

भारतीय गैर न्यायिक

दस
रुपये

रु.10



TEN
RUPEES

Rs.10

INDIA NON JUDICIAL

BEFORE THE UTTAR PRADESH ELECTRICITY REGULATORY
COMMISSION, LUCKNOW

उत्तर प्रदेश UTTAR PRADESH

66AC 360831

Filing No.

Case No.

IN THE MATTER OF : Paschimanchal Vidyut Vitran Nigam Ltd. Meerut
Filing of Annual Revenue Requirement for
FY 2016-17 AND True-up for FY 2013-14

I, VIJAY VISHVAS PANT S/o Mr. U.D. Pant do solemnly affirm and say as under :-

1. That I am the **Managing Director** of the above named Company and am authorized to make this affidavit on its behalf.
2. That I am filing the enclosed Annual Revenue Requirement for FY 2016-17 & True-up for FY 2013-14 alongwith other documents. The delay in submission may kindly be condoned.
3. That the Hon'ble Commission may kindly be pleased to accept the Annual Revenue Requirement and True-up petition and pass such necessary orders as it may deem necessary .
4. That Sri V.K. Singh, Executive Engineer (Commercial), PVVNL, Meerut is being authorized to sign the enclosed Annual Revenue Requirement and related documents.

Dated: December 01, 2015


(VIJAY VISHVAS PANT)
DEPONENT

केवल तीस महीने के लिए वैध VALID FOR

शेयर
ओ
डीप
टी
ओके
टी
सी

RUPEES

₹ 29000000 =

अदा करें

₹ 29000000 =

मूल्य प्राप्त VALUE RECEIVED

अदाकर्ता शाखा
DRAWEE BRANCH

SSD काजनाई

T 1056

S. S. S. S.

र. नं. क्र.

प्रतिष्ठित हस्ताक्षर

EMMEEDVIA

A

22 18 6 4 5

अ.सं./S.R. NO.

S. S. S. S.

S. S. Nos.

AUTHORISED SIGNATORIES

Please sign above

007940 0000150001

LB

PASCHIMANCHAL VIDYUT VITRAN NIGAM LIMITED

ANNUAL REVENUE REQUIREMENT
FOR FY 2016-17 AND TRUE UP
FOR FY 2013-14



PASCHIMANCHAL VIDYUT VITRAN NIGAM LIMITED

TABLE OF CONTENTS

1.	BACKGROUND AND PROCEDURAL HISTORY	10
1.1	BACKGROUND	10
1.2	DISTRIBUTION TARIFF REGULATIONS.....	11
1.3	ARR AND TARIFF ORDER FOR FY 2014-15 AND TRUE-UP ORDER FOR FY 2008-09 TO FY 2011-12	11
1.4	ARR AND TARIFF ORDER FOR FY 2015-16 AND TRUE-UP ORDER FOR FY 2012-13	12
1.5	ARR PETITION FOR FY 2016-17	13
1.6	STRUCTURE OF THE ARR PETITION FOR FY 2016-17	13
2.	TRUE UP PETITION FOR FY 2013-14	15
2.1	TRUE-UP SUMMARY FOR FY 2013-14.....	15
2.1.1	POWER PURCHASE EXPENSE	16
2.1.2	TRANSMISSION CHARGES.....	18
2.1.3	OPERATION AND MAINTENANCE EXPENSES	18
2.1.4	INTEREST ON LONG TERM LOANS.....	19
2.1.4.1	INTEREST ON CONSUMER SECURITY DEPOSITS	21
2.1.4.2	BANK AND FINANCE CHARGES	22
2.1.4.3	INTEREST ON WORKING CAPITAL.....	22
2.1.5	DEPRECIATION	23
2.1.6	PRIOR PERIOD EXPENSES.....	25
2.1.7	PROVISION FOR BAD AND DOUBTFUL DEBTS	26
2.2	REVENUE SIDE TRUING UP	26
2.2.1	REVENUE FROM SALE OF POWER	26
2.2.2	NON TARIFF INCOMES.....	26
2.2.3	GOUP SUBSIDY.....	26
2.2.4	AGGREGATE REVENUE REQUIREMENT FOR FY 2013-14 AFTER TRUING UP.....	27
3.	PROGRESS OF VARIOUS EFFICIENCY IMPROVEMENT MEASURES UNDERTAKEN	28
3.1	ENHANCEMENT OF CAPACITY OF EXISTING 33KV SUBSTATIONS	28
3.2	CONSTRUCTION OF NEW 33KV SUBSTATIONS.....	28
3.3	ADDITION OF NEW TRANSFORMERS.....	28
3.4	OTHER INITIATIVES	29
3.5	COMMERCIAL PROCESS IMPROVEMENT.....	29
3.6	DEDICATED 24X7 CALL CENTRE	30
4.	INVESTMENT PLAN DETAILS.....	31
4.1	R-APDRP.....	31
4.2	RURAL ELECTRIFICATION PROGRAMME (RGGVY).....	32
4.3	ENERGISATION OF PRIVATE TUBE WELLS (PTW).....	32
4.4	OTHER SCHEMES	33
4.5	AUGMENTATION OF DISTRIBUTION NETWORK	33
4.6	METERING OF CONSUMERS	33
4.7	INSTALLATION OF AERIAL BUNCH	33
4.8	CONDUCTORS.....	33
4.9	CONSUMER DEPOSIT WORKS.....	34
4.10	CAPITAL INVESTMENT PLAN FOR FY 2015-16 and FY 2016-17.....	34
5.	COMPLIANCE OF HON'BLE COMMISSION'S DIRECTIVES.....	37

6.	LOAD FORECAST AND REVENUE ASSESSMENT	43
6.1	DETAILED METHODOLOGY FOR LOAD FORECAST	44
6.1.1	OVERVIEW	44
6.1.2	METHODOLOGY	44
6.1.3	CONSUMER SUB-CATEGORY WISE PROJECTIONS	47
6.1.4	CONNECTED LOAD SUB-CATEGORY WISE PROJECTIONS	47
6.1.5	SALES SUB-CATEGORY WISE PROJECTIONS	47
6.1.6	PROJECTIONS FOR INPUT ENERGY	47
6.1.7	INPUT ENERGY REQUIREMENT	48
6.1.8	SALES FORECASTS FOR 2015-16 & 2016-17	48
6.2	SALES FORECAST	49
6.3	ACTUAL BILLING DETERMINANTS FOR FY 2014-15	78
6.4	BILLING DETERMINANTS FOR FY 2015-16	81
6.5	PROJECTED BILLING DETERMINANTS FOR FY 2016-17	84
6.6	SALES FORECAST AND ENERGY BALANCE	87
6.7	ESTIMATED REVENUE ASSESSMENT FOR FY 2015-16	88
6.8	PROJECTED REVENUE ASSESSMENT FOR FY 2016-17	89
7.	ARR FOR WHEELING & RETAIL SUPPLY BUSINESS	91
7.1	ESCALATION INDEX / INFLATION RATE	92
7.2	POWER PURCHASE COSTS	94
7.3	TRANSMISSION CHARGES	102
7.4	OPERATION & MAINTENANCE EXPENSES	103
7.4.1	O&M EXPENSES ON ADDITION TO ASSETS DURING THE YEAR	104
7.5	O&M EXPENSES FOR FY 2016-17	104
7.6	CAPITAL EXPENDITURE, CAPITAL FORMATION ASSUMPTION AND GROSS FIXED ASSET (GFA) BALANCES	105
7.7	FINANCING OF THE CAPITAL INVESTMENT	108
7.8	DEPRECIATION EXPENSE	109
7.9	INTEREST ON LONG TERM LOANS	110
7.10	FINANCE CHARGES	111
7.11	INTEREST ON CONSUMER SECURITY DEPOSITS	111
7.12	INTEREST ON WORKING CAPITAL	112
7.13	SUMMARY OF INTEREST AND FINANCE CHARGES	113
7.14	PROVISION FOR BAD AND DOUBTFUL DEBTS	114
7.15	OTHER INCOME	114
7.16	REASONABLE RETURN / RETURN ON EQUITY	115
7.17	CONTRIBUTION TO CONTINGENCY RESERVE	115
7.18	APPORTIONMENT OF O&M EXPENSES AND INTEREST & FINANCE CHARGES OF UPPCL	116
7.19	REVENUE SUBSIDY FROM GOUP	116
7.20	ARR SUMMARY	117
7.21	RETAIL AND WHEELING BUSINESS ARR SUMMARY	118
7.22	WHEELING CHARGES FROM OPEN ACCESS CONSUMERS	119
8.	TREATMENT OF REVENUE GAP	120
9.	PRAYERS	121

LIST OF ANNEXURES

Annexure-1	Tariff Filing Formats as prescribed by Distribution Tariff Regulations
Annexure-2	Statutory Accounts along with Supplementary Audit Report of the Accountant General of Uttar Pradesh for FY 2013-14
Annexure-3	Provisional Balance Sheet for FY 2014-15

LIST OF TABLES

Table 2-1: True Up Summary for FY 2013-14	15
Table 2-2: Allowable Power Purchase Input and Bulk Supply Tariff for FY 2013-14 under truing up	16
Table 2-3: Trued up Power Purchase Cost for PVVNL in FY 2013-14.....	17
Table 2-4: Allowable Intra-State Transmission Charges for FY 2013-14	18
Table 2-5: Operation & Maintenance Expenses FY 2013-14	19
Table 2-6: Capital Investments in FY 2013-14.....	20
Table 2-7: Consumer Contributions, Capital Grants and Subsidies in FY 2013-14	20
Table 2-8: Financing of the Capital Investments in FY 2013-14.....	20
Table 2-9: Allowable Interest on Long Term Loan for FY 2013-14.....	21
Table 2-10: Allowable Interest on Working Capital for FY 2013-14.....	22
Table 2-11: Allowable Interest and Finance Charges for FY 2013-14.....	23
Table 2-12: Gross Allowable Depreciation for FY 2013-14	24
Table 2-13: Net Allowable Depreciation for FY 2013-14	25
Table 2-14: Prior Period Items for FY 2013-14	25
Table 2-15: Allowable Provision for Bad and Doubtful Debts	26
Table 2-16: ARR for FY 2013-14 after Final Truing Up	27
Table 4-1: Capital Expenditure in FY 2015-16 (Rs Crore).....	34
Table 4-2: Proposed Capital Expenditure in FY 2016-17 (Rs Crore)	35
Table 5-1: Status of Compliance of the Directives issued vide Order dated 18.06.2015	37
Table 6-1: The schematic diagram for Energy flow in state of UP.....	43
Table 6-2: Projected Hours of Supply	45
Table 6-3: Consumption Determinant.....	46
Table 6-4: Distribution Losses Trajectory	48
Table 6-5: Energy Balance.....	48
Table 6-6: LMV Consumers Growth Rate	50
Table 6-7: HV Consumers Growth Rate	53
Table 6-8: Growth in LMV Consumer Load	55
Table 6-9: Energy Sales Assumption.....	59
Table 6-10: Sub- category wise projections of Number of consumer	65
Table 6-11: Sub category wise projections of connected load	69
Table 6-12: Sub category wise projections of energy sales	73
Table 6-13: Actual Billing Determinant for FY 2014-15	78
Table 6-14: Estimated Billing Determinant for FY 2015-16	81
Table 6-15: Projected Billing Determinant for FY 2016-17	84

Table 6-16: Energy Balance for FY 2014-15, 2015-16 and 2016-17.....	88
Table 6-17: Revenue Assessment for FY 2015-16.....	88
Table 6-18: Revenue Assessment for FY 2016-17.....	89
Table 7-1: Escalation Index for FY 2015-16.....	93
Table 7-2: Escalation Index for FY 2016-17.....	93
Table 7-3: Details of Power Procurement Cost for FY-2015-16.....	95
Table 7-4: Details of Power Procurement Cost for FY-2016-17.....	98
Table 7-5: Computation of the Bulk Supply Tariff.....	101
Table 7-6: Projected Power Purchase Costs for the Tariff Period.....	101
Table 7-7: Projected Transmission Charges.....	102
Table 7-8: Allocation of Incremental O&M expenses for FY 2016-17 (Rs Crore).....	104
Table 7-9: Allowable O&M Expenses for FY 2016-17 (Rs Crore).....	104
Table 7-10: Capital Investment Plan for FY 2016-17 (Rs Crore).....	105
Table 7-11: Capitalization and WIP of Investment during FY 2015-16 and 2016-17 (Rs Crore).....	107
Table 7-12: Gross Fixed Assets.....	108
Table 7-13: Consumer Contribution, Capital Grants & Subsidies up to 2015-16 (Rs Crore).....	108
Table 7-14: Financing of the Capital Investment up to FY 2016-17 (Rs Crore).....	108
Table 7-15: Gross Allowable Depreciation for FY 2016-17 (Rs Crore).....	110
Table 7-16: Net Allowable Depreciation for FY 2016-17 (Rs Crore).....	110
Table 7-17: Allowable Interest on Long Term Loans for FY 2016-17 (Rs Crore).....	111
Table 7-18: Interest on Consumer Security Deposits (Rs Crore).....	112
Table 7-19: Allowable Interest on Working Capital (Rs Crore).....	113
Table 7-20: Interest and Finance Charges for FY 2015-16 and FY 2016-17 (Rs. Crore).....	113
Table 7-21: Provision for Bad and Doubtful Debts (Rs Crore).....	114
Table 7-22: Other Income (Rs Crore).....	114
Table 7-23: Annual Revenue Requirement for FY 2016-17 (Rs Crore).....	117
Table 7-24: Wheeling and Retail Supply – ARR FY 2016-17 (Rs Crore).....	118
Table 7-25: Wheeling Charges for FY 2016-17.....	119
Table 8-1: Meeting the Gap for FY 2016-17 (Rs Crore).....	120
Table 8-2: Total Revenue Gap to be dealt with (Rs Crore).....	120

1. BACKGROUND AND PROCEDURAL HISTORY

1.1 BACKGROUND

The U.P. State Electricity Board (UPSEB) was unbundled in pursuance of a reform and restructuring exercise under the first reforms transfer scheme dated 14th January 2000, into three separate entities:

- Uttar Pradesh Power Corporation Limited (UPPCL) assigned with the function of Transmission and Distribution of power within the State.
- Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited (UPRVUNL) assigned with the function of Thermal Generation within the State.
- Uttar Pradesh Jal Vidyut Nigam Limited (UPJVNL) assigned with the function of Hydro Generation within the State.

Through another Transfer Scheme dated 15th January, 2000, assets, liabilities and personnel of Kanpur Electricity Supply Authority (KESA) under UPSEB were transferred to Kanpur Electricity Supply Company (KESCO), a company registered under the Companies Act, 1956.

