-	50	700	Voltage Regulation, Laod Catering,
	(ii) 132kV S/C Khajuwala- Chhatargarh line	852.61	2013-14	2015-16	1469.81	2615.79				-			Loss Reduction Scheme . Ex VR-
	(iii) 1 No. 132kV bay at 132kV GSS Khajuwala	59.38	2013-14	2015-16						-			40.50%, DL-36.62%, Saving
20	(i) 132/33 kV, 20/25 MVA GSS Govingarh (Distt. Alwar)	1509.62	2013-14	2015-16						-	50	500	Voltage Regulation, Laod Catering,
	(ii) 132kV LILO from 132kV Nagar -Ramgarh line up to 132kV GSS Govindgarh		2013-14	2015-16	61.12	263.99				-			Loss Reduction Scheme . Ex VR- 21.60%, DL-18.10%, Saving 40.34 LU.
21	(i) 132/33 kV, 20/25 MVA GSS Godarli (Distt. Jodhpur)	1622.15	2013-14	2015-16						-	50	400	Voltage Regulation, Laod Catering,
	(ii) 132kV LILO from 132kV Phalodi - Aau line up to 132kV GSS Godarli		2013-14	2015-16	51.39	260.51				-			Loss Reduction Scheme . Ex VR- 12.00%, DL-8.00%, Saving 42.71 LU.
22	132kV S/C Galifa - Sata line.	997.72	2013-14	2015-16						-	50	200	System strengthening scheme, Saving
	1 No. 132kV bay at 132kV GSS Galifa		2013-14	2015-16	-249.79	-295.9				-			13.62 LU.
	1 No. 132kV bay at 132kV GSS Sata		2013-14	2015-16						-			
23	(i) 132/33 kV, 2x50 MVA GIS Sub-station at City Power House, Hathibhata, Ajmer (Distt. Ajmer)	5043.07	2013-14	2015-16							50	1000	Laod Catering, , Saving 60.55 LU.
	(ii) 132kV S/C XLPE Cable between 132kV GSS Pushkar Road (Kotada) - City Power House (GIS)	3209.8	2013-14	2015-16	NA	NA							
	(iii) 132kV D/C XLPE Cable between 220/132kV GSS Madar - City Power House (GIS)	6454.65	2013-14	2015-16									
24	132 kV New Schemes (To be identified)										500	1000	
	3. Carried Over Liabilities of closed schemes												
1	Carried Over Liabilities (Civil works & Bal.Elect. Works - 220kV & 400kV)of Sub Stations & Lines Commissioned in last 3 years only										700	700	
2	Carried Over Liabilities (Civil works & Bal.Elect. Works - 132kV) of Sub Stations & Lines Commissioned in last 3 years only										700	700	
B.	**Other works (excluding deposit works)**												
	1. On going												
1	Energy Meters (Interface Metering)										-	-	
2	220 kV Bus Bar Protection Scheme										500	1000	
	2. New												
1	Capacitor banks (MVAR)										1000	1000	
2	Augmentation (EAP & Plan)/(Upgradation)												
	i. Transformers capacity (MVA)										24400	27100	
	ii. 400/220/132/33kV Feeder bays, Transformer bays, Bus-coupler bays etc.												
