

Rajasthan Rajya Vidyut Prasaran Nigam Ltd.

Annual Financial Statement **for the year 2017-18**

INTRODUCTORY :-

- 1.1 The Annual Financial Statement (Budget Estimates) of RVPN showing the estimated income and expenditure on Revenue Account and receipts and expenditure on Capital Account for the year 2017-18 is presented. The statement also shows Revised Estimates for 2016-17.

- 1.2 Pursuant to the provisions of the Electricity Act 2003, RVPN's business activities are limited, w.e.f. 1.4.04, to transmission and load dispatch of electricity. The Distribution companies procure power directly from CPSUs, RVUN and others. The power generated by the partnership projects of RVPN, namely, BBMB hydel projects, Chambal hydel projects and Satpura thermal project, is, however, sold by RVPN to Discoms, besides inter-state and common pool sales. This is permitted under the Electricity Act, 2003. However, Generation from Satpura for FY 2016-17 & 2017-18 has been assumed NIL, due to shutdown/sale of all the units being unserviceable. The budget estimates, therefore, include sale of RVPN's share of power generated at these projects and also its share in fuel cost and O&M expenses. The estimates on Capital Account also include RVPN's share in investment in partnership projects of BBMB and Chambal Power Projects.

2. REVENUE ACCOUNT:

2.1 The Budget estimates for FY 2017-18 and revised estimates for 2016-17 are summarised as under:

(` in crores)

Sl. No	Particulars	Budget Estimates 2016-17	Revised Estimates 2016-17	Budget Estimates 2017-18
(A)	INCOME :-			
1	Transmission Charges from Discoms	2689.65	2320.67	2432.73
2	SLDC charges & Other Income	43.86	11.24	33.36
3	Sale of power to Discoms from Partnership Projects	131.04	115.08	150.44
4	Sale Outside State/ Common Pool Revenue(BBMB System)	51.89	60.00	45.62
5	Rev.from Open Access Revenue	199.95	249.22	299.52
6	Misc. Revenue	19.77	8.69	9.49
7	Incentive for System Availability	50.53	40.61	42.57
8	Inter State Lines Revenue	0.00	37.62	37.98
	Total Income -	3186.69	2843.13	3051.71
(B).	EXPENDITURE :-			
1	Employees Cost (Gross)	1004.18	934.99	974.32
	Less – Capitalised	179.36	144.97	154.55
	Net Employees Cost	824.82	790.01	819.77
2	Admin. & General Expenses (Gross)	73.17	83.16	130.53
	Less – Capitalised	27.71	29.07	38.07
	Net Admin. & General Expenses	45.46	54.02	92.46
3	Repairs & Maintenance	110.73	111.09	142.35
4	Cost of Fuel (Shared Project)	4.07	6.09	6.10
5	ULDC / NRLDC Charges	18.14	18.14	19.05
6	Depreciation	740.50	739.00	796.00
7	Interest & Finance Charges (Gross)	1199.84	1200.87	1407.23
	Less – Capitalised	288.00	335.00	394.00
	Net Interest & Finance Charges	911.84	865.87	1013.23
	Total Expenditure	2655.56	2584.23	2888.97
(C)	Surplus (+) / Deficit (-)*	531.13	258.91	162.74

RERC vide his order dated 27.10.16 has allowed ` 423.11 crores as ROE (@ 12%) for FY 2016-17. RVPN has proposed ROE amounting to ` 84.50 crore(@2%)in the ARR Petition filed with RERC for FY 2017-18.

2.2 The estimates of revenue by sale of power are based on anticipated availability of power from shared projects. RVPN's share in BBMB hydel project is 15.22% (Bhakra), 20% (Beas-I) and 58.5% (Beas-II). In Chambal (Hydel) shared projects with MPEB, the RVPN's share is 50%. Details of availability of power from these projects (to the extent of RVPN's share) are given in the following table :

Source	(Energy in MU)		
	Budget Estimates 2016-17	Revised Estimates 2016-17	Budget Estimates 2017-18
Gross Generation			
A - Thermal			
Satpura	0.00	0.00	0.00
Total A	0.00	0.00	0.00
B – Hydel			
Bhakra	2565.00	2288.71	2288.71
Beas Unit-I (Dehar)			
Beas Unit-II (Pong)			
Chambal	566.00	730.30	730.30
Total : B	3131.00	3019.01	3019.01
Total : A+B	3131.00	3019.01	3019.01
Auxiliary Consumption			
A – Thermal			
Satpura	0.00 0%	0.00 0%	0.00 0%
Total : A	0.00	0.00	0.00
B- Hydel			
Bhakra	25.65	22.89	22.89
Beas Unit-I (Dehar)			
Beas Unit-II (Pong)			
Chambal	5.66	7.30	7.30
Total : B	31.31	30.19	30.19
Total : A+B	31.31	30.19	30.19
Total Net Generation (after Aux.Cons.)	3099.69	2988.83	2988.83
Sale to Common Pool / Other State	130.00	130.00	130.00
Net Sale to Discoms	2969.69	2858.83	2858.83

* Availability of energy from shared for Budget Estimate FY 2017-18 has been taken the same as is proposed for RBE 16-17 as the information for FY 17-18 is not provided by CE(PP&D), RVPN.

2.3 The quantity of sale outside-the-State has been taken as NIL. The aggregate of RVPN's share in generation in Chambal projects is more than the generation by MP in its Chambal Project as the Satpura Thermal Power Plant has been dismantled.

2.4 The power available as above has been accounted for in the Revenue Account as under:

	(In MU)		
	2016-17 (BE)	2016-17 (RE)	2017-18 (BE)
Sale Outside the State	0.00	0.00	0.00
Common Pool Sale	130.00	130.00	130.00
Sale to Discoms	2969.69	2858.83	2858.83
Total	3099.69	2988.83	2988.83

2.5 Revised Estimates 2016-17 :

Some important points are mentioned as follows:-

- (a) The revenue from common pool sale has been taken as intimated by BBMB from time to time. The revenue from sale to Discoms is maintained as per the accounts received from these partnership projects.
- (b) The audited accounts of MPEB has been received upto FY 2015-16 and all the accounting adjustments have been made on the basis of figures of audited annual accounts.
- (c) The quantity is allocated amongst Jaipur Discom, Ajmer Discom and Jodhpur Discom in the ratio 40:28:32 as per latest notification issued by Energy Deptt., GoR on 18.6.2014.
- (d) In the matter of review petition filed by RVPN for review of tariff order dated 9.1.2014 for recovery of Generation Expenses of Partnership Projects of RVPN from Discoms. The Commission, vide its order dated 31.10.2014 clarified that the Commission in its order did not bar the Discoms from making the payment to RVPN for the Generation cost incurred by it in the shared projects. Consequently Discoms were directed to reimburse the cost incurred by the RVPN towards generation cost of partnership projects. However, revenue from sale of power has been assumed on No Profit No Loss basis. Discoms have been accordingly billed on accrual basis.
- (e) Income from recovery of SLDC charges from Discoms and Long Term Open Access Customer has been taken in the Revised Estimates 2016-17 @ `11.24 crores as allowed in RERC's tariff order dated 27.10.2016.
- (f) Misc. Revenue in the Revised Estimates 2016-17 is less by Rs. 11.08 crores as compared to Budget Estimates. This includes other revenue like VAR charges, rebate on prompt payment, sale of tender forms, sale of scrap, quarter rent etc.
- (g) The O&M charges allowed by RERC for FY-17 are `953.18 crores (for transmission and SLDC functions only). As against this, the expenditure to be incurred as per Revised Estimates 2016-17, is `955.12 crores (inclusive of generation O&M of `159.14 crores).

In the absence of any other information available for the computation of liability on actuarial basis and in view of the fact that in FY 16, this liability was Rs.453.56 crores, the liability in FY 17 has been taken as Rs.400 crores which is included in the above figure of Rs.955.12 crores.

- (h) The net interest and finance charges taken in Revised Estimates FY 16-17 has decreased by `45.97 crores as compared to BE-17 mainly due to the shorter avilment period of loan and also due to reduction in plan size from `2400.00 crores to `2136.96crores. This interest cost also includes the interest of short term working capital loan which RVPN utilizes to meet its working capital requirement as well as to bridge the gap created by the distribution companies by not making payment of arrears in time.
- (i) The amount of depreciation has decreased by `1.50 crores which is on account of change in the depreciation policy of RVPN given effect from FY-16. The depreciation rates now adopted by the company are at par with the rates specified by RERC. The Depreciation has been taken in Revised Budget as per petition filed by RVPN in RERC for FY 2017-18.
- (j) Revenue on account of transmission charges from Discomsis estimated as `2320.67 crores. Assuming the capacity handled by RVPN transmission system for Discoms as 13128 (12528.00+600.00 LTOA) MW, the rate works out to `154.37per kw/month. This has been assumed at the rate approved by RERC. The open access consumers have also been billed at the above rate for the capacity used by them.
- (k) Taking the expenditure as projected above and the revenue as allowed by RERC for FY 16-17, the total profit in FY 16-17 would be of the order of `258.91 crores. This is against RoE of Rs.423.11 crores @ 12% allowed by RERC for FY 16-17 and incentive of Rs. 40.61 crores for maintaining availability of the transmission system above 98%. A comparative position of Income and Expenditure statement as per RE-17 vis-à-vis that allowed by RERC is enclosed as Annexure-“A”.

2.6 Budget Estimates 2017-18:

The salient features are indicated as under :-

- (a) The basis for income from sale of power to Discoms and common pool sales is the same as adopted for working out Revised Estimates for 2016-17. The ratio for FY 17 has been taken as 40:28:32 for JVVNL, AVVNL and JDVVNL respectively.
- (b) The recovery of SLDC charges from Discoms and open access has been estimated as `33.36 crores for SLDC functions as against SLDC expenses of `39.27 crores allowed by RERC for FY 2016-17 vide its Order dated 27.10.16.
- (c) Increase in the net employees cost is due to the impact of AGI and DA increase and provision for salary made for six (6) months against vacant posts in Budget Estimates 2017-18 which is a normal feature.
- (d) As per norms, the O&M expenses petitioned for FY 17-18 is Rs. 1134.84 crores. On compilation of the requirement of the budget units, this expenditure has been estimated as Rs.1054.58 crores including provision for AS-15 of Rs.400 crores besides including the O&M expenses to be incurred on partnership projects.
- (e) The net interest and finance charges are expected to increase by `147.36 crores in the next financial year 2017-18 due to heavy capital investment expected to be made by the Company during FY 17-18 and reduction in Equity support from the State Govt. The total capital expenditure for plan works is likely to be `2700 crores of which the Govt. shall provide equity of `292 crores. The balance `2408 crores shall have to be arranged by borrowings, out of which `515 crores shall be financed by Asian Development Bank, `256.80 crores by KfW, `171.20 crores by NCEF and `29 crores by PSDF through State Government. This would increase the interest cost of the Company besides increasing the depreciation provision.

During FY 15-16, the equity contribution on new projects by the State Govt. was enhanced to 30% keeping equity contribution on old projects at 20%. This enhancement has been withdrawn by the State Govt. for FY 16-17. Equity support now provided in lump-sum amount on the basis of Annual Plan.