Further unbundling of UPPCL (responsible for both Transmission and Distribution functions) was again felt after the enactment of the Electricity Act 2003 and four new distribution companies (hereinafter collectively referred to as "DisComs") were created vide Uttar Pradesh Transfer of Distribution Undertaking Scheme, 2003 viz.

- Dakshinanchal Vidyut Vitaran Nigam Limited (AGRA DisCom)
- Madhyanchal Vidyut Vitaran Nigam Limited (LUCKNOW DisCom)
- Paschimanchal Vidyut Vitaran Nigam Limited (MEERUT DisCom)
- Purvanchal Vidyut Vitaran Nigam Limited (VARANASI DisCom)

Paschimanchal Vidyut Vitaran Nigam Limited (hereinafter referred as 'MEERUT DisCom' or 'PVVNL') came in to existence in August 2003 as a subsidiary company of UPPCL and is responsible for power distribution in DisCom covering its jurisdiction area of district Saharanpur, Muzaffarnagar, Meerut, Baghpat, Bijnor, Rampur, Moradabad, Jyotibaphule Nagar, Bulandshahar, Ghaziabad and Gautam Budh Nagar excluding Greater Noida area.

1.2 DISTRIBUTION TARIFF REGULATIONS

Thereafter, the Uttar Pradesh Electricity Regulatory Commission (Terms and Conditions for Determination of Distribution Tariff) Regulations, 2006 (hereinafter referred to as the "Distribution Tariff Regulations") were notified by the Hon'ble Commission on 6th October, 2006.

These regulations are applicable for the purposes of Annual Revenue Requirement (ARR) filing and Tariff determination of all the distribution licensees' within the State of Uttar Pradesh.

1.3 ARR AND TARIFF ORDER FOR FY 2014-15 AND TRUE-UP ORDER FOR FY 2008-09 TO FY 2011-12

The True-up Petition for FY 2011-12 along-with ARR / Tariff Petition for FY 2014-15 and True up Petition for FY 2008-09 to FY 2010-11 was filed by PVVNL under Sections 62 and 64 of the Electricity Act, 2003 on 29th November, 2013 and 13th May, 2013 respectively (Petition Nos. 920 / 2013 and 886 / 2013).

PVVNL submitted the audited accounts of FY 2008-09 to FY 2011-12 and provisional accounts for FY 2012-13 along with the calculations of revenue gap for FY 2014-15 and the projected revenue for FY 2014-15 based on current tariff in its ARR Petitions. Further, the Rate Schedule was submitted later on 18th December, 2013.

The Commission admitted the above petitions of the licensee vide its Admittance Order dated 3rd June, 2014, directing the Petitioner to publish, within 3 days from the date of issue of that order, the Public Notice detailing the salient information and facts of the True-up Petitions for FY 2008-09 to FY 2011-12, ARR Petition for FY 2014-15 and the Rate Schedule (Tariff Proposed for different categories/ sub-categories of consumers) in at least two daily newspapers (one English and one Hindi) for two successive days for inviting views / objections by all stakeholders and public at large. The Commission had also directed the Petitioner to upload the response to the deficiency notes and all subsequent submissions on their website. Petitioner as per directive of the Commission's order published the salient feature of the above petition in various newspapers on 7th and 8th June, 2014 and also uploaded the same on the website of Licensee as well as UPPCL for public comments.

Further, the Commission conducted the public hearing in the above matter for PVVNL on 11th July, 2014 at Noida.

The Petitioner in its true-up petition for FY 2008-09 to FY 2011-12 and ARR petition for FY 2014-15 has filed a total gap of Rs. 24,586.71 crore and Rs. 5,075.44 crore respectively for consolidated discoms namely MVVNL, PVVNL, PuVVNL and DVVNL. The total true-up and ARR gap filed for PVVNL was to the tune of Rs. 6,345.09 crore.

The petitioner also filed a separate petition for allowance of balance 50% regulatory gap approved by the Hon'ble Commission in its True-up order dated 21st May 2013 for FY 2000-01 to FY 2007-08. In this reference the Commission, issued an Order on 6th June, 2014 for extension of the Regulatory Surcharge for the recovery of balance 50% of admitted Regulatory Asset in which the performance linked regulatory surcharge of 2.84% was approved by the Commission to recover the regulatory asset within 2 years.

The Hon'ble Commission issued tariff Order on above petitions on date 01st October, 2014 conducting the final truing up for the financial years 2008-09 to 2011-12 along with the order determining the Annual Revenue Requirement and Tariff for FY 2014-15. After the increase in tariff and considering the additional subsidy requirement from GoUP, the Hon'ble Commission has approved a total gap of Rs. 11,940.38 Crore at consolidated Discoms level. The Commission for liquidation of the Regulatory asset has approved a separate regulatory surcharge of 2.38% to be applicable in the supply areas of DVVNL, MVVNL, PVVNL and PuVVNL. Such Regulatory Surcharge has been allowed considering the recovery of the Revenue Gap in about 20 years

Aggrieved by some aspects of the Tariff order dated 01st October, 2014, the Petitioner has filed an appeal before the Appellate Tribunal for Electricity, New Delhi on 14th November, 2014 against the Hon'ble Commission's order for Truing up of the Aggregate Revenue Requirement for the FY 2008-09 to FY 2011-12 and determination of ARR and Tariff for FY 2014-15. The major issues raised in the said appeal are as below:

- Adjustment of notional subsidy in the True-up for ARR and revenue for FY 2008-09 to FY 2011-12 and ARR for FY 2014-15
- Recovery of additional subsidy from the State Government
- Levying a Regulatory Surcharge of 2.38% on consumers towards amortization of the Net Revenue Gap for 20 years
- Linking of Regulatory Surcharge for subsequent years i.e. FY 2015-2016 with the actual performance of the current year i.e. FY 2014-15
- Allowance of carrying cost of 2.91% against the Regulatory Asset
- Exclusion of power to be purchased from Bajaj Energy Pvt Ltd, Co-generation Plants and Inter system exchange (Bilateral & PXIL, IEX) / UI
- Ignorance of Petitioner submission while approving the Power Purchase cost from URPVUNL and Rosa TPP

1.4 ARR AND TARIFF ORDER FOR FY 2015-16 AND TRUE-UP ORDER FOR FY 2012-13

The ARR / Tariff Petition for FY 2015-16 and True up Petition for FY 2012-13 was filed by the Petitioner under Sections 62 and 64 of the Electricity Act, 2003 on 8th December 2014 (Petition No. 989/2014).

The Petitioner submitted the audited accounts of FY 2012-13 and provisional accounts for FY 2013-14 along with the calculations of revenue gap for FY 2015-16 and the projected revenue for FY 2015-16 based on current tariff in its ARR Petitions. Further, the Rate Schedule was submitted later on 2nd January 2015. The Petition was admitted on 23rd March 2015 and the Petitioner as per directive of the Commission's admittance order published the salient feature of the above petition in various newspapers on 26th and 27th March 2015 and also uploaded the same on the website of Licensee as well as UPPCL for public comments.

The Commission conducted combined public hearing in the above matter for all Distribution Licensees namely PuVVNL, PVVNL, MVVNL, DVVNL, KESCO, NPCL and Transmission Licensee namely UPPTCL on April 9, 2015 at Sitapur, April 15, 2015 at Ghaziabad, April 21, 2015 at Orai and on April 27, 2015 at Gorakhpur.

The Hon'ble Commission issued tariff Order on above petitions on 18th June 2015 conducting the final truing up for the financial year 2012-13 along with the order determining the Annual Revenue Requirement and Tariff for FY 2015-16. After the increase in tariff, provision of carrying cost on un-recovered gaps and considering the revenue from regulatory surcharge, the Hon'ble Commission had approved a total gap of Rs. 293.74 crore.

1.5 ARR PETITION FOR FY 2016-17

A combined reading of the Section 62 and 64 of the Electricity Act, 2003 and the UPERC (Terms and Conditions of Distribution Tariff) Regulations, 2006 require a distribution licensee to file its ARR Petition by November 30, 2015.

Accordingly, the Petitioner is hereby submitting its ARR Petition for FY 2016-17 which broadly covers the following:

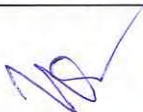
- True up for FY 2013-14 based on audited accounts;
- Actual performance for the financial year 2014-15 based on provisional accounts;
- Revised estimates for the financial year 2015-16; and
- Proposed ARR for the financial year 2016-17.

1.6 STRUCTURE OF THE ARR PETITION FOR FY 2016-17

The structure of this ARR Petition is as under:

Chapter 1 Background and Procedural History

This contains a brief background and rationale used for the submission; major


अविशासी अधिवक्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

issues that describe the structure of the submission.

- Chapter 2 True up Petition for FY 2013-14**
This section deals with the true up for each element of expenditure for FY 2013-14 based on audited accounts. It provides an analysis of the actual performance vis-à-vis the approved Tariff Orders numbers and also computes the true up revenue gap which is proposed to be recovered along with the ARR for FY 2016-17.
- Chapter 3 Progress of the Various Efficiency Improvement Measures taken by the Petitioner**
This section summarizes the various system improvement measures taken by the Petitioner to improve commercial efficiencies in its area of supply and the progress of such steps over the years
- Chapter 4 Capital Investment Plan**
This section details the nature of scheme and the expected financial outlay towards the capital investment plan for FY 2016-17. Section also provides the estimates in respect of capital investment for FY 2015-16.
- Chapter 5 Compliance of the Hon'ble Commission's Directives**
This section lists the directives issued by the Hon'ble Commission in the previous tariff order and the status of their compliances.
- Chapter 6 Load Forecast and Revenue Assessment**
This includes actual sales for FY 2014-15, estimates for FY 2015-16 and forecasts for FY 2016-17. It also includes actual billing determinants for FY 2014-15, estimates for FY 2015-16 and projected billing determinants and revenue assessment for FY 2015-16 and 2016-17 by consumer category.
- Chapter 7 ARR for Wheeling and Retail Supply Business**
This includes the ARR forecast for FY 2016-17. The ARR also includes the revenue gap figures for the aforementioned years and the segregation of the ARR among Wheeling and Retail Supply Business.
- Chapter 8 Treatment of the Revenue Gap**
This sections deals with the treatment of the revenue gap
- Chapter 9 Prayers**
The main prayers are summarized in this section

2. TRUE UP PETITION FOR FY 2013-14

2.1 TRUE-UP SUMMARY FOR FY 2013-14

The Petitioner submits that the audited accounts for FY 2013-14 for the Petitioner have been enclosed along with this Petition. The Petitioner seeks true-up of expenses for the year 2013-14 as per the audited accounts as applicable for various heads of expenditure. The following table summarises the truing up computations for 2013-14 for approval by the Hon'ble Commission. The Petitioner also provides the details of truing up in the subsequent paragraphs:

Table 2-1: True Up Summary for FY 2013-14

(All figures in Rs Crore)

Particulars	Approved	Actuals as per audited Accounts	True-up Petition
Power Purchase Expenses	10,111.68	11,374.21	10,023.11
Apportionment of O&M Expenses of UPPCL	-	-	48.98
Transmission Charges	347.69	505.45	465.42
Employee Expenses	404.36	392.24	392.24
Repair and Maintenance Expenses	169.77	207.52	207.52
A&G Expenses	52.17	79.51	79.51
Gross Interest on Long Term Loans	128.87	293.31	185.69
Interest on Bonds	-	136.10	136.10
Interest to Consumer	55.98	70.49	70.49
Finance Charges	0.09	13.14	13.14
Interest on Working Capital	138.98	551.52	70.93
Discount to Consumers	-	-	-
Depreciation	366.26	137.33	437.12
Prior Period Expenses	-	159.60	159.60
Other Misc Expenses / Incomes	-	-	-
Provision for Bad and Doubtful Debts	-	5.31	54.64
Gross Expenditure	11,775.85	13,925.73	12,344.50
Less: Employee Capitalisation	60.65	141.86	141.86
Less: A&G Capitalisation	7.83	22.44	22.44
Less: Interest Capitalisation	29.64	3.05	3.05
Total Capitalisation	98.12	167.34	167.34
Net Expenditure	11,677.73	13,758.39	12,177.16
Less: Non-tariff Incomes	13.67	14.15	14.15
Annual Revenue Requirement	11,664.06	13,744.24	12,163.00
Revenue from Tariff incl DPS	10,583.72	9,025.95	9,025.95
GoUP Subsidy	1,347.76	1,546.79	1,546.79
Net Revenue Gap	(267.42)	3,171.51	1,590.27

The Petitioner requests the Hon'ble Commission to allow truing up for FY 2013-14 as provided in the aforementioned table. The Petitioner is detailing the rationale for truing up of some of the key issues in the subsequent paragraphs.

2.1.1 POWER PURCHASE EXPENSE

One of the major cost components of the distribution companies is cost of power, which in the present instance relate to the costs incurred by UPPCL. For the purpose of truing up of power purchase cost of Discoms, we have to re-determine the bulk supply tariff based on the actual power purchased by UPPCL and actual cost incurred for such purchase.

In the Tariff Order for FY 2013-14, the Hon'ble Commission had approved the power purchase of 84,632.00 MU at UPPCL level. The Petitioner humbly submits that the actual power purchase in FY 2013-14 was 84,251.84 MU at a value of Rs. 33,233.64 crore at overall UPPCL level.

The Petitioner has claimed the power purchase cost during truing up based on the philosophy as mentioned below:

- It has calculated the allowable power purchase input by grossing up the actual energy received at the Discom end by the approved / actual transmission losses, whichever is lower.
- The allowable power purchase input has been multiplied by the revised bulk supply Tariff to derive the allowable power purchase cost for truing up.