	iii. 33kV line bays as per requirement of Discoms												
	iv. Other works approved under Augmentation												
3	Automation/ SCADA solutions, RTU's/ BCU's, related primary equipments upgradations, communication interfaces/ channels (under ULDC, up gradation of existing S/S)										4000	2000	
4	Utility Software, IT Software, Other Allied Software, Hardware Equipments (Upgradation / New)										50	35	
5	Capital cost on IT/non-IT goods for 'Integrated MIS & Computerisation in RVPN										40	30	

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													(Rs. In Lacs)
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					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
6	Purchase of IT hardwares, custom software, non IT items, computer furniture, net working items and broad band connectivity required under IMIS Project.										500	600	
7	RMU of equipments & protection schemes of RVPN (Scheme -II & III)										2000	1700	
8	RMU- PLCC Stage -I Scheme										100	-	
9	Air Conditioning of Control Rooms of 220kV GSS										200	200	
10	Allocation by CCOA										1500	1500	
11	Roof Top Solar Power Plant at Vidyut Bhawan, Jaipur										100	-	
	TOTAL A + B										**215000**	**243000**	
C	**Deposit work**												
1	33 KV Line on 132 KV towers with ACSR Panther conductor from 1 32 KV GSS, Pokran to Nachna Fanta (85 Kms) Sanctioned Estimate Rs 1413.40 Lacs Augumentation of Transformer capacity by 20/25 MVA. 132/33 KV work at 1 32 KV GSS Pokran Sanctioned Estimate Rs 457.40 Lacs Shifting of towers falling in submersed part of 132 KV Chandan-Pokran lin near Biliya.										300.00		
2	33 KV Bay Work at 220 KV GSS Boranada										3.00		
3	33 KV Bay Work at 220 KV GSS Boranada										3.00		
4	33 KV Bay Work at 220 KV GSS Boranada										3.00		
5	33 KV Bay Work at 220 KV GSS Boranada										10.00		
6	220 KV *DIG* line from 220 KV GSS Pindwara to Railway TSS at Pindwara for M/s DFCCIL App Length 10km. 2 Nos. 220 KV Bays at 220 KV GSS Pindwara for M/s DFCCIL includino cost of shifting of 1 32 KV Binani ine. Installation of PLCC equipment										760.00		
7	220 KV D/C line from 220 KV GSS Ball to Railway TSS at Falna for M/s DFCCIL App Length 1 5 km 2 Nos. 220 KV Bays at 220 KV GSS Bali for M/s DFCCIL indudmo cost of shifting of 132 KV Rani line. Installation of PLCC equipment										1200.00		
8	132/33 kV 20/25 MVA Trans. At PS-I Bap (IGNP) & construction of 03 nos. 33 kV bays										146.87		
9	Const of 132 kV S/C iorunda-Nimbol line										275.32		
10	01 no. 132 kVbayat 132 kV GSS. Borunda										51.39		
11	Modification of 220 kV D/C Bilara-Haripur line										2107.01		
12	Cost of 2 Nos. 220 kV Bays at 220 kV GSS, Bilara										249.65		
13	220KV D/C line from 220KV GSS nos 220KV GSS at 220KV GSS Kishangarh										932.47		
14	Modification of 220KV S/C Beawar Merta line										100.00		
15	Modification of 13KV S/C Beawar-Merta line										65.05		
16	Construction of 220KV D/C line from 400KV GSS Babai to TSS DFCC along with two Nos 220KV Bay at 400KV GSS Babai.										1054.13		
17	Modification of 13KV S/C Sikar- Nawalgarh line										25.91		
18	Modificstion of 220KV D/C KTPS-Beawar lme.										14.51		

	(Physical & Financial Targets & Achievment)												
													(Rs. In Lacs)
S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
19	220KV D/C line from 220KV GSS Jethana to M/s DFCC with two nos 220KV GSS at 220KV GSS Jethana.										550.91		
20	Const, of 132KV S/C line from 132KV GSS Danta to M/s Kanchan India Ltd., Danta with one No. 132KV Bayat Danta GSS.										48.57		
21	220KV D/C line from 220KV GSS Reengus to M/s DFCC with two nos 220KV GSS at 220KV GSS Reengus										586.81		