- (f) For FY 2017-18 ROE amounting to `84.50 crores has been envisaged @2% instead of 15.5% as per RERC (Terms & Conditions for determination of Tariff), Regulations, 2014. For FY 2016-17 the ROE amounting to Rs. 423.11 crores had been approved @12% by the Commission in the Tariff order dt. 27.10.2016.
- (g) As per the RERC terms & conditions for determination of tariff Regulations, 2014 on attaining availability of transmission system above 98%, RVPN is entitled to incentive from its consumers. Accordingly incentive of Rs. 40.61 and 42.57 crores has been assumed for FY 16-17 and FY 17-18 respectively.
- (h) Revenue from transmission charges, SLDC charges and cost of generation has been arrived at after considering all the expenses to be incurred and the fact that RVPN shall earn ROE @2%. Total transmission revenue is estimated at `2732.25 crores from Discoms and Open Access Consumers against petitioned ARR of Rs. 2839.73 crore vide petition dated 31.01.2017. (Comparative Statement at Annexure “B”)

CAPITAL ACCOUNT :

3.1 The provisions for capital works in Budget Estimates 2016-17, Revised Estimates 2016-17 and Budget Estimates 2017-18 are as under ;-

(in crores)

		Particulars	Budget Estimates 2016-17	Revised Estimates 2016-17	Budget Estimates 2017-18
1.		Works in shared generation projects :			
	(a)	Beas Stage I and II	4.13	0.00	0.00
	(b)	Uprating of installed capacity of Bhakra Right/Left Bank Power Station	0.00	2.59	12.18
	(c)	Misc. Capital Works at BBMB	14.87	0.00	0.00
	(d)	Uprating of installed capacity of Gangwal and Kotla Power Station of BBMB	0.00	0.00	0.00
	(e)	Inter State Projects other capital works	0.00	15.99	22.07
	(f)	Prior Period Works related to MPEB (Satpura)	0.00	0.00	0.00
	(g)	Lumpsum provision for generation projects	0.00	0.42	0.00
		Total :	19.00	19.00	34.25
2.		Trunk Transmission Works :			
	(a)	Beas Transmission Lines	0.00	0.00	0.00
	(b)	Works executed by RVPN	2365.00	2101.96	2665.00
	(c)	Works under World Bank Schemes	0.00	0.00	0.00
	(d)	Deposit Works (outside Plan)	30.31	47.73	46.76
		Total :	2395.31	2168.69	2746.01
3.		Survey and Investigation	1.00	1.00	1.00
4.		Admin. & Residential Buildings	7.76	8.00	27.51
5.		General Equipments	2.56	0.40	2.71
6.		Purchase of Vehicles	0.50	0.00	0.50
7.		Investment in Subsidiary Company	0.10	0.10	0.10
8.		Lumpsum provision at the disposal of CCOA	4.08	6.50	0.00
		Total (1 to 8)	2430.31	2184.69	2777.83

3.2 The break-up of capital expenditure under Annual Plan approved by the State Govt. and that funded from sources other than Plan, are as follows ;-

A. Revised Estimates 2016-17

3.3 On the basis of RVPN request and report of Working Group the Planning Department, Govt. of Rajasthan vide letter F.10(20) Plan/Gr. V/2015 dated 31.12.2015 have intimated the proposed outlays for 2016-17 for RVPN as under::

	` in lacs
(i) Equity Support	- 33800.00
(ii) IEBR	- 206200.00

Total	- 240000.00

Later on, RERC approved an Investment of Rs. 213800 lacs (for Transmission works) and State Govt vide Letter No. F.10(20)Plan(Gr-V)/2016 dated 24.12.2016 for RVPN thus the schemes under execution were reviewed and re-assessed on the basis of work progress and requirement of evacuation schemes and revised the outlay during 2016-17 for Rs. 213696 lacs.(Rs. 211696.00 lacs for transmission and SLDC + Rs. 2000.00 lacs for generation shared projects). The revised outlay has also been intimated to the planning department vide this office letter no. 1293 dated 16.11.2016. Accordingly, the breakup of tentative Outlay of ` 213696.01 lacs for capital works is proposed as under:

(` in lacs)			
S. No	Head	Plan Outlay 2016-17 (Revised)	Expenditure upto Feb-2017
I.	Generation (Shared Generating Projects)		
	1. S&I Preliminary Exps. (New works)	100.00	0.00
	2. Renovation & Modernization/ Uprating of shared generating stations. (Ongoing works)		
	a. Uprating of Bhakra Left Bank b. Other Capital works of BBMB	} 1900.00	355.00
	Total (I)	2000.00	355.00
II	Transmission:		
	On-going works & New works including SCADA	211696.01	185730.00
	Total (II)	213696.01	185730.00
	Total (I + II)	213696.01	186084.00

4.1 Works Position

The detailed works position for RVPN is given as follows:

4.2 Generation (Shared Generating Projects)

(i) Survey, Investigation and Preliminary Expenses of New Projects

A provision of `100.00 lacs has been kept during the year 2016-17 for making payment for S&I Works and for preliminary expenses for interstate new projects.

(ii) Bhakhra Beas Complex & Other shared projects

A total provision of ` 1900.00 lacs for up rating of Bhakhra Left Bank, other shared projects and for other Capital Works of BBMB is kept during the year 2016-17. This provision is for the Rajasthan's Share in Modernization works.

4.3 Transmission

A total provision of ` 216468.56 lacs is kept for Transmission works including SLDC of deposit works during the year 2016-17. During 2016-17 the work on evacuation schemes of Chhabra Super Critical TPS, Kalisind TPS, Suratgarh Super Critical TPS, Kawai Super Critical TPS & Solar and Wind Power are in full swing.

(ii) During 2016-17 major expenditure will be on construction of evacuation schemes which includes 400 kV transmission systems covered under various evacuation schemes.

(iii) Besides above looking to the load growth the expansion in transmission system and augmentation of capacity of existing EHV GSS is required. During 2016-17 RVPN has planned to commission 2 Nos. of 400kV GSS , 8 Nos. of 220 kV GSS and 16 Nos. of 132 kV GSS along with their associated lines. An addition of 1500MVA transformer capacity under augmentation programme is also proposed during 2016-17.

(iv) The following physical targets are proposed for the transmission works to be under taken during 2016-17:

S. No.	Works	Unit	Target 2016-17 (Proposed)	Achievement up to Dec.,2016
i.	Lines & S/S			
	- 765 kV Substations	MVA/ Nos.	-----	1500/---
	- 400 kV Lines	ckt.kM	840	308.678
	- 400 kV Substations	MVA/ Nos.	2130/2	315/1
	- 220 kV Lines	ckt.kM	668	500.748
	- 220 kV Substations	MVA/ Nos.	1020/8	520/4
	- 132 kV Lines	ckt.Km	551	262.781
	- 132kV Substations	MVA/ Nos.	400/16	400/7
ii	Augmentation	MVA	1500	776.50
iii.	Capacitor Banks	MVAR	300	32.58

(v) The scheme wise provisions & working targets of transmission works during 2016-17 are shown in Annexure -C.

4.4. Government Support during 2016-17

4.4.1 To expedite the work and for timely completion of work for various evacuation schemes and system strengthening schemes, the funds are being arranged by RVPN from various Financial Institutions viz. PFC, NABARD,, REC, ADB KfW, PSDF, NCEF Commercial Bank etc. The new approved schemes shall also be posed to these institutions for loan assistance. The counter-part fund for such loan assistance is required also to be met from plan fund and assistance from State Government is required to meet such demand. For all these works an equity support be required from State Govt., which has been shown in tentative resources for Annual Plan 2016-17.

5. Budget Estimates 2017-18

5.1 Plan Outlays

On the basis of RVPN request and report of Working Group the Planning Department, Govt. of Rajasthan vide No. F.10(20)Plan(Gr-V)/2016 dated 24.12.2016 have intimated the proposed outlays for 2017-18 for RVPN as under:

		` in lacs
(i)	Equity Support	- 29200.00
(ii)	IEBR	- 240800.00

	Total	- 270000.00

5.2 Accordingly, the breakup of tentative Plan Outlay of ` 270000.00 lacs for capital works is proposed as under:

(` in lacs)		
S. No	Head	Plan Outlay 2017-18
I.	Generation (Shared Generating Projects)	
	1. S&I Preliminary Exps. (New works)	100.00
	2. Renovation & Modernization/ Uprating of shared generating stations. (Ongoing works)	
	a. Uprating of Bhakra Left Bank b. Other Capital works of BBMB	} 1900.00
	Total (I)	2000.00
II	Transmission:	
	On-going works & New works including SCADA	268000.00
	Total (II)	268000.00
	Total (I + II)	270000.00

5.3 The break-up of Plan outlay of `2700 crores for Capital works under Plan and that funded from sources other than plan are as under:-

(` in crores)			
S.	Capital Works	Plan	Works funded Total

No.		Works	through sources other than Plan (Others)	
1.	Generation incl. S&I and Beas Transmission Lines	20.00	15.25	35.25
2.	Transmission			
	a. Transmission works	2645.00	46.76	2691.76
	b. SCADA/SLDC	20.00	0.00	20.00
3.	Civil Works	11.69	15.82	27.51
4.	Other Works (T&P / Vehicles)	3.31	0.00	3.31
5.	Lumpsum provision at the disposal of CCOA	0.00	0.00	0.00
	Total	2700.00	77.83	2777.83

5.4 Resources

The details of tentative resources proposed for financing the above Plan outlay of Rs.270000.00 lacs are as under:

(` in lacs)

	(A) Direct (IEBR)	
1.	Bonds/REC/PFC/NABARD/HUDCO/Commercial Banks etc	143600.00
2.	Channeling through MNRE Grant from PSDF	2900.00
	Total (A)	146500.00
	(B) Through State Govt.	
1.	State Govt. Equity	29200.00
2.	Loan from Asian Development Bank	51500.00
3.	Loan from KfW	25680.00
4.	Grant from National Clean Energy Fund (NCEF)	17120.00
	Total (B)	123500.00
	Total (A+B)	270000.00

5.5 Works Position

The detailed works position for RVPN is given as follows:

5.5.1 Generation (Shared Generating Projects)

(i) Survey, Investigation and Preliminary Expenses of New Projects

A provision of `100.00 lacs has been kept during the year 2017-18 for making payment for S&I Works and for preliminary expenses for interstate new projects.

(ii) Bhakhra Beas Complex & Other shared projects

A total provision of ` 3424.74 lacs (Rs. 1900.00 Lacs Plan+Rs. 15.24 other than Plan)for up rating of Bhakhra Left Bank, other shared projects and for other Capital Works of BBMB is kept during the year

2017-18. This provision is for the Rajasthan's Share in Modernization works.

5.3.2. Transmission

(i) A total provision of ` 271176.24lacs is proposed for Transmission works during the year 2017-18. During 2017-18 the work on evacuation schemes of Chhabra Super Critical TPS, Kalisind TPS, Suratgarh Super Critical TPS, Kawai Super Critical TPS & Solar and Wind Power will be in full swing. More transmission schemes related to forthcoming Generation stations and for expansion of transmission system are likely to be approved in 2017-18, which will be included in Annual Plan at the time of revision.

(ii) During 2017-18 major expenditure will be on construction of evacuation schemes which includes 400 kV transmission systems covered under various evacuation schemes.

(iii) Besides above looking to the load growth the expansion in transmission system and augmentation of capacity of existing EHV GSS is required. During 2017-18 RVPN has planned to commission, 3 Nos. of 400kV and 8 Nos. of 220 kV GSS and 22 Nos. of 132 kV GSS along with their associated lines. An addition of 1500MVA transformer capacity under augmentation programme is also proposed during 2017-18.

(iv) The following physical targets are proposed for the transmission works to be under taken during 2017-18:

S. No.	Works	Unit	Target 2017-18 (Proposed)
i.	Lines & S/S		
	- 400 kV Lines	MVA/ Nos.	1160
	- 400 kV Substations	ckt.kM	3630/3
	- 220 kV Lines	MVA/ Nos.	628
	- 220 kV Substations	ckt.Km	1440/8
	- 132 kV Lines	MVA/ Nos.	329
	- 132kV Substations		550/22
ii	Augmentation	MVA	1500
iii.	Capacitor Banks	MVAR	300

(v) The scheme wise provisions & working targets of transmission works during 2017-18 are shown in Annexure -C.

5.4. Government Support during 2017-18

5.4.1 To expedite the work and for timely completion of work for various evacuation schemes and system strengthening schemes, the funds are being arranged by RVPN from various Financial Institutions viz. PFC, NABARD, REC, ADB, KfW, PSDF, NABARD, NCRPB, Commercial Bank etc. The new approved schemes shall also be posed to these institutions for loan assistance. The counter-part fund for such loan assistance is required also to be met from plan fund and assistance from

State shall be required from State Govt., which has been shown in tentative resources for Annual Plan 2017-18.