Considering the aforementioned philosophy, the allowable power purchase expenses for determination of trued up Bulk Supply tariff for FY 2013-14 is Rs. 33,233.64 crore and trued up Bulk Supply Tariff is Rs. 4.16 per kWh as depicted in the table below:

Table 2-2: Allowable Power Purchase Input and Bulk Supply Tariff for FY 2013-14 under truing up

Particulars	Unit	Approved	Actuals	True-up Petition
Power Purchase	MU	84,632.00	84,251.84	84,251.84
Transmission Loss	MU	4,451.00	6,665.72	4,431.01
Transmission Loss	%	5.26%	7.91%	5.26%
Energy available at Discom End	MU	80,181.00	77,586.12	79,820.83
Power Purchase Cost (including PGCIL charges)	Rs Crore	31,456.00	33,233.64	
Power Purchase Cost per unit	Rs/kWh	3.92	4.28	
Allowable Power Purchase Cost at Discom end	Rs Crore			33,233.64
Power Purchase Cost per unit at Discom end (BST)	Rs/kWh			4.16

The Hon'ble Commission in its True-up Order for FY 2008-09 to FY 2011-12 dated 01st October, 2014 as well as in the Order dated 18th June 2015 in Petition No. 9882/2014 in respect of true-up for FY 2012-13 had considered a philosophy, wherein the efficiency target of Distribution loss level, had been considered as controllable parameter, and thereupon the power purchase cost consequent to under-achievement of Distribution loss was disallowed. To maintain consistency

with the approach adopted by the Hon'ble Commission, the Petitioner has calculated the allowable power purchase input at discom end by grossing up the actual energy sales by the approved Distribution loss target or actual Distribution losses, whichever is lower. Thereafter, the allowable power purchase input has been multiplied by the Trued-up Bulk Supply Rate to derive the allowable power purchase cost for FY 2013-14 under truing up as shown in the table below:

Table 2-3: Trued up Power Purchase Cost for PVVNL in FY 2013-14

Particulars	Unit	Approved	Actuals	True-up Petition
Power Purchase	MU	25,774.06	24,098.90	24,098.90
Sales	MU	19,846.00	18,536.64	18,536.64
Distribution Loss Target	%	23.00%	23.08%	23.00%
Allowable Power Purchase	MU			24,073.59
Trued up Bulk Supply Tariff	Rs/kWh			4.16
Allowable Power Purchase Cost				10,023.11

2.1.2 TRANSMISSION CHARGES

In the Tariff Order for FY 2013-14 for the Petitioner, the Hon'ble Commission has approved the Transmission Charges of Rs. 347.69 crore (@ Rs. 0.135 per kWh) towards a projected power purchase of 25,774.06 MU.

As per the audited accounts, the Petitioner has incurred Rs. 505.45 crore towards transmission charges.

It is submitted that the trued up transmission charges payable to UPPTCL towards intra-state transmission are to the tune of Rs. 465.42 crore which have been computed by multiplying the allowable power purchase input of 24,073.59 MU (determined in foregoing section) by the trued up transmission charge of Rs. 0.193 per kWh which has been traced from the True-up Petition filed by the UPPTCL before the Hon'ble Commission for FY 2013-14.

Table 2-4: Allowable Intra-State Transmission Charges for FY 2013-14

Particulars	Unit	Approved	Actuals	True-up Petition
Units Wheeled	MU	25,774.06	24,098.90	24,073.59
Trued up Transmission Charge	Rs/kWh	0.135	0.210	0.193
Transmission Charges	Rs Crore	347.69	505.45	465.42

Accordingly, the Petitioner submits that, against the approved intra-state transmission charges of Rs. 347.69 crore, the allowable transmission charges for FY 2013-14 are to the tune of Rs. 465.42 crore.

2.1.3 OPERATION AND MAINTENANCE EXPENSES

Operation and Maintenance Expenses (O&M expenses) comprises of employee expenses, repair and maintenance expenses and administrative and general expenses. Each element of O&M expenses have been examined in detail in the succeeding paragraphs.

The Petitioner submits that the actual gross employee expenses were Rs. 392.24 crore as against Rs. 404.36 crore approved by the Hon'ble Commission in the Tariff Order for FY 2013-14. The employee expenses capitalised as per audited accounts are to the tune of Rs. 141.86 crore as against Rs. 60.65 crore approved in the Tariff Order. Thus, the net employee expenses as per audited accounts are Rs. 250.39 crore as against Rs. 343.17 crore approved in the Tariff Order.

Further, the Petitioner submits that the actual gross A&G expenses were Rs. 79.51 crore as against Rs. 52.17 crore approved by the Hon'ble Commission in the Tariff Order for FY 2013-14. The A&G expenses capitalised as per audited accounts are to the tune of Rs. 22.44 crore against Rs. 7.83 crore approved in the Tariff Order. Thus, the net A&G expenses as per audited accounts are Rs. 57.08 crore as against Rs. 44.34 crore approved in the Tariff Order.

The actual repair and maintenance expenses for FY 2013-14 were Rs. 207.52 crore as against Rs. 169.77 crore approved by the Commission in the Tariff Order.

The Petitioner has been able to control the employee expenses and administrative and general expenses within the limit prescribed in the Tariff Order. The overall O&M expenses are also within the limit approved in the Tariff Order. Accordingly, the Petitioner humbly submits that the O&M expenses be trued up considering the actual expenses incurred as per audited accounts, as they are within the range prescribed in the Tariff Order for FY 2013-14

The summary of the O&M expenses approved in the Tariff Order for FY 2013-14 vis-a-vis the actual expenses as per audited accounts and those claimed in the True up are shown in the table below:

Table 2-5: Operation & Maintenance Expenses FY 2013-14

(All figures in Rs Crore)

Particulars	Tariff Order	Actuals as per audited accounts	True-up Petition
Employee Expenses	404.36	392.24	392.24
Repair & Maintenance Expenses	169.77	207.52	207.52
Administrative and General Expenses	52.17	79.51	79.51
Gross Operation and Maintenance Expenses	626.30	679.28	679.28
Less: Capitalisation			
Employee Cost Capitalized	60.65	141.86	141.86
A&G Expenses Capitalized	7.83	22.44	22.44
Total Capitalization	68.48	164.29	164.29
Net Operation and Maintenance Expenses	557.82	514.98	514.98

2.1.4 INTEREST ON LONG TERM LOANS

Interest cost is an uncontrollable cost as the interest rate regime is determined by various external factors and the actual loans taken are consequential to the capital expenditure undertaken by the Petitioner.

The Hon'ble Commission in its previous tariff and true-up orders had considered a normative tariff approach with a gearing of 70:30. Considering this approach, 70% of the capital expenditure undertaken in any year was considered to be financed through loan and balance 30% was been considered to be financed through equity contributions. The portion of capital expenditure financed through consumer contributions, capital subsidies and grants was separated and the depreciation and interest thereon was not charged to the consumers & beneficiaries. The amounts received as consumer contributions, capital subsidies and grants were traced from the

audited accounts. Subsequently, the financing of the capital investment was worked out based on the gearing ratio of 70:30 and allowable depreciation was considered as normative loan repayment.

The Petitioner for the purposes of this true up petition for FY 2013-14 has claimed the interest and finance charges based on the same philosophy.

Considering the Capital Work in Progress balances (CWIP) and Gross Fixed Asset (GFA) balances as per audited accounts, the Petitioner has derived the actual capital investments undertaken by it in FY 2013-14. The details are provided in the table below:

Table 2-6: Capital Investments in FY 2013-14

(All figures in Rs Crore)

Particulars	Derivation	2013-14
Opening WIP as on 1st April	A	223.33
Investments	B	1203.54
Employee Expenses Capitalisation	C	141.86
A&G Expenses Capitalisation	D	22.44
Interest Capitalisation on Interest on long term loans	E	3.05
Total Investments	F= A+B+C+D+E	1594.21
Transferred to GFA (Total Capitalisation)	G	1286.72
Closing WIP	H= F-G	307.49

The table below summarises the amounts received towards consumer contributions, capital grants and subsidies in FY 2013-14:

Table 2-7: Consumer Contributions, Capital Grants and Subsidies in FY 2013-14

(All figures in Rs Crore)

Particulars	2013-14
Opening Balance of Consumer Contributions, Grants and Subsidies towards Cost of Capital Assets	1,204.48
Additions during the year	203.02
Less: Amortisation	78.04
Closing Balance	1,329.47

Thus, the eligible financing of the capital investment is depicted in the table below:

Table 2-8: Financing of the Capital Investments in FY 2013-14

(All figures in Rs Crore)

Particulars	Derivation	2013-14
Investment	A	1,203.54
Less:		-

Particulars	Derivation	2013-14
Consumer Contribution	B	203.02
Investment funded by debt and equity	C=A-B	1,000.52
Debt Funded	70%	700.36
Equity Funded	30%	300.16

Thus, from the above tables it is seen, that the Petitioner has made an investment of Rs. 1,203.54 crore in FY 2013-14. The consumer contributions, capital subsidies and grants received during the corresponding period is Rs. 203.02 crore. Thus, balance Rs. 1,000.52 crore have been funded through debt and equity.

Considering a debt equity ratio of 70:30, Rs. 700.36 crore or 70% of the capital investment is approved to be funded through debt and balance 30% equivalent to Rs. 300.16 crore through equity. Allowable depreciation for the year has been considered as normative loan repayment. The actual weighted average rate of 12.48% has been considered for computing the eligible interest expenses.

The opening balance of long term loan has been considered from the actual loan balance as per the audited financial statements for FY 2013-14. Considering the above, the gross interest on long term loan is Rs. 185.69 crore. The interest capitalisation has been considered at the same rate as per audited accounts. The computations for interest on long term loan are depicted below:

Table 2-9: Allowable Interest on Long Term Loan for FY 2013-14

(All figures in Rs Crore)

Particulars	2013-14
Opening Loan	1,356.17
Loan Additions (70% of Investments)	700.36
Less: Repayments (Depreciation allowable for the year)	437.12
Closing Loan Balance	1,619.41
Weighted Average Rate of Interest	12.48%
Interest on long term loan	185.69
Interest Capitalisation Rate	1.64%
Less: Interest Capitalized	3.05
Net Interest Charged	182.64

2.1.4.1 INTEREST ON CONSUMER SECURITY DEPOSITS

In terms of the Regulation 4.8(3) of the Distribution Tariff Regulation, the Licensee has to pay interest to the consumers at bank rate or more on the consumer security deposit. Further, section 47(4) of the Electricity Act 2003, states that "the distribution licensee shall pay interest equivalent to the bank rate or more, as may be specified by the concerned state Commission, on the security

referred to in sub-section (1) and refund such security on the request of the person who gave such security”

The Petitioner humbly submits that the actual interest on consumer security deposit paid in FY 2013-14 is to the tune of Rs. 70.49 crore as against Rs. 55.98 crore approved in the Tariff Order. It is humbly prayed that the variation may be allowed in the true up.

2.1.4.2 BANK AND FINANCE CHARGES

The Petitioner humbly submits that it has incurred bank and finance charges to the tune of Rs. 13.14 crore for other charges as per audited accounts towards expenditures like bank charges, finance charges, etc and the same be allowed in the true up for FY 2013-14.

2.1.4.3 INTEREST ON WORKING CAPITAL

In the Tariff Order for FY 2013-14, the Hon'ble Commission had allowed Rs. 138.98 crore towards interest on working capital. The Distribution Tariff Regulations provide for the normative interest on working capital based on the methodology outlined in the Regulations. Accordingly, the Petitioner hereby claims Rs. 70.93 crore towards interest on working capital for FY 2013-14 as computed in the table below:

Table 2-10: Allowable Interest on Working Capital for FY 2013-14

(All figures in Rs Crore)

Particulars	Derivation	True up Petition
O&M Expenses		
Employee Expenses		392.24
R&M Expenses		207.52
A&G Expenses		79.51
Total O&M Expenses	A	679.28
One Month's O&M Expenses	B = 1/12 of A	56.61
Book Value of Stores	C	314.87
One twelfth of the sum of book value of the material in stores	D = 1/12 of C	26.24
Receivable equivalent to 60 days average billing of consumers	E	1,483.72
Less: Total Security Deposits by the Consumers reduced by Security Deposits under section 47(1)(b) of the Electricity Act 2003	F	999.10
Total Working Capital Requirement	G = B + D + E-F	567.46
Interest rate	H	12.50%
Interest on working capital	I = G x H	70.93

The following table summarises the interest and finance charges claimed by the Petitioner as against those approved by the Commission in the Tariff Order for FY 2013-14:

Table 2-11: Allowable Interest and Finance Charges for FY 2013-14

(All figures in Rs Crore)

Particulars	Tariff Order	Actual as per audited accounts	True-up Petition
A: Interest on Long Term Loans			
Gross Interest on Long Term Loan	128.87	293.31	185.69
Interest on Bonds	0.00	136.10	136.10
Less: Interest Capitalisation	29.64	3.05	3.05
Net Interest on Long Term Loans	99.23	426.36	318.74
B: Finance and Other Charges			
Interest on Consumer Security Deposits	55.98	70.49	70.49
Bank Charges	0.00	0.00	0.00
Discount to Consumer	0.00	0.00	0.00
Finance Charges	0.09	13.14	13.14
Total Finance Charges	56.07	83.63	83.63
C: Interest on Working Capital	138.98	551.52	70.93
Total (A+B+C)	294.27	1061.51	473.30

2.1.5 DEPRECIATION

The actual depreciation expense charged in the audited accounts is Rs. 137.33 crore. However, the same has been accounted for considering the depreciation rates prescribed by the Companies Act, 1956.

The Petitioner has computed the allowable depreciation expense on the GFA base as per audited accounts for FY 2013-14 and at the rates approved by the Commission in the Tariff Order for FY 2013-14 i.e., @ 7.84%. The Petitioner has computed the depreciation only on the depreciable asset base and has excluded the non-depreciable assets such as land, land rights, etc.

Considering this philosophy, the gross entitlement towards depreciation has been computed at Rs. 515.16 crore.

Table 2-12: Gross Allowable Depreciation for FY 2013-14

(All figures in Rs Crore)

Particulars	Opening GFA	Additions to GFA	Deductions to GFA	Closing GFA	Depreciation Rates considered	Allowable Depreciation
Land & Land Rights						
i) Unclassified	1.00	0.63	-	1.62		-
ii) Freehold Land	-	-	-	-		-
Buildings	76.10	3.18	0.92	78.36	7.84%	6.05
Other Civil Works	-	-	-	-	7.84%	-
Plants & Machinery	1,400.98	830.53	654.84	1,576.67	7.84%	116.72
Lines, Cable Network etc.	2,394.92	443.70	38.02	2,800.59	7.84%	203.66
Vehicles	0.26	0.18	0.12	0.32	7.84%	0.02
Furniture & Fixtures	9.80	4.37	5.01	9.16	7.84%	0.74
Office Equipments	7.32	4.15	0.04	11.42	7.84%	0.73
Jeep & Motor Car	-	-	-	-		-
Assets taken over from Licensees pending final Valuation	-	-	-	-		-
Total	3,890.37	1,286.72	698.94	4,478.14		327.94
Fixed Asset as per Transfer Scheme	2,387.92	-	-	2,387.92	7.84%	187.21
GRAND TOTAL	6,278.29	1,286.72	698.94	6,866.06	7.84%	515.16

The Petitioner has traced the figures in respect of depreciation charged on assets created out of consumer contributions, capital grants and subsidies from the audited accounts. This equivalent depreciation amounting to Rs. 78.04 crore has been reduced from the allowable depreciation for FY 2013-14.