22	Modification of 13KV S/C Khetri-Chirawa line.										88.45		
23	33 kV feeder bay at 132 kV GSS Bhatwar										0.22		
24	132 kV S/C line from 132 kV GSS Rasoolpur										200.10		
25	132 kV feeder bay at 132 kV GSS Rasoolpur for M/s J.K. Cement Mangrol										43.41		
26	Deposit work for Raising the height of 440KV S/C HPR-Merta line b/w loc. No. 142C+3 to 143D+3 due to DFCCI for proper clearance chainage in case of detour 28360 (KM-564) (WIM NO. 10/12-13) Budget provision Rs.39082922/-										390.83		
27	Deposit work for shifting of 132 KV S/C Phulera-Dudu line b/w existing Railway Km/DFC chainage in case of detour 30300-30400 (approx.-1.156 km.) (WIM NO. 11/12-13) Budget provision Rs. 8780000/-										87.80		
28	Deposit work for shifting of 132 KV S/C Phulera-Sirsi line b/w existing Railway Km/DFC chainage in case of detour 31860-31900 (approx.-1.220 km.) (WIM NO. 12/12-13) Budget provision Rs. 7214907/-										72.15		
29	Deposit work for shifting of 132 KV S/C Phulera-Dudu line b/w existing Railway Km/DFC chainage in case of detour 31400-31500 (approx.-0.334 km.) (WIM NO. 13/12-13) Budget provision Rs.4316422/-										43.16		
30	Deposit work for shifting of 132 KV S/C Phulera-heerapura line b/w existing Railway Km/DFC chainage in case of detour 31000-31100 (approx.-1.62 km.) (WIM NO. 14/12-13) Budget provision Rs.11719433/-										117.19		
31	Deposit work for shifting of 132 KV S/C Phulera-Bagru line b/w existing Railway Km/DFC chainage in case of detour 30500-30600 (approx.-0.840 km.) (WIM NO. 15/12-13) Budget provision Rs.8279694/-										82.80		
32	Deposit work for const of 33 KV feeder bay for RHB colony sector-8 I.G.Nagar from 220 KV I.G.Nagar										126.06		
33	Deposit work regarding re-designing the profile & shifting of 132 KV LILO HT line crossing at Bhankrota, kothari farm house, NH-8 JPR										97.98		
34	Raising work of 132 KV D/C Kota-Jawahar Sagar Ckt. No.- 2 and 3 from Location No.- 22 A to 25 A (Deposit work of NHAI)										41.10		
35	Const. of 1 no. 132 KV feeder bay alongwith 132 KV S/C line from 132 KV GSS, Tizara in favour of M/s Kajaria Ceramics Ltd., vill. Gailpur, Tehsil- Tizara, Alwar (Deposit Work)										359.28		
36	Const. of 1 no. 33 KV bay for BPCL at 220 KV GSS, Bharatpur										12.28		

	(Physical & Financial Targets & Achievment)												
													(Rs. In Lacs)
S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	Year of Start	Commissio-ning date/ year (likely)	Net Present Value		Physical Target			Expenditure / Provision (in lacs of			Remarks and (Justification of the Scheme)
					5th year	10th year	Unit kM/MVA	for previous year 2013-14 (Working target/Achievement)	During the year 2014-15 (Target) working	upto previous year start Expend. (01.04.13)	During Previous year 2013-14 Budget Provision (Revised)	During year 2014-15 (budget provision)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
37	Re-routing & dismentaling of 220 KV D/C Line Alwar- Bhiwadi and Bhiwadi (PGCIL) Line in the premises of RIICO										152.80		
38	Shifting/Modification of 132KV Dausa - Lalsot line crossing for proposed Rly. Track										61.53		
39	Raising the height of 132KV Puranaghat - Sitapura line between location N.45-46 at Jagaatpura										16.53		
40	Shifting/raising the height of 132KV S/C Neemrana-Behror line Crossing over the Comml.plot SP2/6C Neemrana of Sh. Naveen Goar.										16.50		
41	Shifting/modification of 132Kv Hindaun-Gangapur line between Location No. 228 & 229 at crossing new Dausa-Gangapur Railway line										40.70		
	Total C										**10538.47**		

Form 3

RAJ. RAJYA VIDYUT PRASARAN NIGAM LTD.