6. The break up of Resources for financing the Capital Expenditure is indicated in the following table :-

(` in crores)

S.No.	Particulars	Budget Estimates 2016-17	Revised Estimates 2016-17	Budget Estimates 2017-18
A	PLAN RESOURCES :-			
1.	Equity from State Government :-			
	(a) For Normal Works	185.90	128.50	160.60
	(b) For TSP Works	50.70	50.70	43.80
	(c) For SCSP Works	101.40	76.80	87.60
	Total (1)	338.00	256.00	292.00
2.	Internal & Extra Budgetary Resources (IEBR) :-			
	(a) PFC/NCRPB/NABARD/REC/BONDS etc.	1220.96	1430.24	1436.00
	(b) Grant from PSDF	55.00	10.00	29.00
	(c) Asian Development Bank (ADB) through State Govt.	378.72	378.72	515.00
	(d) Loan from KfW through Govt..	203.66	31.00	256.80
	(e) Grant from NCEF channeling through MNRE	203.66	31.00	171.20
	Total (2) IEBR	2062.00	1880.96	2408.00
	Total (A) (1+2)	2400.00	2136.96	2700.00
B	RESOURCES OTHER THAN PLAN :-			
	(a) Deposits for specific job	30.31	64.61	0.00
	(b) Others (Deposits carry forward)	0.00	0.00	16.88
	© Unidentified	0.00	0.00	60.95
	Total (B)	30.31	64.61	77.83
	Total (A+B)	2430.31	2201.57	2777.83
	Total Capital Works	2430.31	2184.69	2777.93

Rajasthan Rajya Vidyut Prasaran Nigam Ltd.
P & L ACCOUNT / REVENUE ACCOUNT

Annexure A
(In crore)

SI. No.	Particulars	Revised Budget Estimates 2016-17 (Transmission+SLDC+Generation)	As per ARR Order 2016-17 (Transmission+SLDC)	Partnership Project 2016-17 (Revised Estimate)	Total (Transmission+SLDC+Generation)	Variance
	2	3	4	5	6(4+5)	7 (3-6)
A.	INCOME :					
1	Transmission Charges from Discoms	2320.67	2320.67	0.00	2320.67	0.00
2	SLDC charges from Discoms & O.A. Consumer	11.24	9.40	0.00	9.40	1.84
3	Sale of power to Discoms & Partnership Projects	115.08	0.00	115.08	115.08	0.00
4	Sale Outside State & Common Pool Revenue	60.00	0.00	60.00	60.00	0.00
5	Transmission Charges from LT, ST & O.A. Consumers	249.22	243.14	0.00	243.14	6.08
6	Misc. Revenue including Incentive	49.30	126.63	0.00	126.63	-77.33
7	Inter State Line Reveune	37.62	37.98	0.00	37.98	-0.36
	Total Income (1 to 7)	2843.13	2737.82	175.08	2912.90	-69.77
B.	EXPENDITURE :					
1	O&M Expenses	955.12	953.18	159.14	1112.32	-157.20
2	Cost of Fuel (Shared Project)	6.09	0.00	6.09	6.09	0.00
3	ULDC / NRLDC Charges	18.14	18.14	0.00	18.14	0.00
4	Depreciation	739.00	685.32	3.85	689.17	49.83
5	Interest & Finance Charges(Net)	865.87	855.36	6.00	861.36	4.51
6	Other Exp.	0.00	10.55	0.00	10.55	-10.55
	TOTAL REVENUE EXPENDITURE	2584.22	2522.55	175.08	2697.63	-113.41
7	Less: True-up Gap for FY 14-15	0.00	207.83	0.00	207.83	-207.83
	TOTAL EXPENDITURE	2584.22	2314.72	175.08	2489.80	94.42
C.	Profit (ROE)	258.91	423.11	0.00	423.11	-164.20
	TOTAL EXPENDITURE	2843.13	2737.83			
	Total Transmission Capacity (MW)	13128.00	13128.00			
	Less: Transmission Capacity from O.A. Consumers (MW)	600.00	600.00			
	Net Transmission Capacity from Discoms (MW)	12528.00	12528.00			

Rajasthan Rajya Vidyut Prasaran Nigam Ltd.
P & L ACCOUNT / REVENUE ACCOUNT

Annexure B
(In crore)

Particulars	Budget Estimates 2017-18 (Transmission+SLDC+G eneration)	As per Petiton Filed 2017-18 (Transmission+SL DC)	Partnership Project 2017-18 (Budget Estimate)	Total (Transmission+ SLDC+Generati on)	Variance
	3	4	5	6(4+5)	7 (3-6)
A. INCOME :					
1 Transmission Charges from Discoms	2432.73	2539.52	0.00	2539.52	-106.79
2 SLDC charges from Discoms & O.A. Consumer	33.36	31.44	0.00	31.44	1.92
3 Sale of power to Discoms & Partnership Projects	150.44	0.00	150.44	150.44	0.00
4 Sale Outside State & Common Pool Revenue	45.62	0.00	45.62	45.62	0.00
5 Transmission Charges from LT, ST & O.A. Consumers	299.52	300.21	0.00	300.21	-0.69
6 Misc. Revenue including Incentive	52.06	139.21	0.00	139.21	-87.15
7 Inter State Line Revenue	37.98	37.98	0.00	37.98	0.00
Total Income (1 to 7)	3051.71	3048.36	196.06	3244.42	-192.71
B. EXPENDITURE :					
1 O&M Expenses	1054.59	1134.84	159.14	1293.98	-239.39
2 Cost of Fuel (Shared Project)	6.10	0.00	6.09	6.09	0.01
3 ULDC / NRLDC Charges	19.05	19.05	0.00	19.05	0.00
4 Depreciation	796.00	858.08	3.85	861.93	-65.93
5 Interest & Finance Charges(Net)	1013.23	1001.06	6.00	1007.06	6.17
6 Other Exp.	0.00	28.30	0.00	28.30	-28.30
TOTAL REVENUE EXPENDITURE	2888.97	3041.33	175.08	3216.41	-327.44
Less: True-up Gap for FY 15-16	0.00	77.48	0.00	77.48	-77.48
TOTAL EXPENDITURE	2888.97	2963.85	175.08	3138.93	-249.96
Profit (ROE)	162.74	84.50	20.98	105.50	57.24
C. TOTAL EXPENDITURE	3051.71	3048.35			
Total Transmission Capacity (MW)	13078.00	13078.00			
Less: Transmission Capacity from O.A. Consumers (MW)	600.00	600.00			
Net Transmission Capacity from Discoms (MW)	12478.00	12478.00			

**Transmission - Details of Plan Provisions & Physical Targets for Annual Plan 2016-17 (Revised) & 2017-18
(Proposed)**

(In Lacs)

S.No.	Name of the Work/Project	2016-17 budgeted	Annual Plan 2016-17 (Revised)	Annual Plan 2017-18 (Proposed)
I	765kV Schemes			
A	On-Going Schemes			
	Composite Power Evacuation System (Chhabra Super Critical TPS (2x660MW) & Kalisindh TPS (2x600 MW))			
1	765/400 kV, 2x1500 MVA 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)	0.00	1500.00	-
2	400/765 kV, 2x1500 MVA GSS at Anta(Baran) Pooling Station alongwith 2 sets of 765kV, 3x80 MVAR (single phase) Line Reactors.	-	2200.00	-
3	Evacuation system for Kawai Super Critical TPS (2x660MW) Additional 1x1500 MVA, 765/400 kV transformer (3rd transformer) at 765/400 kV pooling station Anta (Baran)	-	Incl. in I-A.2	-
	New Start 2016-17			
	New transmission system for evacuation of generation from new solar and wind power plants in Western & South Eastern Rajasthan. (Total scheme cost = 3049.86 Cr)			
4	3 X 1500 MVA 765/400 kV Substation at Korna Distt.: Barmer (i) 765/ 400 kV, 3 x 1500 MVA substation at Korna Distt.- Barmer alongwith 1x 330 MVAR, 765 kV Bus Reactor, 1x125 MVAR, 400 kV Bus Reactor and 2x 240 MVAR, 765kV switchable line Reactors on 765 kV D/C Korna- Ajmer (PG) line	-	100.00	12500.00
5	2 nos. 765 kV bays at 765 kV GSS Ajmer (PG) (i) 2 nos. 765 kV feeder bays at 765 kV GSS Ajmer (PG) alongwith 2x 240 MVAR line reactors on 765 kV D/C Ajmer- Korna line	-	50.00	100.00
6	765 kV TRANSMISSION LINES: (i) 765 kV D/C Korna- Ajmer (PG) line (Hexa Zebra conductor)	-	50.00	20000.00
	I. Total (765kV) 765 kV - Working Annual Plan target	0.00	3900.00	32600.00
II	400kV SCHEMES			
A	On-Going Schemes			
	Composite Power Evacuation System (Chhabra Super Critical TPS (2x660MW) & Kalisindh TPS (2x600 MW))			
1	400/220 kV , 2x315 MVA GSS at Ajmer (1x315 MVA X-mer comm.)	200.00	200.00	-
2	Terminal 400 kV Bays at existing 400 kV Substation at Heerapura			
3	400 kV D/C (Twin Moose) Phagi (Jaipur 765 kV)-Ajmer Line	1000.00	1000.00	1000.00
4	400 kV D/C Phagi (Jaipur) - Heerapura line	200.00	200.00	-
5	400 kV D/C (Quad Moose) Chhabra SCTPS - Anta(Baran) Pooling Station Line [Construction of 400 kV D/C Quad Moose line from location No-3 of 400 kV D/C Chhabra TPS- Anta line to the Gantry of Super Critical Chhabra TPS (Approx.- 02 km) and balance connection work of 400kV Twin Moose Chhabra TPS- Bhilwara line at Bay No. -414.] (Revised) Line (178.75ckM) charged on 10.4.2015 from 765/400KV GSS Anta side and on 22.4.16 from chhabra side (2.9 ckm)	100.00	100.00	-
	Power Evacuation of Banswara Super Critical TPS (IPP Unit-1&2) (2X660MW)			
6	400/220 kV, 2X315 MVA 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)	1000.00	1000.00	200.00
7	Terminal 400 kV Bays at existing 400kV Substation Bhilwara			
8	400/220 kV , 2X315 MVA 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)	3500.00	1200.00	5000.00
	400kV Interconnecting Lines (Banswara Super Critical TPS Evacuation) :			
9	400 kV D/C Chittorgarh-Bhilwara (Twin Moose) Line (Under normal development)	700.00	700.00	200.00
10	LILO of 400kV Jodhpur -Merta line at 400 kV GSS Jodhpur(New)	200.00	200.00	0.00
11	400 kV D/C Bhilwara-Ajmer (Twin Moose) Line	2000.00	2000.00	1000.00
	Power Evacuation Scheme of Suratgarh Super Critical TPS (Unit 7&8) (2x660MW)			
12	400/220 Kv, 2x315 MVA 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.	3800.00	5300.00	2500.00
13	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.)			
14	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.			
	400kV Interconnecting Lines (Suratgarh Super Critical TPS Evacuation) :			
15	400 kV S/C Bikaner- Merta (Twin Moose) Line	100.00	100.00	-
16	400 kV D/C Suratgarh TPS- Babai (Jhunjhunu)(Quad Moose) Line	5000.00	9000.00	5000.00
	Evacuation system for Kawai Super Critical TPS (2x660MW)			
17	3 nos. 400 kV bays at 765/400 kV Anta(Baran) Pooling Station	-	Incl. in I.A.3	-
	Transmission System for New Solar and Wind Power Plants in Jaisalmer, Barmer & Jodhpur Districts			
18	(i) 400/220 kV, 3 X 500 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)	10600.00	11800.00	3700.00
	(ii) 220/132kV, 3x160 MVA with 132/33kV, 2x40/50 MVA (RVPN scope) alongwith 4 nos. 220kV feeder bays. (RVPN scope)	100.00	100.00	-
19	(i) 400/220 kV, 3 X 500 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 LILLO Jodhpur-Merta at Bhadla line and 400kV D/C Ramgarh-Bhadla line. (ADB TR-1)	17300.00	19300.00	4700.00
	(ii) 220/132kV, 3x160 MVA with 132/33kV, 2x40/50 MVA (RVPN scope) alongwith 6 nos. 220kV feeder bays. (RVPN scope)	100.00	100.00	-
	220/132 Kv, 1x160 MVA Transformer comm. On 9.8.14			
20	(i) Augmentation of 400kV GSS Akal by installation of 400/220 kV, 1 X500 MVA Transformer (RVPN Scop) (ii) alongwith 400kV, 1x125 MVAR Bus Reactor and 400kV, 2x50 MVAR Shunt Reactor (line type) for proposed 400kV Akal-Jodhpur (New) line. (ADB)	800.00	800.00	100.00
21	Augmentation at 400kV GSS Barmer (i) 1x125 MVAR, 400kV Shunt Reactor (Bus type) at 400kV GSS Barmer (ii) 400kV bays for 400kV D/C Barmer-Bhinmal (PG) line	1200.00	1200.00	500.00
22	Augmentation at 400kV GSS Bikaner (ADB) (i) 1x125 MVAR, 400kV Bus Reactor at 400kV GSS Bikaner GSS	1000.00	1000.00	100.00