Thus the allowable depreciation for FY 2013-14 is Rs. 437.12 crore as depicted in the table below:

Table 2-13: Net Allowable Depreciation for FY 2013-14

(All figures in Rs Crore)

Particulars	Actual as per audited accounts	True-up Petition
Gross Allowable Depreciation	215.37	515.16
Less: Equivalent amount of depreciation on assets acquired out of the Consumer Contribution and GoUP Subsidy	78.04	78.04
Net Allowable Depreciation	137.33	437.12

2.1.6 PRIOR PERIOD EXPENSES

The Petitioner submits that it prepares its financial statements in compliance with Generally Accepted Accounting Principles (GAAP's) and Accounting Standards issued by Accounting Standards Board of Institute of Chartered Accountants of India.

There are certain prior period items which have been identified and incorporated in the audited financial statements for 2013-14. As per Accounting Standards (AS 5) (Revised) on 'Net Profit or Loss for the Period, Prior Period Items and Changes in Accounting Policies' states:

'Prior period items are income or expenses which arise in the current period as a result of errors or omissions in the preparation of the financial statements of one or more prior periods'

In the audited financial statements of the Petitioner for FY 2013-14, there has been recognition of Rs 8.16 crore of prior period incomes and prior period expenses of Rs 167.76 crore, thereby increasing the eligible true-up by Rs. 159.60 crore.

The following table provides the detailed break-up of the prior period items for FY 2013-14 as per audited accounts

Table 2-14: Prior Period Items for FY 2013-14

(All Figures in Rs Crore)

Particulars	True up Petition
Other Excess Provision	8.16
Sub-Total A	8.16
Expenditure	
Operating Expenses	2.02
Employee Cost	8.08
Short Provision of doubtful debt	121.28
Interest and Finance Charges	36.24
Admn. Expenses	0.15
Sub-Total B	167.76
Net prior period Credit/(Charges)	159.60

2.1.7 PROVISION FOR BAD AND DOUBTFUL DEBTS

The Tariff Order for FY 2013-14 did not allow any amounts towards Provision for Bad and Doubtful Debts. The Petitioner humbly submits that such expenses are legitimate business expenses. It is further submitted that provision for bad & doubtful debts are accepted accounting principle even in sector like Banking where the provisioning of un-collectable dues are considered as a normal commercial practice.

The entitlement towards provision for bad and doubtful debts has been computed at 2% of the closing revenue receivables as per audited accounts of the relevant financial year.

Table 2-15: Allowable Provision for Bad and Doubtful Debts

(All Figures in Rs Crore)

Particulars	Rs Crore
Total Revenue Receivables from Retail Sales	2731.86
% of Provision for Bad and Doubtful Debts	2%
Provision for Bad and Doubtful Debts	54.64

2.2 REVENUE SIDE TRUING UP

2.2.1 REVENUE FROM SALE OF POWER

The Hon'ble Commission had projected revenue from sale of power of Rs. 10,583.72 crore for FY 2013-14. The audited accounts have reported the actual revenue from sale of power to be Rs. 9,025.95 crore (including delayed payment surcharge) towards electricity sales of 18,536.64 MU.

2.2.2 NON TARIFF INCOMES

The Petitioner submits that against the projected non tariff incomes of Rs. 13.67 crore in the Tariff Order, the actual non tariff incomes have been Rs. 14.15 crore.

2.2.3 GOUP SUBSIDY

In the Tariff Order for FY 2013-14, the Hon'ble Commission had projected the revenue subsidy from GoUP to be Rs. 1,347.76 crore. However the actual subsidy received from GoUP by the Petitioner is Rs. 1,546.79 crore.

2.2.4 AGGREGATE REVENUE REQUIREMENT FOR FY 2013-14 AFTER TRUING UP


The Aggregate Revenue Requirement for FY 2013-14 after final truing up is summarised in the Table below:

Table 2-16: ARR for FY 2013-14 after Final Truing Up

(All figures in Rs Crore)

Particulars	Approved	Actuals as per audited Accounts	True-up Petition
Power Purchase Expenses	10,111.68	11,374.21	10,023.11
Apportionment of O&M Expenses of UPPCL	-	-	48.98
Transmission Charges	347.69	505.45	465.42
Employee Expenses	404.36	392.24	392.24
Repair and Maintenance Expenses	169.77	207.52	207.52
A&G Expenses	52.17	79.51	79.51
Gross Interest on Long Term Loans	128.87	293.31	185.69
Interest on Bonds		136.10	136.10
Interest to Consumer	55.98	70.49	70.49
Finance Charges	0.09	13.14	13.14
Interest on Working Capital	138.98	551.52	70.93
Discount to Consumers	-	-	-
Depreciation	366.26	137.33	437.12
Prior Period Expenses	-	159.60	159.60
Other Misc Expenses / Incomes	-	-	-
Provision for Bad and Doubtful Debts	-	5.31	54.64
Gross Expenditure	11,775.85	13,925.73	12,344.50
Less: Employee Capitalisation	60.65	141.86	141.86
Less: A&G Capitalisation	7.83	22.44	22.44
Less: Interest Capitalisation	29.64	3.05	3.05
Total Capitalisation	98.12	167.34	167.34
Net Expenditure	11,677.73	13,758.39	12,177.16
Less: Non-tariff Incomes	13.67	14.15	14.15
Annual Revenue Requirement	11,664.06	13,744.24	12,163.00
Revenue from Tariff incl DPS	10,583.72	9,025.95	9,025.95
GoUP Subsidy	1,347.76	1,546.79	1,546.79
Net Revenue Gap	(267.42)	3,171.51	1,590.27

The Petitioner requests the Hon'ble Commission to consider the revenue side true-up and expense side true-up as per the aforementioned sections wherein the net revenue gap has been computed at Rs. 1,590.27 crore. The Petitioner humbly requests the Hon'ble Commission to consider the same along with the ARR for FY 2016-17.


 अधिशासी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

3. PROGRESS OF VARIOUS EFFICIENCY IMPROVEMENT MEASURES UNDERTAKEN

As per the directives and guidelines specified by the Hon'ble Commission towards efficiency improvement, the Petitioner has made concerted efforts to improve its operations and is committed to implement a number of technical and commercial measures in this direction in FY 2015-16 (current year) and FY 2016-17 (ensuing year). The objective of efficiency improvement programs would be to ensure a reliable distribution system and enhance the quality of supply to consumer as well as to reduce technical & commercial losses of the Petitioner. The initiatives undertaken are:

SYSTEM IMPROVEMENT INITIATIVES

The initiatives undertaken by the petitioner for system improvement & collection efficiency improvement involve following activities:

3.1 ENHANCEMENT OF CAPACITY OF EXISTING 33KV SUBSTATIONS

At some grid substations, existing power transformers are of lesser capacity and loaded beyond their rating. Hence it is required to augment these Power Transformers so that loading can be reduced. Augmentation will help in:


- a. Reliable Supply.
- b. Prevention of frequent failures.
- c. Reduction of overloading in 11KV Line.
- d. Down time reduction.
- e. Catering to the Load growth.

3.2 CONSTRUCTION OF NEW 33KV SUBSTATIONS

In order to meet bulk load requirement & continuous increase in load demand in particular area new substations are commissioned. The voltage is tapped at 33kV level and is stepped down to 11kV with the use of power transformers. From power transformer, a number of 11kv feeders are taken, depending upon the capacity of the transformer. On Commissioning of new 33kV substation at suitable location, the length of the 11kV feeder is reduced and the network is optimally loaded.

3.3 ADDITION OF NEW TRANSFORMERS

At those grid substations where existing power transformer are loaded beyond their capacity and such transformers cannot be upgraded to higher capacity, hence it is required to install new power transformer to share the load and relieve the loaded transformers. Addition of new


अधिकाारी अधिवासा (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण नियम लि०
विक्टोरिया पार्क, मेरठ

transformer at various grid substations will reduce over loading at the substation & consequently improve the system reliability.

3.4 OTHER INITIATIVES

1. Capacity enhancement of Distribution substation and strengthening the distribution system to be compatible to load growth.
2. Distribution Automation: It is envisaged that 33kV and 11kV feeders shall be automated through distribution SCADA system in phases to monitor automatically the operation of feeders for over loading of feeders, tripping etc.
3. Replacement of old conductors.
4. Replacement of damaged poles.
5. Rural Feeder Separation: Petitioner has undertaken rural feeder separation program to ensure scheduled supply to the agriculture sector.

3.5 COMMERCIAL PROCESS IMPROVEMENT

- a. For proper accounting of energy & reducing chances of theft, double metering system is being implemented & is yielding encouraging results.
- b. For speedy redressal of consumer grievances, call centre has been established and Control rooms have been set up.
- c. In all theft prone areas overhead conductor are being replaced with ABC (Aerial Bunched Conductor). This has helped in the reduction of line losses and break-downs and has resulted in better quality of supply & consumer satisfaction.
- d. Provision of periodic checking of all static and trivector meters installed in high value consumers premises.
- e. Special drive to check the cases of theft/unauthorized use of electricity/checking of excess load being carried out in different distribution divisions by officers of the Petitioner.
- f. Special team of headquarter Engineers and Vigilance teams comprising of Petitioner's officers and Police personnel's have been formed in each circle. With these teams surprise raids are conducted to direct theft of energy/Katiya connections. A Snapshot of such drive carried out by the Vigilance Team is presented in table below:
- g. Special camps are organized to collect revenue from the consumers to solve their problems on the spot.
- h. Regularization of illegal connections and ledgerisation of unledgerised connections is being monitored to arrest revenue loss.

- i. NA/NR/IDF/ADF meters are being monitored and defective meters are being changed. Timely efforts are being made to install meters on all distribution transformers.
- j. Works of hand held billing, disconnection and reconnection works are being done with the help of external agencies. The system coverage has improved with the implementation of hand held metering /billing devices.
- k. Further petitioner is planning to use various Information Technology (IT) initiatives to drive operational efficiency improvement. Web based billing /payment is one of the initiatives. In this facility consumer can log on the designated web site of the service provider and by punching a key word provided in the bill consumer can view their complete bill and payment can be made accordingly.

3.6 DEDICATED 24X7 CALL CENTRE

A centralized call centre has been launched to improve customer services, increase staff efficiency and provide a single-window clearance mechanism for all customer complaints. The call centre is designed to address consumer complaints regarding power outages, wrong billing, payments, metering, etc.

The redressal time frame for different complaints categories range from four hours to 15 days, and unaddressed complaints are forwarded to every subsequent higher officials till being addressed. The software also generates MIS reports of the lodged and solved complaints as well as officer-wise defaulter lists, which are monitored at the highest level. This system is also integrated with SMS facilities for consumers/officers at the time of registration as well as redressal.

4. INVESTMENT PLAN DETAILS

Large investments have been planned in order to reduce T&D losses and to maintain reliable supply. In past the desired results could not be obtained due to severe fund constraints. To achieve the desired objective an aggressive investment plan has been envisaged. While in most of the schemes the objective is to strengthen/up-grade the distribution system, some scheme will also help in reducing AT&C losses, the full benefit of the capital expenditure incurred in respect to the reduction of AT&C losses will however accrue over a period of next few years. The proposed expenditure plan has been aimed with following objective:

- Strengthening and refurbishment of system to improve the reliability of supply.
- Undertaking system improvement to meet the demand growth.
- For reducing the distribution losses.
- Carry out automation and other improvement work to enhance customer service.
- Undertake investment to cater social need such as electrification in left over area of villages.
- Carry out customer deposit work.

The various schemes under which the capital expenditure programs are envisaged are detailed below:

4.1 R-APDRP

Ministry of Power, Govt. of India, has launched the Restructured Accelerated Power Development and Reforms Programme (R-APDRP) in the XI Five year Plan. Power Finance Corporation Limited (PFC) has been designated by GoI as the Nodal Agency for the programme. The programme spans from data acquisition at distribution level till monitoring of results of steps taken to provide an IT backbone and strengthening of the Electricity Distribution system across the Country under the programme. The objective of the programme is reduction of AT&C losses to the extent of 15% in project areas.

The project under the scheme shall be taken up in two parts. Part-A shall include the project for establishment of base line data and IT application for energy accounting /auditing and IT based consumer service centre. Part-B shall include regular distribution strengthening projects. The activities covered under each part are as follows:

Part -A of the scheme essentially covers the application of information technology in distribution utilities across the country. The scheme shall involve implementation of IT modules for data acquisition, new connections/disconnection, energy accounting & audit, Overloading and unbalancing of Distribution Transformer, network analysis management, Maintenance management, Asset management, MIS, metering, billing, collection etc. The programme also

encompasses implementation of SCADA/DMS, GIS based Consumer Indexing & Asset mapping etc. This entire exercise is being aimed to establish Base line Data collection system for the distribution utilities through which they would be able to capture AT&C losses in a precise manner without manual intervention and also to plan & implement corrective measures in Part B

Part-B of the scheme covers system strengthening, improvement and augmentation of distribution system. This shall involve:-

- Identification of high loss areas
- Preparation of investment plans for identified areas
- Implementation of plan
- Monitoring of Losses

4.2 RURAL ELECTRIFICATION PROGRAMME (RGGVY)

Rural Electrification Program- RGGVY contemplates electrification of villages and strengthening the existing network in the rural areas to achieve universal access to electricity for all households. Under this scheme following work is performed:

- Electrification of un-electrified hamlets
- Strengthening of Distribution system under RGGVY for providing electricity to all BPL household
- Electrification of villages electrified as per CEA
- Conversion of villages/hamlets electrified from LT mains to HVDS
- Providing electricity to all rural households including free connection to BPL households
- Strengthening of Rural electricity Distribution backbone
- Electrification of remote villages (Stand alone)

Under RGGVY, program central government provides a grant of 90% of the project cost for each scheme of village electrification and the balance 10% of the fund is provided by the State Government. However, the GoUP provides entire fund required for schemes under the RGGVY programme in the form of equity to the DisCom.

4.3 ENERGISATION OF PRIVATE TUBE WELLS (PTW)

To cope up with the growing demand of agriculture in the State, electrification of private tube wells has always been of much importance. The GoUP provides support for this scheme. Under this scheme GoUP allots area wise targets for energisation of PTW & accordingly allocates fund for this purpose.

4.4 OTHER SCHEMES

A large part of the distribution network is very old and needs major overhauling or replacement. Petitioner has identified some major assets that are in dire need of replacement. Major items covered under the requirement of replacement are poles, overhead conductors, wires, and switchgears. This is important for reducing losses and in reduction of occurrence of accidents

Apart from replacement of the old and dilapidated assets there are ongoing requirement of network and infrastructure augmentation to cater to the load growth occurring due to regular increase in load in existing set-up as well as due to large-scale electrification of rural areas. Also, there is a significant requirement of improving the systems and processes of the distribution business of the petitioner to achieve better efficiency of operations, e.g. billing accuracy and procedure, material and financial management etc. Therefore the petitioner has also planned to invest significantly in IT systems for achieving such objectives.