Investment Proposals for the Financial Year 2014-15(Proposed)

(Source of Funding)

S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	total cost to be funded by				Expenses(Provision) funded during current year (2014-15) by					Expenses(Provision) funded during previous year **(2013-14)** by					Expenses funded upto previous year (2013-14) by				Remarks
			equity (20%)	debt (80%)	user's contribution	grants /subsidy	equity (20%) Approx.	debt (80%) Approx.	Provision (plan)	user's contribution	grants/ subsidy	equity (20%)	debt (80%)	Provision (plan)	user's contribution	grants/ subsidy	equity (20%)	debt (80%)	user's contribution	grants / subsidy	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
A	**Approved Scheme**																				
	1. ON GOING SCHEMES																				
I	**765kV 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)	83285.06	16657.01	66628.05			740.00	2960.00	3700			7000.00	28000.00	35000							
2	400/765 kV GSS at Anta(Baran) Pooling Station alongwith 2 sets of 765kV, 3x80 MVAR (single phase) Line Reactors.	50463.53	10092.71	40370.82			3160.00	12640.00	15800			3500.00	14000.00	17500							
3	765 kV, 1X S/C Anta- Phagi(Jaipur South) ckt - I	34080.79	6816.16	27264.63			0.00	0.00	0			220.00	880.00	1100							
4	765 kV, 1 X S/C Phagi(Jaipur South)- Anta ckt -II	34080.79	6816.16	27264.63			0.00	0.00	0			220.00	880.00	1100							
	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)	16161.12	3232.22	12928.90			Incl in I.2	Incl in I.2	Incl in I.2			Incl in I.2	Incl in I.2	Incl in I.2							
II	**400kV Schemes**																				
	Composite Evacuation System [Chhabra Super Critical TPS (2x660MW) and Kalisindh TPS (2x600 MW)]																				
1	400/220 kV GSS at Ajmer	12334.01	2466.80	9867.21			40.00	160.00	200			520.00	2080.00	2600							
2	Terminal 400 kV Bays at existing 400 kV Substation at Heerapura	996.09	199.22	796.87																	
3	400 kV D/C (Quad Moose) Kalisindh TPS -Anta(Baran) Pooling Station Line (For Kalisingdh TPS)	18948.83	3789.77	15159.06			0.00	0.00	0			200.00	800.00	1000							
4	400 kV D/C (Quad Moose) Chhabra SCTPS - Anta(Baran) Pooling Station Line (For Chhabra TPS)	24632.16	4926.43	19705.73			0.00	0.00	0			80.00	320.00	400							
5	400 kV D/C (Twin Moose) Phagi (Jaipur 765 kV)-Ajmer Line	11603.74	2320.75	9282.99			700	2800	3500			500	2000	2500							
6	400 kV D/C Phagi (Jaipur) - Heerapura line	3716.19	743.24	2972.95																	
	Power Evacuation of Banswara Super Critical TPS																				
7	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. (Under normal development)	14790.96	2958.19	11832.77			1000.00	4000.00	5000			200.00	800.00	1000							
8	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. (Under normal development)	13834.05	2766.81	11067.24			40	160	200			120	480	600							
9	Terminal 400 kV Bays at existing 400kV Substation Bhilwara	2440.86	488.17	1952.69																	
	400kV Interconnecting Lines (Banswara Evacuation) :																				
10	400 kV D/C Chittorgarh-Bhilwara (Twin Moose) Line (Under normal development)	4644.14	928.83	3715.31			300.00	1200.00	1500			200.00	800.00	1000							
11	400 kV D/C Bhilwara-Ajmer (Twin Moose) Line	13923.6	2784.72	11138.88			800.00	3200.00	4000			300.00	1200.00	1500							
12	LILO of 400kV Jodhpur -Merta line at 400 kV GSS Jodhpur(New)	3716.19	743.24	2972.95			400.00	1600.00	2000			80.00	320.00	400							

	(Source of Funding)																				