	(ii) 400kV Bays for 400kV D/C Bhadla-Bikaner line and 400kV D/C Bikaner-Sikar (PGCIL) line at Bikaner end of the lines (iii) 2 Nos. 220kV feeder bays alongwith 220kV D/C linking transmission line for charging 400kV Bhadla- Bikaner line on 220kV.			
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 (ii) 400kV bays at Jodhpur (New) for LILO of one ckt. of 400kV D/C Raj West LTPS-Jodhpur line.	1500.00	100.00	200.00
	400kV Interconnecting Lines (New Solar & Wind Plants) :			
24	400 kV D/C Ramgarh-Bhadla line (Twin Moose) (Revised)	4000.00	4000.00	1900.00
25	400 kV D/C Bhadla-Bikaner line (Quad Moose)	4800.00	4800.00	1500.00
26	LILO of one circuit of 400kV D/C Raj West-Jodhpur line at 400kV GSS Jodhpur (New) (Twin Moose)	100.00	100.00	-
27	400 kV D/C Ramgarh(Jaisalmer)-Akal (Jaisalmer) line (Twin Moose) (ADB TR-1)	3500.00	3500.00	2000.00
28	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) (Revised)	5500.00	8722.00	2600.00
29	400 kV D/C Barmer-Bhinmal (PGCIL) line (Twin Moose) (KfW)	4700.00	1000.00	4000.00
30	400kV D/C Akal-Jodhpur (New) line (Quad Moose) (Line conductor is in the scope of ADB)	10000.00	10600.00	14370.00
31	Inter- connect RVPN's 765/400 kV Anta GSS to PGCIL's 400/220 kV Kota GSS (i) LILO of 2 nd circuit of 400 kV D/C Chhabra TPS-Dahra section at 765/400 kV Anta GSS (ii) 400kV bay equipments work at 765/400kV Anta GSS (iii) 400 kV S/C line extension from 765/400 kV Anta GSS to PGCIL's 400/220 kV Kota GSS	1500.00	1500.00	500.00
	PSDF funded schemes			
32	(i) 400 kV, 1x 125 MVAR Bus Reactor alongwith 400 kV Bay at 400 kV GSS Hindaun	1500.00	1100.00	3200.00
	(ii) 400 kV, 1x 125 MVAR Bus Reactor at 400 kV GSS Merta City (in place of existing 400 kV, 1x 50 MVAR Bus Reactor by its removal and shifting to 400 kV GSS Bhilwara)			
	(iii) 400 kV, 1x 50 MVAR Bus Reactor alongwith 400 kV Bay at 400 kV GSS Bhilwara (Reactor to be shifted from 400 kV GSS Merta City)			
	(iv) Scheme of Renovation and Up-gradation of all RVPN substations of 220kV and 400kV to rectify protection related deficiencies (PSDF granted schemes).	4600.00		
	Supplementary Transmission System for Power Evacuation Scheme of Solar Power Projects in Jaisalmer, Barmer, Jodhpur and Bikaner Districts (KfW funded schemes)			
33	400/220 kV, 2 X 500 MVA GSS at Jaisalmer-2 alongwith 1x125 MVAR , 400kV Bus Type Reactor	20200.00	4950.00	13300.00
34	400 kV D/C Jaisalmer-2 -Barmer line			6700.00
35	400 kV S/C Akal(1)- Jaisalmer-2 line			
36	400kV Terminal Bay Equipment at 400/220kV GSS Barmer (for termination of 400 kV D/C Jaisalmer 2 - Barmer line at Barmer end)			1800.00
37	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)			800.00
	New start 2016-17			
	New transmission system for evacuation of generation from new solar and wind power plants in Western & South Eastern Rajasthan.			
39	LILO of one circuit of 400 kV D/C Raj West LTPS- Jodhpur (Mandore) Line at 765 kV GSS Korna [Twin Moose]	-	50.00	200.00
40	LILO of both circuits of 400 kV D/C Akal - Jodhpur (New) Lines at 765 kV GSS Korna (2x 2kM D/C= 4 kM D/C) [Quad Moose]	-	50.00	200.00
41	400 kV D/C Korna - Pokaran line [Quad Moose]	-	50.00	2000.00
42	400 kV D/C Korna - Jaisalmer-II line [Quad Moose]	-	50.00	2000.00
43	400/220 kV, 2X 500 MVA Substation at Pokaran (Distt.- Jaisalmer)(Upgradation of 220 kV Substation) 400/220 kV, 2X 500 MVA Substation at Pokaran (Upgradation of 220 kV Substation) alongwith 400 kV -1x125 MVAR Bus Reactor, 400 kV- 2x 50 MVAR switchable line reactors, 220 kV- 25 MVAR Bus Reactor and 10 nos.- 220 kV Feeders for Power Developers	-	200.00	3400.00
44	2 nos. 400 kV Bays with 2x 50 MVAR line Reactors at 400 kV GSS Jaisalmer-II alongwith 10 nos. 220 kV feeder bays for Power Developers	-	50.00	100.00
45	Augmentation at existing/ approved 400/220 kV GSS (i) 400 kV GSS Akal (2x500, 2x315MVA) (ii) 400 kV GSS Jaisalmer-2 (2x500MVA)	-	50.00	1000.00
		-	50.00	1000.00
	II. Total (400 kV)	110800.00	96222.00	86770.00
	Target 400 kV - WORKING			
	Annual Plan target			
III	220kV SCHEMES			
	Normal development works			
1	Jaipur City EHV network strengthening scheme-1 (i) 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	200.00	50.00	50.00
2	JAIPUR CITY EHV NETWORK STRENGTHENING SCHEME-III [JENSS-III] (i) 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. Line work completed	100.00	100.00	-
	Normal development works			
	Transmission System for New Solar and Wind Power Plants in Jaisalmer, Barmer & Jodhpur Districts			
3	(i) 220/132kV, 2x160 , 2x40/50 MVA GSS at Kanasar (Distt. Jodhpur) (ii) 220kV D/C Bhadla - Kanasar line	3500.00	3500.00	200.00
4	Power Evacuation of Banswara Super Critical TPS (IPP Unit-1&2) (2X660MW) 220kV Interconnecting Lines at Chhitorgarh : (i) 220 kV D/C from 400kV Chittorgarh to 220kV GSS Sawa (ii) LILO of 220kV S/C Chittorgarh - Debari line at 400kV GSS Chittorgarh (iii) 2 No 220kV bays at 220kV GSS Sawa	100.00	100.00	50.00
5	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) (ii) 220 kV D/C Jodhpur (New) - Jhalamand (U/C 220 Kv GSS) (iii) 220 kV D/C Jodhpur (New) - Barli (U/C 220 Kv GSS)	400.00	300.00	100.00

6	Power Evacuation System of Suratgarh Super Critical TPS 220 kV Interconnections at 400/ 220 kV GSS Babai(Jhunjhunu)			
	(i) LILO of existing 220 kV S/C Khetri-Heerapura line at 400kV GSS Babai (Jhunjhunu)	10.00	10.00	-
7	220 kV Revised Interconnections			
	(i) Extensiopn of 220 kV S/C VKIA- Kukas LILO line up to 220kV GSS Manoharpur	1200.00	1200.00	100.00
	(ii) 2 No. bays at 220kV GSS Manoharpur.			
8	JODHPUR CITY EHV NETWORK STRENGTHENING SCHEME-I [JDENSS-I]			
	(i) 220 kV GSS at Barli (Distt. Jodhpur)	500.00	500.00	200.00
	(ii) LILO of 220kV Jodhpur (400kV GSS)-Jodhpur (220kV GSS) interconnector-II at Barli			
9	(i) 220 kV GSS at Jhalamand (Up-gradation) (Distt. Jodhpur)	2000.00	2000.00	2000.00
	(ii) LILO of 220kV Jodhpur (400kV GSS)-Jodhpur (220kV GSS) interconnector-I at Jhalamand			
10	Normal development works 220 kV interconnections at 400/220 kV GSS at Neemrana(PG)			
	(i) 220 kV D/C line from PGCIL's 400/220 kV Neemrana (PG) to Behror (220 kV GSS) Line charged on 13.6.15.	50.00	50.00	-
	(ii) 2 No bays at Behror			
11	220 kV interconnections at 400/220 kV GSS at Kotputli (PG)			
	(i) LILO of one circuit of approved 220 kV D/C Kotputli-Manoharpur line at PGCIL's 400/220 kV Kotputli(PG)	50.00	50.00	-
	(ii) 220 kV D/C line from PGCIL's 400/220 kV Kotputli(PG) to Bansur .			
	(iii) 2 No bays at Bansur			
	Supplementary Transmission System for Power Evacuation Scheme of Solar Power Projects in Jaisalmer, Barmer, Jodhpur and Bikaner Districts			
	RVPN scope schemes			
13	220 KV D/C Badisid-Aau (220 KV GSS) line	500.00	500.00	-
14	LILO of both circuits of 220kV D/C Ramgarh GTPS- Dechu line at 400kV Ramgarh . Line completed	50.00	50.00	-
	KfW funded schemes			
15	(i) 220/132 KV, 1x160 MVA and 132/33kV, 1x20/25 MVA GSS at Chatrail (Distt. Jaisalmer)	4500.00	50.00	2600.00
	(ii) 2 Nos. 220kV bays at 220kV GSS Ramgarh (400kV GSS)			
	(iii) 220 KV D/C Chatrail-Ramgarh (U/C 400 KV GSS) line (RVPN)			
16	(i) 220/132 KV, 1x160 MVA and 132/33kV, 1x20/25 MVA GSS at PS_1(New location) / Bajju (Bikampur) (Bikaner Distt.):	4500.00	50.00	2800.00
	(ii) 2 Nos. 220kV bays at 400/220kV GSS Bhadla			
	(iii) 220 KV D/C PS_1 / Bajju -Bhadla (U/C 400 KV GSS) line			
17	(i) 220/132 KV, 1x160 MVA and 132/33kV, 1x20/25 MVA GSS at Pokran (New loc.)(Jaisalmer Distt.):	4500.00	50.00	2700.00
	(ii) LILO of both circuits of U/C 220 KV D/C Ramgarh GTPP – Dechu line at Pokaran			
18	(i) 220/132 KV, 1x160 MVA and 132/33kV, 1x20/25 MVA GSS at Kolayat (New loc.)(Bikaner Distt.):	4500.00	50.00	3100.00
	(ii) 2 Nos. 220kV bays at 220kV GSS Gajner			
	(iii) 220 KV D/C Gajner (U/C 220 KV GSS)-Kolayat line			
18	(i) 220/132kV, 2x160 MVA, 132/33 kV, 2x40/50 MVA GSS Undoo	6000.00	50.00	5000.00
	(ii) 220 kV D/C interconnection line from 220 kV GSS Undoo to approved 220 kV GSS Pokaran			
	(iii) 2 nos., 220 kV Extension bays at 220 kV GSS Pokaran			
	ADB loan schemes			
19	Optical Fibre Cable System for 220kV & 132kV Schemes already approved under Main Transmission System for New Solar & Wind Power Plants & Smart Grid Applications.			
	(i) 220kV Transmission Lines already approved under Main Transmission System for Solar & Wind Power Plants (Total Route length 140km)	120.00	120.00	500.00
	(ii) Software Development for Integration/Innovation, Smart Grid Applications etc.			
	Normal development works			
20	(i) 220/132kV, 1x160 MVA GSS at Sayla (Distt. Jalore)	200.00	200.00	-
	(ii) 1 No. 220kV extension bay at 220kV GSS Jalore			
	(iii) 220 kV D/C Bhinmal(400 kV GSS-PG)-Sayla (proposed 220 kV GSS) line			
	(iv) 220 kV S/C Jalore -Sayla(proposed 220 kV GSS) line			
21	(i) 220/132kV, 1x160 MVA GSS at Vatika (Distt. Jaipur)	200.00	200.00	50.00
	(ii) 220 kV D/C Jaipur (South-PG) - Vatika line.			
	(iii) LILO of 220kV S/C KTPS- Sanganer line at proposed 220kV Vatika.			
22	(i) LILO of one ckt. Of under construction 220kV D/C Ramgarh GTPS - Dechu line at 220kV GSS Amarsagar.	100.00	200.00	50.00
	(ii) 2 No. bays at 220kV GSS Amarsagar.			
	Composite Power Evacuation System [Chhabra Super Critical TPS(2x660MW) and Kalisindh TPS (2x600 MW)]			
23	LILO 220kV Ajmer-Kishangarh Line at 400kV Ajmer GSS. Line completed	50.00	100.00	50.00
	Normal development works			
24	(i) 220 kV S/C Sirohi- Pindwara line	300.00	300.00	200.00
	(ii) 1 no.bays at 220kV GSS Sirohi			