4.5 AUGMENTATION OF DISTRIBUTION NETWORK

For any distribution system it is important to augment the network on a continual basis to cater to the load growth and achieving optimal operating efficiency of the distribution equipment. With the increasing demand of power and to balance the load distribution, sub-stations are being identified where capacity enhancement is required. Strengthening of LV/HV distribution network is being undertaken with the objective of providing reliable power, reduced load shedding and reducing down time.

4.6 METERING OF CONSUMERS

Large numbers of meters are required for providing new connections as well as for replacement of defective meters for effective energy accounting. At present large section of the consumers are not correctly metered due to defective metering. This needs immediate replacement. Presently the Petitioner is releasing all the new connections with meters. In addition to investment on replacement and installation of meters, investment in respect of installation of 3-phase meters and investment in respect of double metering of high value consumers is being undertaken in the current year and is also projected in the ensuing year.

4.7 INSTALLATION OF AERIAL BUNCH

4.8 CONDUCTORS

Unauthorized consumption of electricity is the most important area of concern for the petitioner. The major component of losses in distribution is commercial losses, which is primarily due to theft. In order to reduce the same the existing over head lines are envisaged to be replaced by Arial Bunched Conductors (ABC) which is less prone to theft.

4.9 CONSUMER DEPOSIT WORKS

The quantum of funds towards the deposit work to be carried is dependent on the request of the consumers. Such requests of execution of deposit work are expected from various Government Department and privates entities.

4.10 CAPITAL INVESTMENT PLAN FOR FY 2015-16 and FY 2016-17

The estimates in respect of capital expenditure being undertaken in FY 2015-16 and FY 2016-17 are summarized in the table below:

Table 4-1: Capital Expenditure in FY 2015-16 (Rs Crore)

Description	Qty	Capital Investment Plan			Total
		Loans	Equity / Internal Accruals	Deposit Works	
Energisation of PTW Connections	8800	84.76	36.32		121.08
Electrification of villages under Dr. Ram Manohar Lohia Samagr Vikas Yojna Scheme	208	92.06	39.46		131.52
33 kV / 11 kV Works under Business Plan					
a) 33 kV Works					
Construction of new 33/11 kV S/s and associated 33 kV lines	45	184.13	78.91		263.04
Increasing capacity of 33 / 11 kV S/s	73	56.66	24.28		80.94
33 kV link line	643	63.74	27.32		91.05
Replacement of damaged/obsolete 33kV VCB & Switchgears and higher capacity of conductor, poles, S/s apparatus, etc.	250	11.33	4.86		16.19
b) 11 kV Works					
11 kV new line (bifurcation of feeders, link lines, etc)	220	14.16	6.07		20.23
11/0.4 kV S/s (25, 63 & 100 kVA)	300	8.50	3.64		12.14
11/0.4 kV S/s (250 & 400 kVA)	150	10.62	4.55		15.18
11/0.4 kV S/S Increasing Capacity (25 to 63 and 63 to 100 KVA)	400	5.67	2.43		8.09
11/0.4 kV S/S Increasing Capacity (100 to 250 kVA and 250 to 400 kVA)	100	3.54	1.52		5.06
Strengthening of 11 kV Line	500	11.33	4.86		16.19
11/0.4 kV S/s providing extra LT Distributors / DO fuse set and LT Distribution pillar box	700	11.33	4.86		16.19
Strengthening of LT line (Replacement of damaged conductors / jarjar poles / jarjar lines with higher capacity of conductors, etc)	600	10.62	4.55		15.18
Strengthening of HT line	700	14.16	6.07		20.23
Replacement of damaged/obsolete 11kV OCB / VCB, etc	400	17.00	7.28		24.28
Double Metering of consumers		5.67	2.43		8.09
LT AERIAL BUNCHED CONDUCTORS	100	11.33	4.86		16.19

Description	Qty	Capital Investment Plan			
		Loans	Equity / Internal Accruals	Deposit Works	Total
Underground cabling work - 11 and 33 kV	80	28.33	12.14		40.47
Capital Works under Vyapar Vikas Nidhi		213.66	91.57		305.23
33/11 kV Substations under Tehsil Scheme	26	142.09	60.90		202.99
33/11 kV Substations under CM's declaration					
Feeder Segregation Scheme		55.39	23.74		79.13
RGVY Phase II (11th Plan Pending Works)		42.63	18.27		60.90
RGVY Phase II (12th Plan)		75.61	32.40		108.01
Other Misc Works		9.10	3.90		13.00
R-APDRP Part A		67.39	28.88		96.27
R-APDRP Part B		374.25	160.39		534.64
Deposit Works				409.68	409.68
Total		1625.05	696.45	409.68	2731.18

Table 4-2: Proposed Capital Expenditure in FY 2016-17 (Rs Crore)

Particulars	Physical	Capital Investment Plan			
		Loans	Equity / Internal Accruals	Deposit Works	Total
Energisation of PTW Connections	8550	63.09	27.04		90.14
Electrification of villages under Dr. Ram Manohar Lohia Samagr Vikas Yojna Scheme	208	68.64	29.42		98.05
33 kV / 11 kV Works under Business Plan					
a) 33 kV Works	0	0.00	0.00		0.00
Construction of new 33/11 kV S/s and associated 33 kV lines	38	106.30	45.56		151.85
Increasing capacity of 33 / 11 kV S/s	65	35.27	15.12		50.39
33 kV link line	460	32.56	13.95		46.51
Replacement of damaged/obsolete 33kV VCB & Switchgears and higher capacity of conductor, poles, S/s apparatus, etc.	150	5.43	2.33		7.75
b) 11 kV Works					
11 kV new line (bifurcation of feeders, link lines, etc)	150	5.13	2.20		7.33
11/0.4 kV S/s (25, 63 & 100 kVA)	150	3.26	1.40		4.65
11/0.4 kV S/s (250 & 400 kVA)	40	1.79	0.77		2.56
11/0.4 kV S/S Increasing Capacity (25 to 63 and 63 to 100 kVA)	300	3.26	1.40		4.65
11/0.4 kV S/S Increasing Capacity (100 to 250 kVA and 250 to 400 kVA)	45	2.03	0.87		2.89
Strengthening of 11 kV Line	200	3.09	1.33		4.42

Particulars	Capital Investment Plan				
	Physical	Loans	Equity / Internal Accruals	Deposit Works	Total
11/0.4 kV S/s providing extra LT Distributors / DO fuse set and LT Distribution pillar box	300	3.26	1.40		4.65
Strengthening of LT line (Replacement of damaged conductors / jarjar poles / jarjar lines with higher capacity of conductors, etc)	200	2.39	1.02		3.41
Strengthening of HT line	0	0.00	0.00		0.00
Replacement of damaged/obsolete 11kV OCB / VCB, etc	230	7.60	3.26		10.85
Double Metering of consumers	0	1.52	0.65		2.17
LT Aerial Bunch Conductors	60	5.43	2.33		7.75
System Augmentation of Distribution Network	22	147.07	63.03		210.09
Capital Works under Vyapar Vikas Nidhi	0	108.52	46.51		155.03
33/11 kV Substations under Tehsil Scheme	31	135.28	57.98		193.26
33/11 kV Substations under CM's declaration	4	12.15	5.21		17.36
Feeder Segregation Scheme	0	126.25	54.11		180.36
RGGVY Phase II (11th Plan Pending Works)	0	12.81	5.49		18.30
RGGVY Phase II (12th Plan)	0	18.54	7.95		26.49
Other Misc Works	0	62.29	26.70		88.99
R-APDRP Part A	0	74.73	32.03		106.76
R-APDRP Part B	0	374.25	160.39		534.64
Deposit Works	0	0.00	0.00	400.00	400.00
Total		1421.92	609.39	400.00	2431.31

5. COMPLIANCE OF HON'BLE COMMISSION'S DIRECTIVES


The Hon'ble Commission had issued certain directives to the Petitioner in the FY 2015-16 tariff order dated 18th June, 2015. The Petitioner submits the status of compliance of the directives as follows.

Table 5-1: Status of Compliance of the Directives issued vide Order dated 18.06.2015

Ref Sl No	Description of Directive	Status of Compliance
1	The Commission directs the Licensee to pressingly pursue the GoUP for finalisation of the Transfer Scheme and submit a copy of the same.	The Petitioner humbly submits that efforts are already underway as regards finalization of transfer schemes, line pending for notification by the GoUP.
2	The Commission reiterates its direction to the Licensee to ensure proper maintenance of detailed fixed assets registers as specified in the Distribution Tariff Regulations. As the fixed asset registers are pending since the creation of Discom, the Commission directs the Licensee to submit a status report and provide the proposed timelines / milestones for clearing the backlog.	The Petitioner humbly submits that it has not been able to finalise the preparation of the FARs sofar owing to the huge backlog of previous financial years. The Petitioner is committed to complete the fixed asset register as early as possible.
3	The Commission directs the Licensee to frame an appropriate policy on capitalization of (i) employee costs, and (ii) A&G expenses.	The Petitioner's policy on capitalization of (i) employee costs, and (ii) A&G expenses has been provided in the Notes on Accounts annexed with the audited accounts which is reproduced below: <i>"Due to multiplicity of functional units as well as multiplicity of function at particular unit, employee cost and general & administration expenses to capital works are capitalised @ 15% on distribution and deposit work, 11% on other works on the amount of total expenditure."</i>
4	The Commission directs the Licensee to submit Fresh Actuarial Valuation Study Report in respect to employee expenses.	The Petitioner submits that the matter would be taken up at UPPCL level as common cadre is maintained in the Discoms and UPPCL.
5	As lack of approved transparent policy on identifying and writing off bad debts is hindering allowance of bad debts as an ARR component; the Commission directs the Licensee to submit ten sample cases of LT & HT consumers where orders have been issued for writing off bad debts, clearly depicting the procedure adopted for writing off bad debts along with policy framework for managing bad debts for the Commission's perusal.	The Petitioner submits that it has framed a policy for identifying and writing off old arrears and a copy of the same was submitted to the Hon'ble Commission during the proceedings in respect of ARR and Tariff Petition for FY 2014-15. A copy of which again resubmitted and marked as Annexure-4. Appropriate directions have been issued to the field units to compile the sample cases based on such order issued by the licensee.

Ref Sl No	Description of Directive	Status of Compliance
6	The Commission directs the Licensee to submit data related to its peak demand and off peak demand in MW along with its sales projections in accordance with Clause 3.1.4 of the Distribution Tariff Regulations	The Petitioner humbly submits that the connected load is around 7700 MW and the R.D.M is around 2500 MW.
7	The Commission directs the Licensee to reconcile the inter-unit balances lying un-reconciled either itself or through independent chartered accountant firms.	The Petitioner submits that the determination of tariff is done by the Hon'ble Commission on normative basis based on the Tariff Regulations. As such the inter-unit reconciliation has no forbearance on the ARR and Tariff determination and assessment of revenue gap.
8	The Commission directs the Licensee to pay the applicable interest on consumer's security deposit as per the Orders of the Commission and submit the compliance report with the next ARR filing. Licensees are directed to ensure the timely payment of the interest on security deposit to the consumers.	The Petitioner submits that the interest on consumer security deposit is being credited to the consumer's account in terms of the Supply Code and Tariff Orders of the Hon'ble Commission.
9	As regards the Commission's directives to submit a road map for 100% metering in its licensed area given in the Tariff Order dated 31 st May, 2013, the Licensees has not complied with the directions of the Commission. The Commission once again directs the Licensee to comply with the direction given by the Commission in this Order and accordingly put it sincere efforts to achieve 100% metering.	The Petitioner submits that 100% metering of urban consumers is likely to be achieved by 31.12.2015.
10	The Commission further directs the Petitioner to sign the MoUs to be implemented at all levels and submit the copy of the same to the Commission.	The Petitioner humbly seeks some more time to comply with the directives of the Hon'ble Commission.
11	The Commission directs the Petitioner to provide the actual power purchase data in the format specified by the Commission along with the ARR Petition for FY 2016-17	The Petitioner humbly submits that it has provided a detailed power procurement plan for FY 2015-16 and 2016-17 in the present petition.
12	As regards timely filing of FPPCA the Commission once again directs the Licensees that they should file FPPCA in a timely and regular manner in accordance with the Distribution Tariff Regulations, 2006 failing which the Commission may have to resort to take strict action against the Licensees like disallowance of	The Petitioner states that the decision on the Petition filed towards clarification/ modification of the FPPCA formula has been taken by the Hon'ble Commission in its order dated 18 th June 2015. Accordingly, the Petitioner would be filing its FPPCA submissions from the first billing quarter after the issue of the FY 2016-17 tariff order i.e., July to September 2015 by the end of December

Ref Sl No	Description of Directive	Status of Compliance
	additional power purchase expenses and the associated carrying cost on account of additional Power Purchase expenses or any other action that the Commission may deem fit while doing the Truing up.	2015.
13	As regards the RPO Obligation the Licensees are directed to ensure that they procure renewable energy in accordance with Regulation 4 of the UPERC (Promotion of Green Energy through Renewable Purchase Obligation) Regulations, 2010 during FY 2014-15 to meet their obligation.	The Petitioner humbly submits that the RPO obligation is being met through purchase from cogen and solar power producers.
14	As regards the choice of connection, the Licensee, in accordance with the provisions of the supply code wherein the consumer has the choice to opt the supplier, is directed to release connections to all such consumers who desire to disconnect their connections from the single point supplier and instead wish to take connections directly from the Licensee and submit the status report on the same along with next ARR filing	Wherever feasible (both technically and economically), the Petitioner is complying with the provisions of the Supply Code.
15	The Licensee is directed to file a separate Petition for approval of prior period expenses / incomes. The Petition should clearly indicate the head-wise year-wise bifurcation of prior period expenses / incomes clearly indicating the impact of such expenses / incomes on various ARR components, and such impact should not exceed the normative expenses for any particular year.	The Petitioner submits that the prior period expenses / incomes are recognised in the financial statements in compliance with the Accounting Standards (AS 5) (Revised) on 'Net Profit or Loss for the Period, Prior Period Items and Changes in Accounting Policies' which does not require year wise classification of prior period items. As there was no statutory requirement of classifying the prior items with respect to the each year to which they pertain, such information was not specifically depicted in the audited accounts. Considering this, the expenses and incomes which are omitted to be accounted for in one or more financial years are accounted for as and when such omissions or errors are detected. The desired information is required to be made available by the respective field unit which would be compiled at the zonal level and then zonal accounts would be compiled at the corporate level. Given the complexity and time involved in this task, the Petitioner humbly seeks waiver from immediate submission of this information.