S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	total cost to be funded by				Expenses(Provision) funded during current year (2014-15) by					Expenses(Provision) funded during previous year **(2013-14)** by					Expenses funded upto previous year (2013-14) by				Remarks
			equity (20%)	debt (80%)	user's contribution	grants /subsidy	equity (20%) Approx.	debt (80%) Approx.	Provision (plan)	user's contribution	grants/ subsidy	equity (20%)	debt (80%)	Provision (plan)	user's contribution	grants/ subsidy	equity (20%)	debt (80%)	user's contribution	grants / subsidy	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Power Evacuation Scheme of Suratgarh Super Critical TPS																				
13	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.	14388.31	2877.66	11510.65			100.00	400.00	500			320.00	1280.00	1600							
14	Terminal 400 kV Bays at existing 400 kV Substation Bikaner (with 400kV, 1x50 MVAR Shunt Line Reactor at Bikaner end of 400kV S/C Bikaner-Merta line.)	2760.19	552.04	2208.15			20	80	100			80	320	400							
15	Terminal 400 kV Bay at existing 400 kV Substation Mertacity with 400kV, 1x50 MVAR Shunt Line Reactor at Merta end of 400kV S/C Bikaner-Merta line.	1387.99	277.60	1110.39																	
16	**400kV Interconnecting Lines (Suratgarh Super Critical TPS Evacuation) :**																				
17	400 kV D/C Suratgarh TPS- Babai (Jhunjhunu)(Quad Moose) Line	43576.58	8715.32	34861.26			1600.00	6400.00	8000			1800.00	7200.00	9000							
18	400 kV S/C Bikaner- Merta (Twin Moose) Line	11899.74	2379.95	9519.79			800.00	3200.00	4000			760.00	3040.00	3800							
	Evacuation system for Kawai Super Critical TPS (2x660MW)																				
19	(i) 400 kV D/C (Quad Moose) Kawai SCTPS-765/400 kV Anta (Baran) line **(RFD 2013-14)**	14944.75	2988.95	11955.80			0.00	0.00	0			80.00	320.00	400							
	(ii) 3 nos. 400 kV bays at 765/400 kV Anta(Baran) Pooling Station	Incl. in I.A.5	Incl. in I.A.5	Incl. in I.A.5			Incl. in 765kV Anta	Incl. in 765kV Anta	Incl. in 765kV Anta			Incl. in 765kV Anta	Incl. in 765kV Anta	Incl. in 765kV Anta							
	Transmission System for New Solar and Wind Power Plants in Jaisalmer, Barmer & Jodhpur Districts																				
20	400/220 kV, 3 X 500 MVA and 220/132kV, 3x160 MVA with 132/33kV, 2x40/50 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 D/C Ramgarh-Bhadla line **(ADB TR-1)**	30820.43	6164.09	24656.34			1440.00	5760.00	7200			400.00	1600.00	2000							
21	400/220 kV, 3 X 315 MVA and 220/132kV, 3x160 MVA with 132/33kV, 2x40/50 MVA Pooling Sub-Station GSS at Bhadla (Jodhpur) alongwith 400kV, 1x125 MVAR Shunt Reactor (Bus type) and 4x50 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 line **(ADB TR-1)**	33616.41	6723.28	26893.13			1400.00	5600.00	7000			380.00	1520.00	1900							
22	Augmentation of 400kV GSS Akal by installation of 400/220 kV, 1 X500 MVA Transformer alongwith 400kV, 1x125 MVAR Bus Reactor and 400kV, 2x50 MVAR Shunt Reactor (line type) for proposed 400kV Akal-Jodhpur (New) line. **(ADB TR-1)**	8832.48	1766.50	7065.98			500.00	2000.00	2500			60.00	240.00	300							
23	Augmentation of 400kV GSS Jodhpur (New)																				
	(i) 2x50 MVAR, 400kV Shunt Reactor (line type) at 400kV GSS Jodhpur (New) for 400kV D/C Akal-Jodhpur(New) line	3701.39	740.28	2961.11			Incl in 400 kV GSS Jodhpur	Incl in 400 kV GSS Jodhpur	Incl in 400 kV GSS Jodhpur			Incl in 400 kV GSS Jodhpur	Incl in 400 kV GSS Jodhpur	Incl in 400 kV GSS Jodhpur							
	(ii) 400kV bays at Jodhpur (New) for LILO of one ckt. of 400kV D/C Raj West LTPS-Jodhpur line.																				