	(iii) 1 no.bays at 220kV GSS Pindwara			
25	(i) 220 GSS at Kuchera (New location) (Distt. Nagaur)	200.00	200.00	-
	(ii) LILO of 220 kV Nagaur - Merta line at proposed 220 kV GSS Kuchera.			
26	(i) 220/132kV GSS at Mandalgarh(New) (Distt. Bhilwara)	1600.00	1600.00	200.00
	(ii) LILO of 220kV Kota (PG) -Bhilwara line at proposed 220 kV GSS Mandalgarh.			
27	(i) 220/132kV GSS at Chonkarwada (Distt. Bharatpur)	300.00	300.00	-
	(ii) 220 kV D/C Hindaun (400kV GSS)-Chonkarwada line			
	(iii) LILO of 220kV S/C Mandawar-Nadbai-Bharatpur line at 220kV Chonkarwada.			
	(iv) 2 Nos. 220kV bays at 400kV GSS Hindaun			
	(v) 2 No. 132kV bays at GSS Bhusawar			
	(vi) 2 No. 132kV bays at GSS Mahuwa			
28	(i) 220/132kV GSS at Behror (Distt. Alwar)	200.00	200.00	-
	(ii) LILO of one circuit of 220 kV D/C Neemrana-Kotputli line at proposed 220kV GSS Behror			
29	(i) 220/132kV GSS at Bansur (Distt. Alwar)	800.00	800.00	100.00
	(ii) LILO of 220 kV S/C Alwar-Kotputli line at proposed 220 kV GSS at Bansur			
30	(i) 220/132kV GSS at Amberi (Distt. Udaipur)	1000.00	1000.00	1200.00
	(ii) LILO of 220 kV S/C Kankroli(PG)-Debari line at 220 kV GSS Amberi. Line almost completed			
31	(i) 220/132kV GSS at Danta Ramgarh (Distt. Sikar)	1200.00	1200.00	400.00
	(ii) 1 Nos bay at 220kV GSS Renwal			
	(iii) 1 Nos bay at 220kV GSS Dhod			
	(iv) 220 kV S/C Renwal-Danta Ramgarh line			
	(v) 220 kV S/C Dhod -Danta Ramgarh line			
	Power Evacuation System for Proposed Wind Project in Banswara and Pratapgarh area.			
32	(i) 220/132kV,1x100MVA GSS at Pratapgarh (Up-gradation)	4200.00	2500.00	500.00
	(ii) 2 Nos bays at 220kV GSS Chittorgarh			
	(iii) 2 Nos bays at 220kV GSS Nimbahera			
	(iv) 220 kV D/C Pratapgarh-Chittorgarh (400 kV GSS) line with one circuit via 220 kV GSS Nimbahera			
	Normal Development Works			
33	(i) 220/132kV, 2x160 MVA GSS at NPH Jodhpur (Up-gradation)	6000.00	2000.00	500.00
	(ii) 220 kV D/C 1000 SQ. MM XLPE Cable between Jodhpur(220 kV GSS) & proposed 220 kV GSS NPH		500.00	2500.00
	(iii) 2 Nos. 220kV bays at 220kV GSS Jodhpur			
34	(i) 220/132kV, 1x160 MVA GSS at Jethana (Distt. Ajmer)	700.00	700.00	100.00
	(ii) 2 Nos. 220kV bays at 400/220kV GSS Ajmer			
	(iii) 1 No. 132kV extension bay at 132kV GSS Saradhana			
	(iv) LILO of 220 kV S/C Ras-Merta line at proposed 220 kV GSS Jethana			
	(v) 220kV D/C Ajmer (400 kV GSS)-Jethana (proposed 220 kV GSS) line			
35	(i) 220/132kV, 1x100 MVA GSS at Goner (Distt. Jaipur)	1700.00	1700.00	200.00
	(ii) LILO of one circuit of proposed 220kV D/C Jaipur (South) - Chaksu line at proposed 220kV GSS Goner.			
36	(i) 220/132kV, 1X160 MVA & 132/33kV,1X20/25 MVA GSS at Niwana (Distt. Jaipur)	800.00	800.00	-
	(ii) LILO 220kV S/C Heerapura- Babai line at proposed 220kV gss Niwana			
37	(i) 220/132kV, 1x160MVA GSS at Bherunda (Distt. Nagaur)	2500.00	1500.00	2500.00
	(ii) 220 kV D/C , Ajmer (400kV) - Bherunda line			
38	(i) 220/132 kV, 1x160 MVA GSS at Bhawanimandi (New Location) with 132/33 kV, 20/25 MVA capacity Transformer	3500.00	2500.00	1000.00
	(ii) 220 kV S/C Kalisindh- Bhawanimandi line (R)			
	(iii) 220 kV S/C Modak- Bhawanimandi line (R)			
	New Start 2016-17			
	New transmission system for evacuation of generation from new solar and wind power plants in Western & South Eastern Rajasthan.			
46	220/132 kV, 2x160 MVA & 132/33 kV, 2 x 40/50 MVA GSS Sheo (Distt.- Barmer) (New Location) alongwith 25 MVAR, 220 kV Bus Reactor (ADB)	-	500.00	2000.00
	(i) 220/132 kV, 2x160 MVA & 132/33 kV, 2x 40/50 MVA GSS at Sheo (Barmer) (new loc.) alongwith, 220 kV- 1x25 MVAR Bus Reactor , 2 nos- 220 kV, 6 nos. - 132 kV & 6 nos. - 33 kV bays for power developers	-		20.00
	(ii) 2 nos. 220 kV extension bays at 220 kV GSS Undoo	-		20.00
	(iii) 220 kV D/C line from proposed 220 kV GSS Sheo to 220 kV GSS Undoo	-	200.00	800.00
	(iv) LILO of 220 kV S/C Akal- Barmer line at proposed 220 kV GSS Sheo	-	200.00	800.00
47	220/132 kV, 2x160 MVA & 132/33 kV, 2 x 40/50 MVA GSS Salangarh/ Ghatol (Distt.- Banswara) (New Location)	-	100.00	2000.00
	(i) 220/132 kV, 2x160 MVA & 132/33 kV, 2x 40/50 MVA GSS at Salangarh/ Ghatol alongwith 220 kV- 1x25 MVAR Bus Reactor (2 nos- 220 kV, 6 nos. - 132 kV & 6 nos. - 33 kV bays for power developers)	-		20.00
	(ii) 2 nos. 132 kV extension bays at 132 kV GSS Dalot	-	5.00	20.00
	(iii) 220 kV bays at 220 kV GSS Pratapgarh	-	5.00	20.00
	(iv) 220 kV D/C Salamagr/ Ghatol - Pratapgarh line	-	20.00	800.00
	(v) LILO of 220 kV S/C Banswara- Aspur line at 220 kV GSS Salangarh/ Ghatol	-	10.00	400.00
48	New 220 kV Line (new solar and wind power plants in Western & South Eastern Rajasthan.) (ADB)			

	(i) 220 kV D/C Baithwasia- Khinvsar line	-	20.00	800.00
	(ii) 2 nos. 220 kV extension bays at 220 kV GSS Baithwasia	-	5.00	20.00
	(iii) 2 nos. 220 kV extension bays at 220 kV GSS Khinvsar	-	5.00	20.00
	Normal development works			
49	220/132 kV, 160 MVA GSS at Chhatargarh (Upgradation)		200.00	2000.00
	220 kV D/C line from 220 kV GSS Gajner to proposed 220 kV GSS Chhatargarh		400.00	2500.00
50	(i) 220/132 kV, 1x160 MVA GSS at Kushlana (Sardarshahar)(Distt. Churu)		500.00	1000.00
	(ii) LILO of one circuit of 220 kV D/C STPS- Ratangarh line at proposed 220 kV GSS Kushlana (Sardarshahar)		100.00	300.00
B.	New 400 kV & 220 kV Schemes (to be identified) (Including land cost for land bank & PPP schemes and their preliminary boundary wall works etc)	2000.00	1000.00	2000.00
C.	220 kV Bus Bar Protection Scheme	1000.00	2200.00	2200.00
D.	Carried Over Liabilities (Civil works & Bal.Elect. Works - 220kV & 400kV)of Sub Stations & Lines Commissioned in last 3 years only			
	(a) CE (T&C), Jaipur Zone	200.00	200.00	400.00
	(b) CE (T&C), Jodhpur Zone	300.00	300.00	600.00
	(c) CE (T&C),Ajmer Zone	200.00	200.00	400.00
	(d) CE (Civil), Jaipur	100.00	100.00	200.00
	(e) CE (Civil), Jodhpur	200.00	200.00	400.00
	III. Total (220 kV)	62330.00	33750.00	48650.00
	Target 220 kV - WORKING			
	Annual Plan target			
IV	132kV SCHEMES			
A	On-Going Schemes			
	Normal Development Schemes			
1	(i) 132kV GSS at Khetusar (Jodhpur)	50.00	50.00	-
	(ii) 132kV S/C Bhadla-Khetusar line			
	(iii) 1 No. Bay at 132kV GSS at Bap			
2	(i) 132/33kV, 20/25MVA GSS at Batoda (Sawaimadhopur)	50.00	50.00	-
	(ii) 132kV S/C line from 220kV Gangapurcity GSS to Batoda			
	(iii) 1 No. 132kV bay at 220kV GSS Gangapurcity			
3	(i) 132/33kV, 20/25MVA GSS at Kolukheri P.S.Chhabra (Distt. Baran)	50.00	50.00	-
	(ii) 132kV S/C Chhipabarod - Kolukheri line			
	(iii) 1 No. 132kV bay at 132kV GSS Chhipabarod			
4	LILO of 132kV Heerapura-VKIA-Rampura Dabri line with 132 kV GSS at RIICO, Sarna Doongar (Jaipur)	50.00	50.00	-
5	(i) 132kV GSS at Anandpur Kaloo (Pali)	100.00	100.00	-
	(ii) 132kV S/C Jaitaran-Anandpur Kaloo line			
	(iii) 1 No. Bay at 132kV GSS at Jaitaran			
6	(i) 132 kV GSS Posaliya (Arathwara)(Jodhpur)	100.00	100.00	-
	(ii) LILO 132kV Sirohi-Sumerpur line			
7	(i) 132 kV GSS Panchu (Distt. Bikaner)	50.00	50.00	-
	(ii) 132kV S/C Deshnok - Panchu			
	(iii) 1 No. 132kV bay at 220kV GSS Deshnok			
8	(i) 132/33kV, 20/25MVA GSS at Parbatsar (Nagaur)	100.00	100.00	-
	(ii) 132kV S/C Roopangarh-Parbatsar line			
	(iii) 1 No. 132kV bay at 132kV GSS Roopangarh			
9	(i) 132kV GSS at Hatundi(Jodhpur)	100.00	100.00	-
	(ii) 132kV S/C Baithwasia -Hatundi line			
	(iii) 1 No. 132kV bay at 220kV GSS at Baithwasia			
10	(i) 132kV GSS at Bijaipur (Chittorgarh)	500.00	500.00	200.00
	(ii) 1 No. 132kV bay at 220kV GSS Nimbahera			
	(iii) 132 kV S/C Nimbahera - Bijaipur line			
11	(i) 132/33kV, 20/25MVA GSS at Kanera (Chittorgarh)	600.00	600.00	100.00
	(ii) 132kV Nimbahera - Kanera line			
	(iii) 1 No. 132kV bay at 132kV GSS Bijaipur			
12	LILO of 132kV VKI - Vaishali Nagar line to New Jhotwara with 132kV GIS S/S at New Jhotwara (Jaipur) (Turnkey) on Tubular Monopoles (2.042km) Revised	200.00	200.00	100.00
13	LILO of 132kV S/C Bhuwana-Mahapalwas - Dulania line with 132 kV GSS at Mahapalwas (Jhunjhunu)	500.00	500.00	0.00
	Work associated with 220KV GSSs			
14	JODHPUR CITY EHV NETWORK STRENGTHENING SCHEME-I [JDENSS-I] Lines associated with 220 kV GSS Barli.			
	(i) LILO of existing 132 kV S/C Jodhpur-PS8 line at Barli	200.00	200.00	100.00
	(ii) LILO of existing 132 kV CHB-Soorsagar line at Barli			
	(iii) LILO of existing 132 kV S/C Tinwari-Soorsagar line at 400kV GSS Jodhpur.			
15	Strengthening scheme of existing 132kV Chopasani Housing Board (CHB) GSS			
	(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)	200.00	200.00	100.00
	(ii) Construction of 132kV Bus coupler bay at 220kV GSS Jodhpur.			
16	132kV D/C Baithwasia-Osian line (ATS 220kV Baithwasia) One ckt comm. On 6.10.15	50.00	50.00	0.00
17	132 kV S/C from 220 kV GSS Lalsot to existing 132 kV GSS Toonga (ATS 220kV Lalsot)	100.00	100.00	-