 अधिशासी अभियन्ता (वाणिज्य)
 राष्ट्रीय विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, भेरठ

Ref Sl No	Description of Directive	Status of Compliance
16	The Licensee is directed to submit a note detailing the area-wise actual number of supply hours provided to rural areas by the end of FY 2015-16.	The Petitioner humbly submits that the information pertaining to the supply hours is being regularly published on the website of the Petitioner. Also the information towards the same has been provided in the succeeding chapter where load forecast has been discussed.
17	The Distribution Licensees are directed to submit the actual Regulatory Surcharge recovered in FY 2015-16 on account of the Revenue Gap / Regulatory Asset admitted by the Commission in this Order along with the actual Distribution Losses achieved in FY 2015-16 and additional target consumers added in FY 2015-16 by 15 th April, 2016.	As per the directives of the Hon'ble Commission and the timelines prescribed, the details towards the recovered FPPCA would be submitted by 15 th April 2016.
18	The Commission directs the Licensee to evolve principles for prudent segregation of ARR towards wheeling function and retail supply function embedded in the distribution function in accordance with Clause 2.1.2 of the Distribution Tariff Regulations.	The Petitioner humbly submits that the Hon'ble Commission being an expert and independent body may kindly like to take up a study in this regard. Alternately, if the Petitioner is required to take up such study, then the Hon'ble Commission is requested to provide the terms of reference of such study so as ensure that the study is conducted in an objective manner.
19	The Commission directs the Licensee to submit a long term business plan in accordance with Clause 2.1.7 of the Distribution Tariff Regulations. The Licensee in such business plan shall identify capex projects for the ensuing year and subsequent four years and submit detailed capital investment plan along with a financing plan for undertaking the identified projects in order to meet the requirement of load growth, refurbishment and replacement of equipment, reduction in distribution losses, improvement of voltage profile, improvement in quality of supply, system reliability, metering, communication and computerization, etc.	The Petitioner would endeavor to meet the deadlines prescribed by the Hon'ble Commission.
20	The Commission directs the Licensee to conduct benchmarking studies to determine the desired performance standards in accordance with Clause 2.1.8 of the Distribution Tariff Regulations.	The Petitioner would endeavor to meet the deadlines prescribed by the Hon'ble Commission.
21	The Petitioner should file its Annual ARR/	The instant petition has been filed duly complying

Ref SI No	Description of Directive	Status of Compliance
	Tariff Petition for FY 2016-17 as per the Regulations 12.2, 12.7, 12.8, 12.9 notified vide MYT Regulations, 2014	with the indicated provisions of the 2014 Tariff Regulations.
22	The Petitioner should complete the Assessment Study of metered consumers as per the Regulations 16.2 notified vide MYT Regulations, 2014 and subsequently submit the report to the Commission	The Petitioner would endeavor to meet the deadlines prescribed by the Hon'ble Commission.
23	The Petitioner should complete the Assessment Study of un-metered consumers to establish base line norms as per the Regulations 17.1 notified vide MYT Regulations, 2014 and subsequently submit the report to the Commission	The Petitioner would endeavor to meet the deadlines prescribed by the Hon'ble Commission.
24	The Petitioner should complete the Study of Agriculture feeders segregated and not segregated in significant numbers to determine base line norms as per the Regulations 17.2, 17.3 notified vide MYT Regulations, 2014 and subsequently submit the report to the Commission	The Petitioner would endeavor to meet the deadlines prescribed by the Hon'ble Commission.
25	The Commission reiterates that the Licensees should conduct a detailed study to provide accurate and effective consumption norms as specified by the Commission in its earlier Orders and as per the provisions outlined in Uttar Pradesh Electricity Regulatory Commission (Multi Year Distribution Tariff) Regulations, 2014 in the time bound manner.	The Petitioner would endeavor to meet the deadlines prescribed by the Hon'ble Commission.
26	The Petitioner should submit Incremental Power Purchase Cost as per the Regulations 20.1 notified vide MYT Regulations, 2014 and subsequently submit the report to the Commission	The Petitioner understands that it is required to submit the FPPCA petition up to 31.3.2017.
27	The Petitioner should submit Roadmap for Reduction of Cross Subsidy as per the Regulation 39 notified vide MYT Regulations, 2014	The Petitioner would endeavor to meet the deadlines prescribed by the Hon'ble Commission.
28	The Petitioner should record and maintain Division wise, Circlewise AT&C Losses and submit the quarterly report to the Commission.	The Petitioner had filed such report along with the data gaps reply pertaining to the ARR petition for FY 2015-16.
29	The Petitioner should submit month wise details of number of supply hours for rural	The information pertaining to the supply hours has been submitted along with the instant petition.

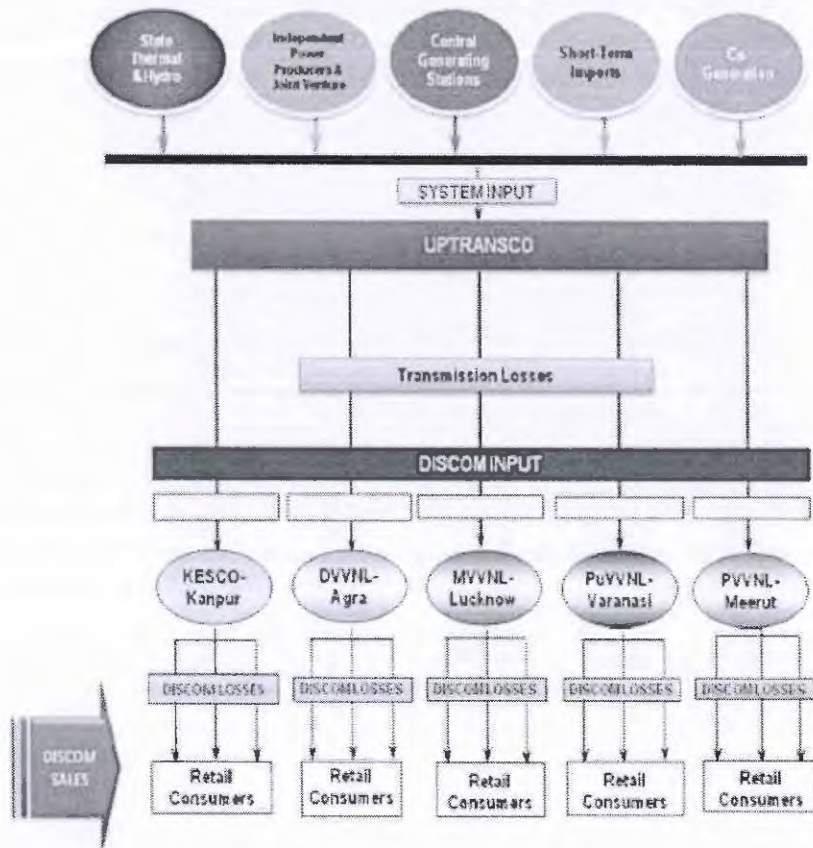
Ref Sl No	Description of Directive	Status of Compliance
	and urban area for FY 2014-15.	
30	Licensee should provide online facility for submission of application for new connection, name change, load enhancement and load reduction.	The observations of the Hon'ble Commission have been noted and action has been initiated on such matters. The Petitioner has a robust automated consumer interface which has been detailed in the instant petition in the foregoing sections.
31	Licensee should develop the mobile application for online payments of bills including other services for facilitation to consumers	The Petitioner is committed to introduce mobile application for online payment of bills and other services. The Petitioner has a robust automated consumer interface which has been detailed in the instant petition in the foregoing sections.
32	The Petitioner should submit Standards of Performance parameters as per the tariff formats of Distribution Tariff Regulations, 2006.	The Petitioner would endeavor to meet the deadlines prescribed by the Hon'ble Commission.
33	The Petitioner should submit additional consumers added in FY 2014-15 apart from the normal consumer addition.	The information pertaining to the number of consumers has been provided in the succeeding chapter where load forecast has been discussed.
34	The Commission directs the Petitioner to frame guidelines and procedures for identifying, physically verifying and writing off the bad debts and also to fix responsibility of its employees in this regard and submit the same to the Commission for its approval.	The Petitioner submits that it has framed a policy for identifying and writing off old arrears and a copy of the same was submitted to the Hon'ble Commission during the proceedings in respect of ARR and Tariff Petition for FY 2014-15. Appropriate directions have been issued to the field units to compile the sample cases based on such order issued by the licensee. A copy of same is enclosed and marked as Annexure-4
35	The Commission directs the Licensees that, from FY 2013-14 onwards it should clearly depict the total power purchase cost incurred at UPPCL level, total power purchase cost paid by the Licensees to UPPCL and power cost payable to UPPCL in its true-up petitions for future years.	The directions issued by the Hon'ble Commission have been complied in the instant petition.
36	The Commission directs the Licensee that Open Access shall be allowed as per the provisions outlined by the Commission in its Regulations and amendments from time to time.	Open access has already been operationalised in the MVVNL supply area.

6. LOAD FORECAST AND REVENUE ASSESSMENT

The Petitioner has projected the category-wise load growth based on the CAGR of the last eight years data and considering factors like available population data, expected conversion of unauthorized connections, connected load factor and specific growth factors. While projecting the data for past years, wherever the data was incongruous such incongruity was ignored while projecting the load growth for the ensuing years. The forecast projects the specific consumption level (consumption per customer) appropriate for each customer category. This forecast is based on expected growth relationships to income and price, the effect of Demand Side Management and the impact of hours of service. The specific consumption level along with the number of customers in each category gives the sales figure for that particular sub-category. The final detailed calculations estimate the connected load by tariff category. The division level forecasts are consolidated and losses are added to the sales estimates to determine energy generation requirements.

The schematic diagram for Energy flow in state of UP is depicted in figure below:

Table 6-1: The schematic diagram for Energy flow in state of UP



6.1 DETAILED METHODOLOGY FOR LOAD FORECAST

6.1.1 OVERVIEW

Sales and Load Forecasting involves firstly, building robust and accurate sales forecast and load forecast models that are able to predict energy sales within reasonable margins of error and secondly, application of the models so prepared to provide long term forecast of energy sales to various consumer sub categories (based on tariffs applied) and the total energy requirement to meet the demand.

6.1.2 METHODOLOGY

The following methodology was followed for Sales and Load Forecasting:

- a. Consumer category wise commercial data of each discom comprising Number of consumers/ Connected load (kW)/ Energy sales (billed energy): kWh, split between rural/urban consumers was tabulated for the years 2001-02 to 2009-10.
- b. Similar data for each consumer sub-category was tabulated for the years 2010-11 to 2014-15.
- c. 3 years' (2012-13 to 2014-15) compounded annual growth rate (CAGR) was determined for the following parameters consumer sub-category wise:
 - Number of consumers
 - Connected load: kW
 - Energy sales (billed energy): kWh
- d. CAGR for each of three major commercial parameters for 3/5/7/10 years was determined consumer category-wise.
- e. Running hour factor: Load shedding affects different consumer categories differently. Its effect was taken into account through a factor of present running hour supply and projected hour supply.

However, no adjustment on account of load shedding was made in case of the following:

- a) Following consumer categories:
 - Industrial
 - Agricultural (assuming that the water output of agricultural pump sets in the limited hours of supply is enough for meeting the irrigation requirements)
 - Railway traction

The Energy Billed was calculated by applying the factor to the remaining consumer categories in all areas. This was done step-wise as follows:

- b) Projecting the running hours supply;

- c) Obtaining the factor of running hours supply between present supply hours and projected hours supply;
- d) Sub-category Energy billed in % tabulated by way of Mahanagar, Commissioner, Districts, Bundelkhand and Rural Area according to the prevailing classification of the Areas; and
- e) As per the factors given below, the energy billed was projected.

Table 6-2: Projected Hours of Supply

Description	Projected Approx. Running Hours		
	Base Year (2014-15)	2015-16	2016-17*
Mahanagar – M	21:59	22:44	24:00
District – D	18:11	18:38	22:00
Commissionary - C	20:54	21:26	24:00
Rural – R	11:15	10:57	16:00
Bundelkhand – B	17:21	17:41	22.00

* Hours of supply would be increased from October 2016 in view of the increase in generation capacities

- f. Demand Side Management - Category wise energy Billed was calculated by applying the DSM factor.
- g. Following three ratios were determined for each set of commercial data of a given consumer category/ sub-category for each year:
- f) Energy sales per consumer
- g) Connected load per consumer
- h) Energy sales/Connected load
- h. Sales Forecasting: LV Consumers – Sub-category-wise
- a) **Number of consumers:**
- Adopted appropriate value of CAGR in the following manner:
- Normally 3 years' CAGR of number of consumers (sub-category wise) was adopted
 - Wherever calculated value of 3 years' CAGR of number of consumers seemed unreasonably high or low, the most reasonable calculated value between 5/7/10 years' CAGR was adopted. The adopted value of CAGR was applied across all sub-categories within a given consumer category.
 - Applied the CAGR so adopted to determine forecasted values of number of consumers, taking 2014-15 as the base year.

b) Connected load:

Multiplied number of consumers by the highest ratio of connected load per consumer calculated for the last three years to determine consumer sub-category wise connected load forecasts corresponding to forecasted values of number of consumers.

c) Energy Sales:

i. LMV 1 & LMV 10 Consumer categories:

Forecasted value of energy sales for each consumer sub-category was determined by multiplying the number of consumers by the highest value of energy sales per consumer for the last three years. Wherever the highest value of energy sales per consumer was found to be unreasonably high, the second highest value of the above ratio was adopted as the multiplier for determining energy sales corresponding to the forecasted value of number of consumers.

ii. LMV Consumer categories (metered) other than LMV1 & LMV10 consumer categories:

Adopted the highest value of energy sales per kW connected load for a given consumer sub-category for the last three years as the multiplier to obtain forecasted value of energy sales corresponding to the forecasted value of connected load.

iii. LMV: Unmetered consumers (except rural state tube wells):

Forecasted value of energy sales for a given consumer sub-category was obtained by multiplying the forecasted value of connected load by the standard value of energy sales per kW connected load laid down in the norms.

iv. Rural state tube wells:

Forecasted value of energy sales was obtained by multiplying the forecasted value of number of consumers by the standard value of energy sales per consumer laid down in the norms as below:

Table 6-3: Consumption Determinant

Sr.No	Category of Un-Metered Consumer	Units	Consumption of Energy Per Month
1	Private Tube Well	KWh/KW	137.49
2	Domestic Rural Consumers	KWh/KW	108
3	Rural Commercial Consumers	KWh/KW	108
4	Rural State Tube Well	KWh/Consumer or Pump	5343.53
5 -A	Street Light - Rural Area	KWh/KW	300
5 -B	Street Light - Urban Area	KWh/KW	360

i. Sales Forecasting: HV Consumers – Sub-category-wise

a) Connected Load:

Forecasted value of connected load for a given sub-category for a given year was determined by applying the 3 years' CAGR of connected load calculated for the particular consumer sub-category, taking 2014-15 as the base year. Wherever the 3 years' CAGR appeared unreasonably high or low, the figure from amongst CAGR of connected load for a given consumer category calculated for 5/7/10 years that seemed most reasonable, was adopted as the CAGR to be used for forecasting. This value of CAGR was applied to all sub-categories comprising a given consumer category.

b) Number of consumers:

Forecasted number of consumers corresponding to the forecasted value of connected load for a consumer sub-category in a given year was determined by dividing connected load by the value of connected load per consumer calculated of the preceding year.

c) Energy sales:

- Year wise and sub-category wise energy sales forecasts were obtained by multiplying the forecasted value of connected load by the highest ratio of energy sales per kW connected load of the last three years.
- Year wise and sub-category wise energy sales forecasts were obtained by multiplying the forecasted value of sales MU by the running hour factors.
- Year wise and sub-category wise energy sales forecasts were obtained by multiplying the forecasted value of sales MU by the DSM factors.