24	Augmentation at 400kV GSS Barmer																				
	(i) 1x125 MVAR, 400kV Shunt Reactor (Bus type) at 400kV GSS Barmer **(ADB TR-1)**	3177.51	635.50	2542.01			80	320	400			20	80	100							
	(ii) 400kV bays for 400kV D/C Barmer-Bhinmal (PG) line																				
25	Augmentation at 400kV GSS Bikaner																				

	(Source of Funding)																				
S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	total cost to be funded by				Expenses(Provision) funded during current year (2014-15) by					Expenses(Provision) funded during previous year **(2013-14)** by					Expenses funded upto previous year (2013-14) by				Remarks
			equity (20%)	debt (80%)	user's contribution	grants /subsidy	equity (20%) Approx.	debt (80%) Approx.	Provision (plan)	user's contribution	grants/ subsidy	equity (20%)	debt (80%)	Provision (plan)	user's contribution	grants/ subsidy	equity (20%)	debt (80%)	user's contribution	grants / subsidy	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	(i) 1x125 MVAR, 400kV Bus Reactor at 400kV GSS Bikaner GSS **(ADB TR-1)**	4968.21	993.64	3974.57			260.00	1040.00	1300.00			40.00	160.00	200.00							
	(ii) 400kV Bays for 400kV D/C Bhadla-Bikaner line and 400kV D/C Bikaner-Sikar (PGCIL) line at Bikaner end of the lines																				
26	400kV Interconnecting Lines (New Solar & Wind Plants) :																				
	(i) 400 kV D/C Ramgarh(Jaisalmer)-Akal (Jaisalmer) line (Twin Moose) **(ADB TR-1)**	9931.72	1986.34	7945.38			1200.00	4800.00	6000			100.00	400.00	500							
	(ii) 400 kV D/C Ramgarh-Bhadla line (Twin Moose)	17873.13	3574.63	14298.50			1000.00	4000.00	5000			400.00	1600.00	2000							
	(iii) 400 kV D/C Bhadla-Bikaner line (Quad Moose)	42589.27	8517.85	34071.42			2000.00	8000.00	10000			1400.00	5600.00	7000							
	(iv) 400 kV D/C line from 400/220kV Pooling Station Bhadla to LILO point at 400kV S/C Jodhpur-Merta line (Twin Moose) **(ADB TR-1)**	15887.78	3177.56	12710.22			1200.00	4800.00	6000			160.00	640.00	800							
	(v) 400 kV D/C Barmer-Bhinmal (PGCIL) line (Twin Moose) **(ADB TR-1)**	13902.43	2780.49	11121.94			100.00	400.00	500			20.00	80.00	100							
	(vi) LILO of one circuit of 400kV D/C Raj West-Jodhpur line at 400kV GSS Jodhpur (New) (Twin Moose)	4968.34	993.67	3974.67			500.00	2000.00	2500			120.00	480.00	600							
27	**Inter- connect RVPN's 765/400 kV Anta GSS to PGCIL's 400/220 kV Kota GSS**																				
	(i) LILO of 2nd circuit of 400 kV D/C Chhabra TPS-Dahra section at 765/400 kV Anta GSS	92.65	18.53	74.12			40	160	200			100	400	500							
	(ii) 400kV bay equipments work at 765/400kV Anta GSS	1811.54	362.31	1449.24																	
	(iii) 400 kV S/C line extension from 765/400 kV Anta GSS to PGCIL's 400/220 kV Kota GSS	2686.80	537.36	2149.44																	
28	**400 kV GSS Deedwana (RVPN Scope)**																				
	(i) 1 No. 400kV bay at 400kV GSS Bikaner (For termination of 400kV S/C Bikaner - Deedwana line at Bikaner end)	1849.58	369.916	1479.664			40	160	200			10	40	50							
	(ii) 1 No. 400kV bay at 400kV GSS Ajmer (For termination of 400kV S/C Ajmer - Deedwana line at Ajmer end)																				
29	**400 kV GSS Alwar (RVPN Scope)**																				
	(i) 1 No. 400kV bay at 400kV GSS Hindaun (For termination of 400kV S/C Hindaun - Alwar line at Hindaun end)	1346.62	269.32	1077.30			40.00	160.00	200			20.00	80.00	100							
III	**220kV SCHEMES**																				
	Normal development works																				
1	**Jaipur City EHV network strengthening scheme-1**																				
(a)	220/132kV, 2x160 MVA capacity GIS Substation at Mansarovar (Jaipur) alongwith associated lines and allied works																				