18	LILO of existing 132 kV S/C Mokhampura –Amet line at 220 kV GSS Bamantukda	10.00	10.00	-
19	(i) LILO of existing 132 kV S/C Sayla-Daspan line at proposed 220 kV GSS Sayla (ii) LILO of existing 132 kV S/C Sayla-Jeewana line at proposed 220 kV GSS Sayla.	Incl. in 220kV GSS Sayla	Incl. in 220kV GSS Sayla	-
20	(i) LILO of 132 kV S/C Beawar-Nasirabad line at proposed 220 kV GSS Jethana (ii) 132 kV S/C line from proposed 220 kV GSS Jethana to 132 kV GSS Saradhana	Incl. in 220kV GSS Jethana	Incl. in 220kV GSS Jethana	-
21	LILO of 132kV S/C Bassi- Puranaghat line at proposed 220kV GSS Goner.	Incl. in 220kV Goner	Incl. in 220kV Goner	-
22	LILO of 132kV S/C Balawala- Phagi line at proposed 220kV Vatika.	Incl. in 220kV GSS Vatika	Incl. in 220kV GSS Vatika	-
23	(i) LILO of existing 132 kV Merta-Kuchera line at proposed 220 kV GSS Kuchera (ii) LILO of existing 132 kV Kuchera - Sanjoo line at proposed 220 kV GSS Kuchera	incl. in 220kV scheme	incl. in 220kV scheme	-
24	(i) LILO of existing 132 kV S/C Mandalgarh- Begun line at proposed 220 kV GSS Mandalgarh (ii) LILO of existing 132 kV Bijolia-Beegod line at proposed 220 kV GSS Mandalgarh	incl. in 220kV scheme	incl. in 220kV scheme	-
25	(i) 132kV D/C line from 220kV Chonkarwada to 132kV GSS Bhusawar (Revised) (ii) 132kV D/C line from 220kV Chonkarwada to 132kV GSS Mahuwa (52.48 ckm) (iii) 2 Nos. 132kV bays at 132kV GSS Bhusawar (iv) 2 Nos. 132kV bays at 132kV GSS Mahuwa (Dausa)	incl. in 220kV Chonkarwada	incl. in 220kV Chonkarwada	incl. in 220kV Chonkarwada
26	(i) LILO of 132kV S/C Behror-Jakhrana line at 220kV GSS Behror (ii) LILO of 132kV S/C Keshwana-Behror line at 220kV GSS Behror (iii) 132kV S/C Jakhrana-Mandan line	incl.in 220kV Behror	incl.in 220kV Behror	incl.in 220kV Behror
27	(i) LILO of 132 kV S/C Kotputli-Bansur line at proposed 220 kV GSS Bansur (ii) 132 kV S/C Bansur (220 kV GSS)-Mundawar line (iii) LILO of 132 kV S/C Alwar (220kV) - Bansur (132kV) line at U/C 220 kV GSS Bansur alongwith 2 No. 132kV terminal bays at 220kV GSS Bansur (New sanctioned in addition to above)	incl.in 220kV Bansur	incl.in 220kV Bansur	
28	(i) LILO of 132 kV S/C Debari-Sukher line at proposed 220 kV GSS Amberi (ii) LILO of 132 kV S/C Sukher-Seesarma line at proposed 220 kV GSS Amberi	Incl in 220kV Amberi	Incl in 220kV Amberi	Incl in 220kV Amberi
29	(i) LILO of 132kV S/C Chomu- Markhi line at 220kV GSS Niwana (ii) 132kV D/C line from 220kV GSS Niwana to 132kV GSS Govindgarh (iii) 2 No. 132kV bay at 132kV GSS Govindgarh	Incl in 220kV Niwana	Incl in 220kV Niwana	Incl in 220kV Niwana
30	(i) 132 kV S/C PS2 - Kanasar (To be erected on D/C towers) (ii) 132 kV D/C PS3 - Kanasar line	incl. in 220kV scheme Kanasar	incl. in 220kV scheme Kanasar	incl. in 220kV scheme Kanasar
31	JAIPUR CITY EHV NETWORK STRENGTHENING SCHEME-III [JENSS-III]			
(a)	(i) 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) (ii) 2 Nos. 132kV Terminal Bays at 132 kV S/S Sitapura. (iii) 220 kV D/C Interconnection between 220 kV Sitapura (Proposed) and 132 kV Sitapura (Existing) [Charged on 132 kV]	300.00	300.00	100.00
	Normal Development Works			
32	(i) 132kV GSS at Kirmarsariya (Jodhpur) (ii) 132kV S/C Tinwari-Kirmarsariya line (iii) 1 No. Bay at 132kV GSS at Tinwari	100.00	100.00	-
33	132 kV S/C Karauli -Mandrayal line with 132 kV GSS Mandrayal (Karauli)	1000.00	1000.00	500.00
34	(i) 132kV GSS at Mangrol (Baran) (ii) 132kV S/C Baran-Mangrol line (iii) 1 No. Bay at 132kV GSS at Baran	100.00	100.00	-
35	(i) 132/33kV, 20/25MVA GSS at Ghatol (Banswara) (ii) 132kV S/C Paloda -Ghatol line (iii) 1 No. 132kV bay at 132kV GSS Paloda	100.00	100.00	-
36	(i) 132 kV GSS Arain, Tehsil-Kishangarh (Ajmer) (ii) LILO of 132kV Silora-Malpura line	100.00	100.00	-
37	(i) 132 kV GSS Seemalwara (Dungarpur) (ii) 132kV GSS Sagwara -Seemalwara (Dungarpur) (iii) 1 No. 132kV bay at 132kV GSS Sagwara	200.00	200.00	-
	Normal Development Works			
38	(i) 132/33kV, 20/25MVA GSS at Sherera (Bikaner) (ii) LILO 132kV Bikaner-Dulhasar line	200.00	200.00	-
39	(i) 132 kV GSS Pahari PS Kaman (Distt. Bharatpur) (ii) 132kV S/C Kaman - Pahari PS Kaman (iii) 1 No. 132kV bay at 220kV GSS Lalsot	700.00	700.00	-
40	(i) 132 kV GSS bhasina (Distt. Churu) (ii) 132kV S/C Parewara - Bhasina line (iii) 1 No. 132kV bay at 132kV GSS Parewara	200.00	200.00	-
41	(i) 132/33 kV, 20/25 MVA GSS Chhatargarh (Distt. Bikaner) (ii) 132kV S/C Khajuwala- Chhatargarh line (iii) 1 No. 132kV bay at 132kV GSS Khajuwala	500.00	500.00	200.00
42	132kV S/C Galifa - Sata line. 1 No. 132kV bay at 132kV GSS Galifa 1 No. 132kV bay at 132kV GSS Sata	500.00	500.00	400.00
43	(i) 132 kV GSS Degana (Nagaur) (ii) 132kV GSS Sanjoo-Degana-Bherunda line (iii) 1 No. 132kV bay at 132kV GSS Bherunda (iv) 1 No. 132kV bay at 132kV GSS Sanjoo	800.00	800.00	200.00
44	(i) 132/33kV, 20/25MVA GSS at Parasneu (Churu)	800.00	800.00	200.00

45	(ii) LILO Ratangarh-Sridungargarh line (i) Construction of 132kV S/C Nokha Daiya - Khajuwala line (ii) 1 No. 132kV bay at 132kV GSS Nokha Daiya (iii) 1 No. 132kV bay at 132kV GSS Khajuwala	100.00	300.00	100.00
46	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)	300.00	300.00	100.00
47	(i) 132/33 kV, 20/25 MVA GSS Govindgarh PS Laxmangarh (Distt. Alwar) (ii) 132kV LILO from 132kV Nagar -Ramgarh line up to 132kV GSS Govindgarh	300.00	300.00	-
48	Associated schemes of 220kV GSS Bhawanimandi (i) LILO of 132 kV S/C Bhawanimandi- Hemda line (ii) LILO of 132 kV S/C Bhawanimandi- Dug line	Incl. in 220kV Bhawanimandi	Incl. in 220kV Bhawanimandi	-
49	(i) 132 kV GSS at Bapini (District – Jodhpur) (ii) 132 kV S/C Line from 220/132 kV GSS Aau- Bapini (iii) 132 kV Feeder bay at 220/132 kV GSS Aau	800.00	300.00	800.00
50	(i) 132 kV GSS at Setrawa (District – Jodhpur) (ii) 132 kV S/C Dechu (220 kV GSS) - Setrawa (iii) 132 kV Feeder bay at 220/132 kV GSS Dechu	500.00	800.00	100.00
51	(i) 132/33kV, 20/25MVA GSS at Gogelaw (Nagaur) (ii) LILO of 132kV Nagaur - Khinvsar line	500.00	800.00	200.00
52	(i) 132/33kV, 20/25MVA GSS at Bhikamkore (Jodhpur) (ii) 132kV S/C Bhikamkore - Biathwasia (220kV GSS) line (Revised) (iii) 132kV feeder bay at 220/132kV GSS Baithwasia	800.00	800.00	100.00
53	(i) 132/33kV, 20/25MVA GSS at S.S.Nagar (Jodhpur) (ii) LILO of 132kV S/C Phalodi - Aau at S.S.Nagar (Jodhpur)	500.00	500.00	-
54	(i) 132/33kV, 20/25MVA GSS at Peepalwa (Banswara) (ii) LILO of 132kV S/C Banswara - Dalot line at Peepalwa (Banswara)	500.00	500.00	-
55	(i) 132/33kV, 20/25MVA GSS at Mokhampura (Pratapgarh) (ii) LILO of 132kV S/C Pratapgarh - Dalot line at Mokhampura (Pratapgarh)	500.00	500.00	200.00
56	(i) 132/33kV, 20/25MVA GSS at Bichiwara (Dungarpur) (ii) 132kV S/C Bichiwara (Dungarpur) - Kherwara (under constriction) line (iii) 132kV bay at Kherwara	600.00	600.00	-
57	(i) 132/33kV, 20/25MVA GSS at Joojhpura (Udaipur) (ii) 132kV S/C Joojhpura (Udaipur) - Bhinder (132kV GSS) line (iii) 132kV bay at Bhinder	800.00	1000.00	200.00
58	(i) 132/33kV, 20/25MVA GSS at Balicha (Udaipur) (ii) LILO of 132kV S/C Madri - Jawar mines line at Balicha (Udaipur)	800.00	100.00	1200.00
59	(i) 132/33kV, 20/25MVA GSS at Bhim (Rajsamand) (ii) 132kV S/C Bhim (Rajsamand) - Asind (132kV GSS) line (iii) 132kV bay at Asind	300.00	300.00	-
60	LILO 132kV Jodhpur-Baori line for 132 kV Jhalamand with 132kV GSS at Jalamand (Jodhpur)	200.00	50.00	50.00
61	LILO of existing 132 kV S/C Jodhpur(220kV GSS)- Bilara line at Jhalamand	Incl. in 220kV scheme Jhalamand	Incl. in 220kV scheme Jhalamand	Incl. in 220kV scheme Jhalamand
62	Jaipur City EHV Network Strengthening Scheme-IV (Phase-I) 132kV Interconnection (i) 132 kV Hybrid GIS Bay at Jawahar Nagar (Jaipur) (ii) 132 kV S/C Cable system between 132 kV MNIT and 132 kV Substation Jawahar Nagar	500.00	100.00	200.00
63	Interconnections for 220 kV GSS Nawalgarh (RVPN Scope) (i) 132kV D/C Nawalgarh (220kV GSS) - Nawalgarh (132kV GSS) line with 2 Nos. 132kV feeder bays at 132kV GSS Nawalgarh (ii) 132kV D/C portion of above lineemanating from 220kV GSS Nawalgarh	500.00	500.00	500.00
64	(i) 132 kV S/C Nawalgarh(220 kV) - Kumawas line (ii) 1No. 132kV bay at Kumawas.			
65	(i) 132 kV S/C Nawalgarh(220 kV) - Gudagorji line (ii) 1No. 132kV bay at Gudagorji			
66	(i) 132 kV D/C portion of above line emanating from 220 kV GSS Nawalgarh (ii) 1No. 132kV bay at Nawalgarh			
	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)			
67	LILO of existing 132 KV S/C PS1-Bajju line at proposed 220 KV GSS PS_1 / Bajju (KfW)	Incl in 220kV scheme	Incl in 220kV scheme	16.00
68	LILO of existing 132 KV S/C Chandan-Pokaran line at proposed 220 KV GSS Pokaran			100.00