6.1.3 CONSUMER SUB-CATEGORY WISE PROJECTIONS

Projections for Nos of Consumer sub-category wise for the two years were provided for each discom.

6.1.4 CONNECTED LOAD SUB-CATEGORY WISE PROJECTIONS

Projections for Connected Load sub-category wise for the two years were provided for each discom.

6.1.5 SALES SUB-CATEGORY WISE PROJECTIONS

Projections for Sales sub-category wise for the two years were provided for each discom.

6.1.6 PROJECTIONS FOR INPUT ENERGY

Following assumptions, based on experience, were made with regard to losses:

a. % Distribution Losses:

Approximate distribution losses figures in % for two years were assumed as given in the following table:

Table 6-4: Distribution Losses Trajectory

Discom	Base Year (2014-15)	2015-16	2016-17
PaVVNL (Retail)	19.66%	19.52%	18.00%
PuVVNL	23.88%	20.93%	19.25%
MVVNL	22.88%	21.03%	19.00%
DVVNL (Retail)	29.49%	29.00%	26.00%
KESCO	26.04%	23.50%	22.00%

b. Transmission Losses:

Intra-state and inter-state transmission losses, to be added to the power delivered at the discoms at their input points to arrive at the energy required at the power plant bus bars, were taken as 5.26%.

c. Allocation of Additional Energy:

The difference of Energy Requirement and available at discom level was allocated to all categories except HT, Agriculture and Railway on the basis of existing share in sales.

6.1.7 INPUT ENERGY REQUIREMENT

Input energy requirement was determined from Energy Billed using the following relationship:

Input Energy = Energy Billed ÷ (1-% Technical & Distribution Loss)

6.1.8 SALES FORECASTS FOR 2015-16 & 2016-17

The billed energy was required to be worked out on the basis of the availability of energy for the current year and the next year, which are as follows:

- Year 2015-16: 1,04,433 MU
- Year 2016-17: 1,19,020 MU

Table 6-5: Energy Balance

Energy Balance	FY 2014-15 (Base Year)	FY 2015-16	FY 2016-17
Purchases Required & Billed Energy (MU)			
Input Energy Requirement	87,736	1,10,231	1,25,627
Transmission losses%	6.59%	5.26%	5.26%
Input Energy Requirement At DisCom Level	81,953	1,04,433	1,19,020

Energy Balance	FY 2014-15 (Base Year)	FY 2015-16	FY 2016-17
Meerut	25,946	29,913	34,186
Agra	19,138	24,041	27,773
Lucknow	15,126	19,007	21,525
Varanasi	18,252	27,853	31,333
Bulk	3,491	3,620	4,203
Consumer Sales (MU)	62,480	80,945	94,599
Meerut	20,845.36	24,074	28,033
Agra	13,494.13	17,069	20,552
Lucknow	11,665.40	15,010	17,435
Varanasi	13,893.33	22,023	25,301
Bulk	2,581.75	2,769	3,278
Distribution Losses (% of Energy Received)	23.76%	22.49%	20.52%
Meerut	19.66%	19.52%	18.00%
Agra	29.49%	29.00%	26.00%
Lucknow	22.88%	21.03%	19.00%
Varanasi	23.88%	20.93%	19.25%
Bulk	26.04%	23.50%	22.00%

6.2 SALES FORECAST

The year 2015-16 is expected to see a substantial jump in the total availability of energy at the source power plant bus bars at around 1,10,231 MU when compared to around 87,736 MU in 2014-15 for Uttar Pradesh as a whole. The demand of most consumer categories and discoms is presently constrained by availability which falls substantially short of demand. Hence, with increased availability of energy, the projected sales are expected to rise not only on account of natural load growth but also because of easing of supply constraints.

Total availability of energy for 2016-17 is around 1,25,627 MU. The projected sales will be impacted by normal load growth and increased hours of supply.

a) LMV Consumers – Sub-category-wise

Adopted appropriate value of CAGR and 3/5/7/10 year's CAGR are as below:

Table 6-6: LMV Consumers Growth Rate

MEERUT DISCOM			CONSUMER NUMBER - CAGR					
SUPPLY TYPE	CAT	CATEGORY	Last 3 Year	Last 5 Years	Last 7 Years	Last 10 Years	Assumed	
LMV--1		Rural						
		Urban						
	(A)	Consumer getting supply as per "Rural Schedule"						
		(i) Un-metered	10%	10%	8%	0%	-2%	
		(ii) Metered	20%	7%	-1%	0%	58%	
	(B)	Supply at Single Point for Bulk Load	-59%	-63%	18%	0%	1%	
	(C1)	Other Metered Domestic Consumers	4%	6%	7%	0%	10%	
	(C2)	Life Line Consumers/BPL	-11%	76%	146%	0%	3%	
	SUB TOTAL	DOMESTIC LIGHT FAN & POWER (LMV-1)		7%	8%	7%	6%	
	LMV--2		Rural					
		Urban						
(A)		Consumer getting supply as per "Rural Schedule"						
		(i) Un-metered	5%	-17%	-12%	0%	8%	
		(ii) Metered	-19%	-15%	-11%	0%	10%	
(B)		Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	-59%	75%	0%	0%	5%	
(C)		Other Metered Non-Domestic Supply	7%	6%	6%	0%	7%	
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)		2%	3%	4%	4%	
LMV--3		A	Rural					
			Urban					
	(A)	Un-metered Supply						
		(i) Gram Panchyat	34%	27%	13%	0%	20%	
		(ii) Nagar Palika & Nagar Panchyat	9%	3%	3%	0%	8%	
		(iii) Nagar Nigam	-3%	-14%	-21%	0%	10%	
	(B)	Metered Supply						
		(i) Gram Panchyat	12%	163%	19%	0%	15%	
		(ii) Nagar Palika & Nagar Panchyat	33%	21%	11%	0%	15%	
		(iii) Nagar Nigam	8%	13%	18%	0%	8%	
SUB TOTAL	PUBLIC LAMPS (LMV-3)		20%	15%	8%	-3%	0%	
LMV--4	A	Rural	0%				0%	
		Urban	0%				0%	
	B	Rural	0%				0%	
		Urban	0%				0%	
	(A)	Public Institution(4 A)	4%	18%	19%	0%	4%	
	(B)	Private Institution(4 B)	3%	-2%	3%	0%	3%	
	SUB TOTAL	LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV-4)		4%	13%	15%	11%	0%
	LMV--5	Rural		0%				0%
Urban			0%				0%	

MEERUT DISCOM			CONSUMER NUMBER - CAGR				
SUPPLY TYPE	CAT	CATEGORY	Last 3 Year	Last 5 Years	Last 7 Years	Last 10 Years	Assumed
	(A)	Rural Schedule	0%				0%
		(i) Un metered Supply	2%	3%	3%	0%	3%
		(ii) Metered Supply	88%	47%	72%	0%	20%
	(B)	Urban Schedule					
		(i) Metered Supply	2%	3%	0%	0%	2%
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	3%	4%	3%	4%	0%
LMV-6		Rural	0%				0%
		Urban	0%				0%
	(A)	Small & Medium Power (Power Loom)	0%				0%
		(i) Rural Schedule	-79%	-55%	-41%	0%	5%
		(ii) Urban Schedule	-16%	-19%	-16%	0%	5%
	(B)	Small & Medium Power	0%	0%	0%	0%	0%
		(i) Rural Schedule	2%	9%	9%	0%	2%
		(ii) Urban Schedule	9%	9%	11%	0%	9%
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	3%	5%	6%	5%	0%
LMV-7		Rural	0%				0%
		Urban	0%				0%
	(A)	Rural Schedule	0%	0%	0%	0%	0%
		(i) Jal Nigam	-1%	6%	4%	0%	10%
		(ii) Jal Sansthan	-1%	-4%	-11%	0%	15%
		(iii) Others (Water Works)	10%	9%	15%	0%	15%
	(B)	Urban Schedule	0%	0%	0%	0%	0%
		(i) Jal Nigam	14%	16%	12%	0%	20%
		(ii) Jal Sansthan	20%	1%	5%	0%	15%
		(iii) Others (Water Works)	4%	9%	13%	0%	10%
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)	5%	8%	11%	9%	
LMV-8		Rural	0%				0%
		Urban	0%				0%
	(A)	Metered Supply	38%	1%	-4%	0%	10%
	(B)	Un-metered Supply					
		(i) STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	3%	3%	2%	0%	3%
		(ii) Laghu Dal Nahar above 100 BHP	-100%	-100%	-100%	0%	0%
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	3%	3%	1%	1%	
LMV-9		Rural	0%				0%
		Urban	0%				0%
	(A)	Metered Supply	0%	0%	0%	0%	0%
		(i) Individual Residential Consumers	-6%	89%	0%	0%	5%
		(ii) Others	0%	-100%	-100%	0%	0%
	(B)	Un-metered Supply	0%	0%	0%	0%	0%

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

MEERUT DISCOM				CONSUMER NUMBER - CAGR				
SUPPLY TYPE	CAT	CATEGORY		Last 3 Year	Last 5 Years	Last 7 Years	Last 10 Years	Assumed
		(i)	Ceremonies	-48%	-23%	0%	0%	2%
		(ii)	Temporary Shops	0%	-100%	-100%	0%	0%
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)		-6%	1%	8%	0%	
LMV--10	(A)	Serving		0%	0%	0%	0%	0%
		(i)	Class IV Employees	-3%	3%	1%	0%	2%
		(ii)	Class III Employees	-2%	-1%	0%	0%	8%
		(iii)	Junior Engineers & Equivalent	1%	0%	2%	0%	4%
		(iv)	Assistant Engineers & Equivalent	1%	0%	3%	0%	1%
		(v)	Executive Engineers & Equivalent	1%	-24%	-15%	0%	1%
		(vi)	Deputy General Manager & Equivalent	0%	0%	4%	0%	2%
		(vii)	CGM/GM & Equivalent posts and above	159%	10%	43%	0%	5%
	(B)	Total Pensioner & Family Pensioner		3%	6%	4%	0%	3%
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)		1%	2%	2%	0%	1%
HV--1		Rural		0%				0%
		Urban		0%				0%
	(A)	Urban Schedule		0%				0%
		(i)	For supply at 11kV	44%				20%
		(ii)	For supply above 11kV and upto & Including 66kV	32%				22%
		(iii)	For supply above 66kV and upto & Including 132kV	0%				1%
		(iv)	For supply above 132kV	0%				
	(B)	Rural Schedule		0%				0%
		(i)	For supply at 11kV	246%				20%
		(ii)	For supply above 11kV and upto & Including 66kV	-100%				15%
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)		44%	14%	0%	0%	5%
HV--2		Rural		0%				0%
		Urban		0%				0%
	(A)	Urban Schedule		0%				0%
		(i)	For supply at 11kV	4%				19%
		(ii)	For supply above 11kV and upto & Including 66kV	-21%				8%
		(iii)	For supply above 66kV and upto & Including 132kV	73%				40%
		(iv)	For supply above 132kV	-72%				50%
	(B)	Rural Schedule		0%				0%
		(i)	For supply at 11kV	0%				10%
		(ii)	For supply above 11kV and upto & Including 66kV	0%				0%

MEERUT DISCOM			CONSUMER NUMBER - CAGR				
SUPPLY TYPE	CAT	CATEGORY	Last 3 Year	Last 5 Years	Last 7 Years	Last 10 Years	Assumed
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)	2%	8%	6%	8%	18%
HV--3		Rural	0%				0%
		Urban	0%				0%
	(A)	For supply at the above 132kV	-29%				5%
	(B)	For supply below 132kV	0%				0%
	(C)	For Metro Traction	0%				0%
SUB TOTAL		RAILWAY TRACTION (HV-3)	0%	32%	0%	0%	
HV--4		Rural	0%				0%
		Urban	0%				0%
	(A)	For supply at 11kV	0%				0%
	(B)	For supply above 11kV and upto 66kV	0%				0%
	(C)	For supply above 66kV and upto 132kV	0%				0%
SUB TOTAL		LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)	0%	0%	0%	0%	
EXTRA STATE		Rural	0%				0%
		Urban	0%				0%
	(A)	EXTRA STATE & OTHERS	0%				0%
SUB TOTAL		EXTRA STATE CONSUMERS	0%	0%	0%	0%	0%
BULK		Rural	0%				0%
		Urban	0%				0%
	(A)	NPCL	0%				0%
	(B)	KESCO	0%				0%
SUB TOTAL		BULK SUPPLY	0%	0%	0%	0%	0%


b) HV Consumers – Sub-category-wise

Adopted appropriate value of CAGR for Load Forecast and 3/5/7/10 year's CAGR are as below:

Table 6-7: HV Consumers Growth Rate

MEERUT DISCOM			CONSUMER NUMBER - CAGR				
SUPPLY TYPE	CAT	CATEGORY	Last 3 Year	Last 5 Years	Last 7 Years	Last 10 Years	Assumed
HV--1		Rural	0%				0%
		Urban	0%				0%
	(A)	Urban Schedule	0%				0%
		(i) For supply at 11kV	44%				20%
		(ii) For supply above 11kV and upto & Including 66kV	32%				22%
		(iii) For supply above 66kV and	0%				1%