i.	220 kV GIS Substation at existing 132 kV Substation at **Mansarovar** (Jaipur)	7476.20	1495.24	5980.96			20	80	100			40	160	200							
ii.	Up-gradation of existing 132 kV D/C Line to 220 kV D/C Lines Between 220 kV Sanganer to 220 kV Mansarovar	723.52	144.70	578.82																	
iii.	2 Nos. 220 kV Terminal Bays at 220 kV Substation at Sanganer	236.83	47.37	189.46																	

	(Source of Funding)																				
S.No.	Name of the Work/Project	Total cost of scheme/ works (lacs of Rs.)	total cost to be funded by				Expenses(Provision) funded during current year (2014-15) by					Expenses(Provision) funded during previous year **(2013-14)** by					Expenses funded upto previous year (2013-14) by				Remarks
			equity (20%)	debt (80%)	user's contribution	grants /subsidy	equity (20%) Approx.	debt (80%) Approx.	Provision (plan)	user's contribution	grants/ subsidy	equity (20%)	debt (80%)	Provision (plan)	user's contribution	grants/ subsidy	equity (20%)	debt (80%)	user's contribution	grants / subsidy	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
iv.	(a) 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 Point. **(LILO of Sanganer- Heerapura line for Mansarovar)**	4387.28	877.46	3509.82																	
	(b) 220 kV XLPE Cable S/C from Tapping Point.																				
v.	1 Nos. 220 kV Terminal Bays at 400 or 220 kV Substation at Heerapura	118.41	23.68	94.73																	
vi.	132 kV Terminal Bay at existing 132 kV Substation at Chambal	59.54	11.91	47.63																	
(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, Jaipur **(RFD 2013-14)**	6933.93	1386.79	5547.14			40	160	200			140	560	700							
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 House	854.81	170.96	683.85																	
iii.	2 Nos. 220 kV Terminal Bays at 400 kV Heerapura/ 220 kV Substation at Heerapura	236.83	47.37	189.46																	
(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-Dhani to 132 kV Purana Ghat	789.51	157.90	631.61			60.00	240.00	300			40.00	160.00	200							
	Power Evacuation System of Ramgarh GTPS (Stage-III) :																				
2	(i) 220 kV D/C Ramgarh GTPP- Chandan line	4327.54	865.51	3462.03			100	400	500			400	1600	2000							
	(ii) 220 kV D/C Chandan - Dechu line	4327.54	865.51	3462.03																	
	Normal development works																				
3	LILO of 220 kV Debari - Banswara line for 220 kV Madri with 220 kV GSS at Madri (Udaipur) **(RFD 2013-14)**	3412.72	682.54	2730.18			0.00	0.00	0			20.00	80.00	100							
4	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 Neemrana- Kotputli line **(116.822 ckM commissioned in 2012-13)**	2004.65	400.93	1603.72			0.00	0.00	0			100.00	400.00	500							
5	220 kV GSS at **Bundi** (New location) (Distt. Bundi)	3143.42	628.68	2514.74			0.00	0.00				40.00	160.00	200							
6	220 kV GSS at **Gajner** (New location) (Distt. Bikaner)	3430.74	686.15	2744.59			0.00	0.00				40.00	160.00	200							
7	(i) 220 kV GSS at Manoharpur (Upgradation) (Distt. Jaipur)	2758.31	551.66	2206.65			20	80	100			160	640	800							
	(ii) 220 kV D/C Kotputli-Manoharpur line	2001.28	400.26	1601.02																	
8	(i) 220 GSS at Gangapurcity (New location) (Distt. Sawai Madhopur)	3610.37	722.07	2888.30			40	160	200			200	800	1000							
	(ii) 220 kV D/C Hindaun (400 kV GSS) - Gangapurcity line	1668.10	333.62	1334.48																	
9	220/132kV GSS at **Nadbai** (Upgradation) (Distt. Bhartpur)	2107.49	421.50	1685.99			0.00	0.00	0			40.00	160.00	200							
10	(i) 220/132kV GSS at Tehandesar (Upgradation) (Distt. Churu) **(RFD 2013-14)**	2246.70	449.34	1797.36			40	160	200			200	800	1000							
	(ii) 220 kV S/C Sujangarh-Tehandesar line.	996.79	199.36	797.43																	