69	LILO of existing 132 kV S/C Kolayat-Bajju line at proposed 220 kV GSS Kolayat (KfW)			400.00
70	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)			
	(i) 132kV Transmission Lines already approved under Main Transmission System for Solar & Wind Power Plants (Total Route length 22km)	Incl in 220kV scheme	Incl in 220kV scheme	Incl in 220kV scheme
71	Power Evacuation Scheme for New Wind and Solar Projects in Banswara, Pratapgarh and Barmer districts (i) 132 kV D/C interconnection at proposed 220 kV GSS Undoo (ii) 2 nos., 132 kV extension bays	500.00	100.00	500.00
72	Normal Development works (i) 132/33kV, 20/25MVA GSS at Desuri (Distt. Pali) (ii) 132kV S/C Bali - Desuri line (iii) 1 No. 132kV bay at 220 kV GSS Bali	900.00	900.00	100.00
73	(i) 132/33kV, 20/25MVA GSS at Mamoni (Distt. Baran) (ii) 132kV S/C Kelwara - Mamoni line (iii) 1 No. 132kV bay at 132 kV GSS Kelwara	1000.00	1000.00	700.00
74	132 kV S/C line (2nd circuit) between 220 kV GSS VKIA and 132 kV GSS VKIA, Jaipur on Tubular Monopoles [Inplace of earlier scheme of Extension of Existing 132 kV S/C VKIA - Pratap Steel line upto 220 kV GSS VKIA]	600.00	100.00	100.00
75	(i) 132/33 kV, 20/25 MVA capacity Grid Substation at Kishanganj (Distt. Baran) (ii) LILO of 132 kV Baran - Kelwara line [In place of already approved scheme of 132 kV substation at Bhanwargarh (Kishanganj) (Distt. Baran)]	500.00	500.00	-
76	(i) 132/33 kV, 20/25 MVA substation at Dadabari (ii) LILO of 132 kV Sakatpura- I/A -II line on Narrow Base and Monopole Towers	1000.00	1000.00	500.00
77	(i) 132/33 kV, 20/25 MVA GSS at Rooparail PS Jhalrapatan (ii) LILO of 132 kV S/C Jhalawar - Bakani line	600.00	600.00	-
78	(i) 132/33 kV, 20/25 MVA GSS at Swaroopganj (ii) LILO of 132 kV S/C Pindwara-Aburoad line	500.00	500.00	-
79	(i) 132/33 kV, 20/25 MVA GSS at Water Works Sanwali Road, Sikar (ii) LILO of 132kV S/C Sikar-Ranoli line	500.00	200.00	700.00
80	(i) 132/33 kV, 20/25 MVA GSS at Bhanipura (ii) LILO of 132 kV S/C Sardarshahar-Rajiasar Line	500.00	500.00	-
	New start 2016-17 New transmission system for evacuation of generation from new solar and wind power plants in Western & South Eastern Rajasthan			
96	Interconnection of 220kV GSS Shooe (i) LILO of 132 kV S/C Sheo (132 kV GSS) - Undoo line at proposed 220 kV GSS Sheo (ii) LILO of 132 kV S/C Sheo (132 kV GSS) - Jaisalmer line at proposed 220 kV GSS Sheo	-	50.00	90.00
97	Interconnection of 220kV GSS Salamgarh/ Ghatol (i) 132 kV D/C line from proposed 220 kV GSS Salamgarh/ Ghatol to 132 kV GSS Dalot	-	10.00	80.00
	Normal development works			
98	Interconnecting line of 220KV GSS Chhatargarh 132 kV D/C line from proposed 220 kV GSS Chhatargarh to existing 132 kV GSS Loonkaransar	-	200.00	400.00
99	(i) 132/33 kV, 20/25 MVA substation at Sangarh (ii) LILO of 132 kV Jaisalmer-Sheo line	-	500.00	900.00
100	(i) 132/33 kV, 20/25 MVA substation at Bana Ka Bas (ii) LILO of 132 kV S/C Tinwari-Osian line	-	100.00	1300.00
101	(i) 132/33 kV, 20/25 MVA substation at Kitasar (ii) LILO of 132 kV Sri Dungargarh-Ratangarh line	-	200.00	300.00
101	(i) 132/33 kV, 20/25 MVA substation at Kitasar (ii) LILO of 132 kV Sri Dungargarh-Ratangarh line	-	500.00	900.00
102	(i) 132/33 kV, 20/25 MVA GSS at Tatarsar (ii) LILO of 132 kV Padampur-Sri Ganganagar line	-	50.00	25.00
102	(i) 132/33 kV, 20/25 MVA GSS at Tatarsar (ii) LILO of 132 kV Padampur-Sri Ganganagar line	-	100.00	1300.00
103	(i) 132/33 kV, 20/25 MVA GSS at Nathrau (ii) 132 kV S/C Dechu (220 kV GSS)-Nathrau line (iii) 132 kV feeder bay at 220 kV GSS Dechu	-	100.00	1200.00
104	(i) 132/33 kV, 20/25 MVA GSS at Marena (ii) LILO of Dholpur-Rajakhera line	-	25.00	200.00
104	(i) 132/33 kV, 20/25 MVA GSS at Marena (ii) LILO of Dholpur-Rajakhera line	-	50.00	600.00
106	(i) 132/33 kV, 20/25 MVA GSS at Gangdhar PS Dug (ii) 132 kV S/C Dug- Gangdhar line (iii) 132 kV feeder bay at 132 kV GSS Dug	-	25.00	100.00
106	(i) 132/33 kV, 20/25 MVA GSS at Gangdhar PS Dug (ii) 132 kV S/C Dug- Gangdhar line (iii) 132 kV feeder bay at 132 kV GSS Dug	-	50.00	1200.00
107	(i) 132/33 kV, 20/25 MVA GSS at Chouth Ka Barwara (ii) LILO of 132 kV Sawai Madhopur-Tonk line	-	10.00	25.00
107	(i) 132/33 kV, 20/25 MVA GSS at Chouth Ka Barwara (ii) LILO of 132 kV Sawai Madhopur-Tonk line	-	100.00	500.00
108	(i) 132/33 kV, 20/25 MVA GSS at Bera (ii) 132 kV S/C Sumerpur-Bera line (iii) 132 kV feeder bay at 132 kV GSS Sumerpur	-	50.00	100.00
108	(i) 132/33 kV, 20/25 MVA GSS at Bera (ii) 132 kV S/C Sumerpur-Bera line (iii) 132 kV feeder bay at 132 kV GSS Sumerpur	-	100.00	1200.00
109	(i) 132/33 kV, 20/25 MVA GSS at Baba Ram Mohan Temple	-	10.00	25.00
109	(i) 132/33 kV, 20/25 MVA GSS at Baba Ram Mohan Temple	-	500.00	900.00

	(ii) LILO of 132 kV Bhiwadi-Khushkhera line	-	40.00	10.00
110	(i) 132/33 kV, 20/25 MVA GSS at Nanta	-	200.00	1200.00
	(ii) LILO of 132 kV S/C Sakatpura-Talera Line	-	50.00	25.00
111	(i) 132/33 kV, 20/25 MVA GSS at Sarola Kalan PS Khanpur	-	50.00	500.00
	(ii) 132 kV S/C Khanpur- Sarola Kalan line	-	25.00	100.00
	(iii) 132 kV feeder bay at 132 kV GSS Khanpur	-	10.00	25.00
112	(i) 132/33 kV, 20/25 MVA GSS at Keshoraipatan	-	500.00	900.00
	(ii) LILO of Kota-Lakheri-Sawai Madhopur Ckt-I line	-	100.00	100.00
113	(i) 132/33 kV, 20/25 MVA GSS at Bhopalsagar	-	500.00	1000.00
	(ii) 132 kV S/C Kapasan-Bhopalsagar line	-	150.00	100.00
	(iii) 132 kV feeder bay at 132 kV GSS Kapasan	-	40.00	10.00
116	(i) 132/33 kV, 20/25 MVA GSS at Chordi	-	100.00	100.00
	(ii) LILO 132kV S/C Bagidora-Mahi Ph-2 line	-	50.00	50.00
117	(i) 132/33 kV, 20/25 MVA GSS at Bhamatsar	-	100.00	100.00
	(ii) LILO of 132 kV S/C Deshnok- Nokha line	-	50.00	50.00
118	Interconnection of 220KV GSS Kushlana	-	-	-
	(i) 132 kV D/C line from proposed 220 kV GSS Kushlana (Sardarshahar) to 132 kV GSS Patlisar Fanta	-	50.00	700.00
	(ii) LILO of existing 132 kV S/C Sardarshar - Rajiasar line at proposed 220 kV GSS Kushlana (Sardarshahar)	-	50.00	150.00
119	(i) 132 kV GSS at RIICO Growth Centre, Hamirgarh (Distt. Bhilwara)	-	500.00	900.00
	(ii) LILO of existing 132kV Hamirgarh-Nitin Spinners line upto 132 kV GSS RIICO Growth Centre, Hamirgarh (4 km)	-	100.00	61.00
B.	132 kV New Schemes (To be identified) (Including land cost for land bank & PPP schemes and their preliminary boundary wall works etc)	1000.00	500.00	1000.00
C.	Carried Over Liabilities (Civil works & Bal.Elect. Works - 132kV) of Sub Stations & Lines Commissioned			
	(a) CE (T&C), Jaipur Zone	200.00	200.00	400.00
	(b) CE (T&C), Jodhpur Zone	300.00	300.00	600.00
	(c) CE (T&C),Ajmer Zone	200.00	200.00	400.00
	(d) CE (Civil), Jaipur	100.00	100.00	200.00
	(e) CE (Civil), Jodhpur	200.00	200.00	400.00
	IV. Total (132 kV)	25710.00	28940.00	30377.00
	Target 132 kV - WORKING			
	Annual Plan target			
V	Capacitor banks (MVAR)			
	(a) CE (T&C), Jaipur Zone	200.00	200.00	500.00
	(b) CE (T&C), Jodhpur Zone	250.00	250.00	500.00
	(c) CE (T&C),Ajmer Zone	200.00	200.00	500.00
	(d) CE (Civil), Jaipur	150.00	150.00	250.00
	(e) CE (Civil), Jodhpur	200.00	200.00	250.00
VI	Augmentation (EAP & Plan)/(Upgradation)			
	i. Transformers capacity (MVA)			
	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			
	(a) CE (T&C), Jaipur Zone	7400.00	7400.00	7400.00
	(b) CE (T&C), Jodhpur Zone	7500.00	7500.00	7400.00
	(c) CE (T&C),Ajmer Zone	7200.00	7200.00	7400.00
	(d) CE (Civil), Jaipur	500.00	500.00	600.00
	(e) CE (Civil), Jodhpur	600.00	600.00	600.00
VII	Replacement of Plant and Machinery/ Equipment in Transmission system under various conditions (viz; failure/damage, End of life/obsolescence of technology etc.)			
	(a) CE (T&C), Jaipur Zone	1000.00	1000.00	800.00
	(b) CE (T&C), Jodhpur Zone	1000.00	1000.00	800.00
	(c) CE (T&C),Ajmer Zone	1000.00	1000.00	800.00
VIII	Automation/ SCADA solutions, RTU's/ BCU's, related primary equipments upgradations, communication interfaces/ channels (under ULDC, up gradation of existing S/S)	3500.00	2000.00	2000.00
IX	(i) Supply, installation, implementation , customization and integration of SAP ERP solution in RVPN	1200.00	1200.00	600.00
	(ii) Purchase of IT hardwares, associated standard software, Computer furniture, networking equipment, internet connectivity etc.	600.00	900.00	500.00
	(iii) Creation of Data Centre (San storage 2 , Racks , Server, Civil works , Networking etc.)	1300.00	800.00	800.00
	(iv) Capital cost on IT/non-IT goods for Integrated MIS & Computerisation in RVPN	60.00	84.00	48.00
	(v) Creation of IT centre at Chambal including civil, electrical works, IT & Communication related works , furniture and allied works.	200.00	100.00	55.00
X	RMU of equipments & protection schemes of RVPN (Scheme -II & III)	1500.00	1500.00	1000.00
XI	Replacement of old, obsolete and unserviceable PLCC equipment installed in RVPN system and installation of carrier set for dedicated data link for upcoming RTU under RMU and Augmentation scheme. (RMU- PLCC stage -II scheme)	400.00	400.00	200.00
XII	Supply, installation, & commissioning of ABT & TOD energy meters (Metering Schemes for Acquisition of Data from New and Existing ABT and TOD Energy Meter and its Communication / Transmission and Integraton with various data centers, GSSs and offices of RVPN.)	1700.00	1700.00	1000.00
XIV	(i) Smart Transmission Network & Asset Management System (STNAMS)	-	5000.00	30000.00
	(ii) Smart Transmission Operation Management System (STOMS)	-	1500.00	1500.00
XV	Old miscelleneous works	-	5000.00	2600.00
	Administration & Residential Buildings	776.16	800.34	2750.65
	Tools & Equipments	255.76	39.53	271.15

	Purchase of Vehicles	50.00	0.00	50.00
	Investment in Subsidiary Companies	10.00	10.00	10.00
XVI	Lumpsum provision at the disposal of CCOA	408.08	650.13	0.00
	Total (V to XVII)	39160.00	48884.00	71184.80
	Total of Transmission Works	238000.00	211696.00	269581.80
DEPOSIT WORKS -				
<u>SE (T&C) Jaipur City</u>				
	Modification of 220KV Power line crossing between Jaipur-Sikar by raising the height of 220KV S/C Heerapura-Kotputli line at Loc No. 581 to 584 (Railway Deposit Work) Railway Chainage 145/6-145/7	0.00	40.13	151.13
	Modification of 220KV Power line crossing between Jaipur-Sikar by raising the height of 220KV S/C Heerapura-Ketri line at Loc No. 402 to 405 (Railway Deposit Work) Railway Chainage 145/7-145/8	0.00	45.13	185.42
	Raising the height of EHT Transmission lines crossing at Ring Road due to construction of Six Laning of Jaipur Ring Road from Ajmer Road to Agra Road Section at Jaipur (Deposit work of JDA)	0.00	100.00	842.03
	CONSTRUCTION OF 1NO. 132KV FEEDER BAY FOR NORTH-WESTERN RAILWAY AT 220KV GSS NPH (deposit work)	0.00	0.00	86.31
	132KV S/C Underground cable from 220KV NALA POWER HOUSE TO RAILWAY TSS	0.00	0.00	421.21
<u>SE (T&C-Rural) Jaipur Rural</u>				
	Modification of 132KV & 220KV Power lines crossing between Jaipur-Sikar railway line section (Deposit work of Northern -Western Railway) Project Code- 150328, 150329, 150330	0.00	300.00	480.00
	Construction of 1 No. 132 KV Bay at 220 KV GSS Phulera and construction of 132 KV S/C line from 220 KV GSS Phulera to proposed 132/25 KV Traction sub station at Phulera Station in Jaipur -Ajmer Section (Deposit Work of North Western Railway). Project Code- 150322	0.00	282.97	0.00
	33KV feeder bay for M/S ICICI Bank Ltd. at 220KV GSS SEZ-I, Jaipur (Deposit Work) Project Code- 160326	0.00	28.48	0.00
	33KV feeder bay for M/S Waves Hotel & Estate Pvt. Ltd. at 220 KV GSS KKD.(Deposit Work) Project Code-160341	0.00	19.96	0.00
	33KV feeder bay for JDA BSUP Scheme at Jaisinghpura Khor, Delhi Road at 220 KV GSS KKD. (Deposit Work of JDA) Project Code- 160328	0.00	23.08	0.00
	33KV feeder bay for M/S Banganga Mines and Minerals pvt. Ltd. at 132 KV GSS Bilwadi. (Virat Nagar (Deposit Work) Project Code- 150393	0.00	15.99	0.00
<u>SE (T&C) Barmer</u>				
	Shifting of 132KV D/C Barmer-Sheo line	0.00	27.86	372.62
	Shifting of 220KV S/C Barmer-Balotra line	0.00	0.00	0.00
	Shifting of 220KV S/C Barmer-MPT line	0.00	0.00	0.00
<u>SE (T&C) Kota</u>				
	Modification of 132 KV S/C Rooparail- Bikani line	0.00	4.22	4.22
<u>SE (T&C) Alwar</u>				
	Construction of 1 No. 33KV bay for M/S CCE (R&D) for strategic project of DRDO, MOD GOI at 132KV GSS Chopanki I/A (Alwar) (AUCD/15.52)	0.00	20.58	0.00
	Modification of 132KV S/C Malakhera - Rajgarh line between Loc. No. 415-416 for maintaining vertical clearance at railway track crossing between malakhera - digawra railway section (MLIN 15.13)	0.00	45.38	45.38
	Modification of 220KV S/C Alwar-Kukas line between Loc. No. 25-26 for maintaining vertical clearance at railway track crossing between Malakhera - Digawara railway station (MLIN 15.12)	0.00	64.02	64.02
	Construction of 01 No. 132KV bay at 132KV GSS Mandan to Railways TSS (CBAY / 15.17)	0.00	28.37	28.37
	Construction of 132KV two phase line on D/C towers from 132KV GSS Mandan to proposed 132/25 TSS at Kathuwas Station in Rewari Phulera Section (CLIN/15.20)	0.00	122.12	122.12
	Construction of 132KV Two phase line from 132 KV GSS , Rajgarh to Railway TSS, Rajgarh (52/2015-16)	127.97	127.97	0.00
	Construction of 1 No. 132KV bay for Railway TSS Rajgarh at 132KV GSS , Rajgarh (51/2015-16)	48.40	48.40	0.00
	Construction of 220KV D/C line between 220KV GSS, Bhiwadi to DFCC, TSS Mundana on Tubular Mono Pole (Line length 3.218 KM approx.) (WIM No. 20/2014-15)		0.00	0.00
	Construction of 2 nos. 220 KV bays for M/s DFCC, Mundana at 220 KV GSS, Bhiwadi (WIM No. 21/2014-15)	2542.06	2542.06	0.00
	Installation of PLCC equipments for 2120 KV(D/C) Bhiwadi-Mundana TSS line (DFCC) (WIM No. 22/2014-15)		0.00	0.00
	Construction of 1 Nos. 33KV bay at 220 KV GSS, MIA, Alwar for M/s Synergy Steels Limited , MIA, Alwar (Deposit Work) (65/2015-16)	58.86	58.86	0.00
	Const. of 33KV bay from 220KV GSS, Neemrana	46.72	46.72	0.00
	Modification of Hgh Voltage Power Lines crossing across the Railway Track on Alwar -Digawara section	1.72	1.72	0.00
<u>SE (T&C) SWM</u>				
	33Kv bay work for water works duni	0.00	20.85	0.00
	Provision of 132KV Q2S Class CT& 0.2 Class PT in connection to ABT meters	0.00	13.41	0.00
<u>SE (T&C) Udaipur</u>				
	Shifting of Tower and Line of 132 kv S/C Madri-Zawarmines line for N.W. railway for Udaipur Umera Section	0.00	15.00	80.26
	132KV Bay at 132KV GSS Mavli for 132 KV /25 KV Traction Substation Mavli Railway Station	0.00	0.00	76.17
	132KV Transmission line fromt 132 KV GSS Mavli for 132 KV/25KV traction substation Mavli Railway Station	0.00	0.00	190.41
	132 KV Bay at 132 KV GSS Dakan Kotda for 132 KV/25 KV Traction Substation Umera Railway Station.	0.00	0.00	67.98
	132KV Transmission line from 132KV GSS Dakan-Kotda for 132KV /25KV traction substation Umera Railway Station	0.00	0.00	190.14

Shifting of Tower and Line of 220KV S/C Debari-RAPP - A line for Broad guage mavli Bari sadri line section for N.W. railway.	0.00	0.00	118.64
132KV S/C Bhatwer-Bhinder line for Broad Guage Mavli-Bari Sadri Line Section for N.W. Railway	0.00	0.00	70.36
Shifting of Tower and Line of 220KV S/C Debari-Chittorgarh line for Broad Guage Mavli Bari Sadri Line section for N.W. Railway.	0.00	0.00	116.64
<u>SE (TCC-IV) Jodhpur</u>	0.00	0.00	0.00
Shifting of 220 kv or 132 KV lines including shut down charges from Vivek Vihar Yojna	200.00	200.00	0.00
33 KV Bay Work at 220 KV GSS Pokaran	5.00	5.00	0.00
<u>SE (T&C) Ajmer</u>	0.00	0.00	0.00
132KV bay at Nasirabad for Rly. (NWR)	0.00	0.00	147.43
132KV S/C Nasirabad - Rly TSS (NWR)	0.00	0.00	453.65
<u>SE (T&C) Bhilwara</u>	0.00	0.00	0.00
1 No. 33KV Bay for M/S Baba Spinners at 132 KV GSS Raila	0.00	26.06	0.00
132KV line & Bay for M/S Railway at 132 KV GSS Raila	0.00	10.00	361.71
<u>SE (T&C) Merta City</u>	0.00	0.00	0.00
2 nos. 33KV Bay at 132 KV GSS Heesaba (Deposit)	0.00	41.77	0.00
2 nos. 33KV Bay at 132KV GSS Mundwa (Deposit)	0.00	40.84	0.00
1 Nos. 33KV Bay at 132 KV GSS Kuchera	0.00	26.10	0.00
2 Nos. 33 KV bay at 132 KV GSS Gogelaw	0.00	40.62	0.00
1 Nos. 33 KV Bay at 220 KV GSS Khinvsar (Deposit)	0.00	26.35	0.00
3 Nos. 33KV Bay at 132 KV GSS Merta City (Deposit)	0.00	57.91	0.00
2 Nos. 33KV Bay at 132 KV GSS Merta Road	0.00	34.13	0.00
2 Nos. 33KV Bay at 132 KV GSS Bherunda (Deposit)	0.00	47.36	0.00
<u>SE (T&C) Bikaner</u>	0.00	0.00	0.00
Construction of 2 Nos. 33 KV bays at 132. KV GSS, Bajju	0.00	38.15	0.00
Difference of Service Tax for Construction work of 2 Nos. 33 KV Bays at 132 KV GSS, Bajju	0.00	0.16	0.00
<u>SE (T&C) Kankani</u>	0.00	0.00	0.00
1 Nos. 132KV Bay at 220KV GSS Bhawad for HPCL MITTAL Pipeline	0.00	89.16	0.00
<u>SE (T&C) Ratangarh</u>	0.00	0.00	0.00
Removal of the dismantalling of existing 132KV gantry near 220KV GSS, Ratangarh Due to infrenchment of 132KV gantry in the diverted path of Ratangarh-Sardarsahar Railway line.	0.00	19.18	0.00
<u>SE (T&C) Chittoregarh</u>	0.00	0.00	0.00
33KV Bay at 132 KV GSS Ajoliya Ka Khera		26.51	0.00
	3030.73	4772.56	4676.24
Grand Total	241030.73	216468.56	274258.04
Less			
1. Expenditure on staff engaged on execution and D & S Charges	20707.00	17405.00	19262.00
2. Interest during Construction	28800.00	33500.00	39400.00
Net Works (Transmission and SLDC)	191523.73	165563.56	215596.04

Abbreviation Used :-

VR : Voltage Regulation Improvement Scheme.

LC : Load Catering Scheme.

SS : System Strengthening Scheme.

KfW : a financing institution of Germany

PSDF : Power System development System

RFD : Result Framework Document

0.00

4104.00

-1581.80

224400
217000
178000
204500
215800