MEERUT DISCOM			CONSUMER NUMBER - CAGR				
SUPPLY TYPE	CAT	CATEGORY	Last 3 Year	Last 5 Years	Last 7 Years	Last 10 Years	Assumed
		upto & Including 132kV					
	(iv)	For supply above 132kV	0%				
	(B)	Rural Schedule	0%				0%
	(i)	For supply at 11kV	246%				20%
	(ii)	For supply above 11kV and upto & Including 66kV	-100%				15%
SUB TOTAL	NON INDUSTRIAL BULK LOADS (HV-1)		44%	14%	0%	0%	5%
HV--2		Rural	0%				0%
		Urban	0%				0%
	(A)	Urban Schedule	0%				0%
	(i)	For supply at 11kV	4%				19%
	(ii)	For supply above 11kV and upto & Including 66kV	-21%				8%
	(iii)	For supply above 66kV and upto & Including 132kV	73%				40%
	(iv)	For supply above 132kV	-72%				50%
	(B)	Rural Schedule	0%				0%
	(i)	For supply at 11kV	0%				10%
	(ii)	For supply above 11kV and upto & Including 66kV	0%				0%
SUB TOTAL	LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)		2%	8%	6%	8%	18%
HV--3		Rural	0%				0%
		Urban	0%				0%
	(A)	For supply at the above 132kV	-29%				5%
	(B)	For supply below 132kV	0%				0%
	(C)	For Metro Traction	0%				0%
SUB TOTAL	RAILWAY TRACTION (HV-3)		0%	32%	0%	0%	
HV--4		Rural	0%				0%
		Urban	0%				0%
	(A)	For supply at 11kV	0%				0%
	(B)	For supply above 11kV and upto 66kV	0%				0%
	(C)	For supply above 66kV and upto 132kV	0%				0%
SUB TOTAL	LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)		0%	0%	0%	0%	
EXTRA STATE		Rural	0%				0%
		Urban	0%				0%
	(A)	EXTRA STATE & OTHERS	0%				0%
SUB TOTAL	EXTRA STATE CONSUMERS		0%	0%	0%	0%	0%
BULK		Rural	0%				0%
		Urban	0%				0%


 अधिशासी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

MEERUT DISCOM			CONSUMER NUMBER - CAGR				
SUPPLY TYPE	CAT	CATEGORY	Last 3 Year	Last 5 Years	Last 7 Years	Last 10 Years	Assumed
	(A)	NPCL	0%				0%
	(B)	KESCO	0%				0%
SUB TOTAL		BULK SUPPLY	0%	0%	0%	0%	0%

c) LMV Consumer Load

Adopted appropriate value of per Consumer Load of Previous Year -3, Previous Year -2, Previous Year -1 and Base Year for LV Consumer sub category are as below:

Table 6-8: Growth in LMV Consumer Load


MEERUT DISCOM			Per Consumer Load In KW				
SUPPLY TYPE	CATEGORY	CATEGORY	Previous - 3	Previous - 2	Previous Year-1	Current Year	Assumed
LMV--1		Rural	-	-	-	-	-
		Urban	-	-	-	-	-
	(A)	Consumer getting supply as per "Rural Schedule"	-	-	-	-	-
	(i)	Un-metered	1.808	1.804	1.854	1.869	1.869
	(ii)	Metered	1.804	1.748	2.094	1.849	2.094
	(B)	Supply at Single Point for Bulk Load	429.804	50.108	569.810	646.093	646.093
	(C1)	Other Metered Domestic Consumers	2.429	2.417	2.419	2.571	2.571
	(C2)	Life Line Consumers/BPL	0.974	0.973	1.011	1.016	1.016
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	2.118	2.104	2.162	2.227	2.227
LMV--2		Rural	-	-	-	-	-
		Urban	-	-	-	-	-
	(A)	Consumer getting supply as per "Rural Schedule"	-	-	-	-	-
	(i)	Un-metered	1.940	1.980	2.314	2.162	2.314
	(ii)	Metered	3.118	3.137	3.456	2.798	3.456
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	2.290	2.337	2.326	3.100	3.100
	(C)	Other Metered Non-Domestic Supply	2.496	2.542	2.569	2.733	2.733
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	2.554	2.590	2.681	2.729	2.729
LMV--3	A	Rural	-	-	-	-	-
		Urban	-	-	-	-	-
	(A)	Un-metered Supply	-	-	-	-	-
	(i)	Gram Panchyat	3.056	2.123	1.220	7.471	7.471
	(ii)	Nagar Palika & Nagar Panchyat	45.200	50.201	59.320	77.800	77.800
	(iii)	Nagar Nigam	208.618	268.971	104.000	12.881	12.881
	(B)	Metered Supply	-	-	-	-	-
	(i)	Gram Panchyat	-	31.188	11.350	11.350	11.350
	(ii)	Nagar Palika & Nagar Panchyat	75.097	71.533	109.629	61.691	61.691

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

MEERUT DISCOM				Per Consumer Load In KW				
SUPPLY TYPE	CATEGORY	CATEGORY		Previous - 3	Previous - 2	Previous Year-1	Current Year	Assumed
		(iii)	Nagar Nigam	63.986	84.947	77.175	83.370	83.370
SUB TOTAL		PUBLIC LAMPS (LMV-3)		53.168	57.456	56.022	35.357	57.456
LMV--4	A	Rural		-	-	-	-	-
		Urban		-	-	-	-	-
	B	Rural		-	-	-	-	-
		Urban		-	-	-	-	-
	(A)	Public Institution(4 A)		6.177	5.399	5.307	5.236	5.314
	(B)	Private Institution(4 B)		8.381	8.335	7.502	12.556	12.556
SUB TOTAL		LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV-4)		6.539	5.861	5.741	6.404	5.741
LMV--5		Rural		-	-	-	-	-
		Urban		-	-	-	-	-
	(A)	Rural Schedule		-	-	-	-	-
		(i)	Un metered Supply	5.417	5.476	5.418	5.513	5.513
		(ii)	Metered Supply	4.807	7.375	5.438	4.531	5.538
	(B)	Urban Schedule		-	-	-	-	-
		(i)	Metered Supply	4.937	7.442	6.569	6.978	7.442
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)		5.411	5.499	5.428	5.512	5.512
LMV--6		Rural		-	-	-	-	-
		Urban		-	-	-	-	-
	(A)	Small & Medium Power (Power Loom)		-	-	-	-	-
		(i)	Rural Schedule	8.953	10.890	8.661	11.694	8.661
		(ii)	Urban Schedule	14.386	12.920	7.346	7.125	7.346
	(B)	Small & Medium Power		-	-	-	-	-
		(i)	Rural Schedule	7.829	8.002	7.690	8.006	8.006
		(ii)	Urban Schedule	13.353	12.743	13.633	13.171	13.633
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)		12.263	11.917	12.200	12.113	12.263
LMV--7		Rural		-	-	-	-	-
		Urban		-	-	-	-	-
	(A)	Rural Schedule		-	-	-	-	-
		(i)	Jal Nigam	22.379	26.826	21.780	24.317	26.826
		(ii)	Jal Sansthan	20.238	20.165	19.103	17.941	20.238
		(iii)	Others (Water Works)	30.874	29.152	28.688	27.746	27.746
	(B)	Urban Schedule		-	-	-	-	-
		(i)	Jal Nigam	58.229	49.867	60.101	103.491	103.491
		(ii)	Jal Sansthan	22.556	27.946	28.198	25.575	28.198
		(iii)	Others (Water Works)	30.354	32.135	33.188	34.353	34.353
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)		30.195	31.689	32.950	34.725	34.725
LMV--8		Rural		-	-	-	-	-
		Urban		-	-	-	-	-
	(A)	Metered Supply		12.959	14.404	13.949	13.812	14.404
	(B)	Un-metered Supply		-	-	-	-	-

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

MEERUT DISCOM			Per Consumer Load In KW				
SUPPLY TYPE	CATEGORY	CATEGORY	Previous - 3	Previous - 2	Previous Year-1	Current Year	Assumed
		(i) STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	13.179	13.461	13.458	13.419	13.461
		(ii) Laghu Dal Nahar above 100 BHP	11.644	7.882	-	12.500	7.882
SUB TOTAL	STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)		13.150	13.413	13.488	13.443	13.488
LMV--9		Rural	-	-	-	-	-
		Urban	-	-	-	-	-
	(A)	Metered Supply	-	-	-	-	-
		(i) Individual Residential Consumers	26.586	29.595	18.794	15.911	18.794
		(ii) Others	-	-	-	-	-
	(B)	Un-metered Supply	-	-	-	-	-
		(i) Ceremonies	7.158	10.091	20.000	8.000	20.000
		(ii) Temporary Shops	-	-	-	-	-
SUB TOTAL	TEMPORARY SUPPLY (LMV-9)		24.810	29.355	18.796	15.904	22.216
LMV--10	(A)	Serving	-	-	-	-	-
		(i) Class IV Employees	3.525	3.428	106.251	4.236	106.251
		(ii) Class III Employees	3.226	3.486	3.760	3.979	3.979
		(iii) Junior Engineers & Equivalent	3.749	4.138	4.003	4.272	4.272
		(iv) Assistant Engineers & Equivalent	4.283	4.285	4.593	4.446	4.593
		(v) Executive Engineers & Equivalent	4.822	4.823	4.970	5.077	5.077
		(vi) Deputy General Manager & Equivalent	4.844	4.742	4.871	4.871	4.871
		(vii) CGM/GM & Equivalent posts and above	4.000	4.000	4.000	2.522	4.000
	(B)	Total Pensioner & Family Pensioner	3.131	3.143	3.136	3.094	3.143
SUB TOTAL	DEPARTMENTAL EMPLOYEES (LMV-10)		3.299	3.361	22.443	3.609	3.609
HV--1		Rural	-	-	-	-	-
		Urban	-	-	-	-	-
	(A)	Urban Schedule	-	-	-	-	-
		(i) For supply at 11kV	374.538	363.838	347.298	498.937	498.937
		(ii) For supply above 11kV and upto & Including 66kV	619.047	2,482.333	1,714.333	3,886.462	2,175.544
		(iii) For supply above 66kV and upto & Including 132kV	1,117.688	-	-	2,640.000	2,640.000
		(iv) For supply above 132kV	575.140	-	27,000.000	-	27,000.000
	(B)	Rural Schedule	-	-	-	-	-
		(i) For supply at 11kV	218.009	225.000	1,523.857	169.526	1,523.857
		(ii) For supply above 11kV and upto & Including 66kV	4,136.769	4,136.769	1,317.721	822.500	1,317.721
SUB TOTAL	NON INDUSTRIAL BULK LOADS (HV-1)		377.465	539.649	542.502	590.257	590.257


 जवितरानी अधिकारी (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

MEERUT DISCOM			Per Consumer Load In KW				
SUPPLY TYPE	CATEGORY	CATEGORY	Previous - 3	Previous - 2	Previous Year-1	Current Year	Assumed
HV--2		Rural	-	-	-	-	-
		Urban	-	-	-	-	-
	(A)	Urban Schedule	-	-	-	-	-
	(i)	For supply at 11kV	282.889	300.734	302.038	291.601	302.038
	(ii)	For supply above 11kV and upto & Including 66kV	2,325.188	1,907.213	2,967.047	1,914.104	2,967.047
	(iii)	For supply above 66kV and upto & Including 132kV	8,415.000	8,415.000	14,610.000	12,982.500	14,610.000
	(iv)	For supply above 132kV	27,084.000	27,084.000	24,376.000	24,376.000	27,084.000
	(B)	Rural Schedule	-	-	-	-	-
	(i)	For supply at 11kV	169.000	122.000	192.600	122.500	192.600
	(ii)	For supply above 11kV and upto & Including 66kV	-	10,500.000	1,050.000	1,050.000	1,050.000
SUB TOTAL	LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)		413.046	419.415	399.136	363.956	419.415
HV--3		Rural	-	-	-	-	-
		Urban	-	-	-	-	-
	(A)	For supply at the above 132kV	4,500.000	3,850.000	7,200.000	7,200.000	7,200.000
	(B)	For supply below 132kV	-	-	5,000.000	1,000.000	5,000.000
	(C)	For Metro Traction	-	9,000.000	9,000.000	9,000.000	9,000.000
SUB TOTAL	RAILWAY TRACTION (HV-3)		4,500.000	5,566.667	7,066.667	5,733.333	7,066.667
HV--4		Rural	-	-	-	-	-
		Urban	-	-	-	-	-
	(A)	For supply at 11kV	155.500	155.500	155.500	155.500	155.500
	(B)	For supply above 11kV and upto 66kV	-	-	-	-	-
(C)	For supply above 66kV and upto 132kV	-	-	-	-	-	
SUB TOTAL	LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)		155.500	155.500	155.500	155.500	155.500
EXTRA STATE		Rural	-	-	-	-	-
		Urban	-	-	-	-	-
	(A)	EXTRA STATE & OTHERS	-	-	-	-	-
SUB TOTAL	EXTRA STATE CONSUMERS		-	-	-	-	-
BULK		Rural	-	-	-	-	-
		Urban	-	-	-	-	-
	(A)	NPCL	45,000.000	45,000.000	45,000.000	-	45,000.000
	(B)	KESCO	-	-	-	-	-
SUB TOTAL	BULK SUPPLY		45,000.000	45,000.000	45,000.000	-	45,000.000
	GRAND TOTAL		3.340	3.367	3.476	3.368	3.476

d) Energy Sales Assumption

Adopted Appropriate value of Per capita Consumption Per Consumer, Per Capita Consumption Per KW of previous Year-3, previous Year-2, Previous Year-1 and Base Year and Un-Metered Sales norms are as below:

Table 6-9: Energy Sales Assumption

MEERUT DISCOM			Per Capita Consumption /Consumer				Per Capita Consumption on Load Basis							
SUPPLY TYPE	CAT	CATEGORY	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Unmetered	Assumed
LMV--1		Rural	-	-	-	-	-	-	-	-	-	-		
		Urban	-	-	-	-	-	-	-	-	-	-		
	(A)	Consumer getting supply as per "Rural Schedule"	-	-	-	-	-	-	-	-	-	-		
	(i)	Un-metered	1,463	1,495	1,454	2,081	2,081	809	829	784	1,114	1,114	1296	1,296
	(ii)	Metered	1,327	1,722	1,248	962	1,722	735	985	596	520	985		985
	(B)	Supply at Single Point for Bulk Load	534,752	72,654	606,229	750,469	750,469	1,244	1,450	1,064	1,162	1,450		1,450
	(C1)	Other Metered Domestic Consumers	2,135	2,178	2,431	2,712	2,712	879	901	1,005	1,055	1,055		2,564
	(C2)	Life Line Consumers/BPL	892	1,134	1,097	948	1,134	916	1,164	1,086	933	1,164		1,164
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	1,815	1,889	1,922	2,295		-	-	-	-			
LMV--2		Rural	-	-	-	-	-	-	-	-	-	-		
		Urban	-	-	-	-	-	-	-	-	-	-		
	(A)	Consumer getting supply as per "Rural Schedule"	-	-	-	-	-	-	-	-	-	-		
	(i)	Un-metered	2,024	1,540	1,606	2,183	2,183	1,043	778	694	1,010	1,043	1296	1,296
	(ii)	Metered	4,104	4,368	3,307	3,431	4,368	1,316	1,393	957	1,226	1,393		1,393
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	374	1,832	2,347	254,450	254,450	163	784	1,009	82,081	82,081		1,009
	(C)	Other Metered Non-Domestic Supply	2,569	2,923	2,968	3,247	3,247	1,029	1,150	1,155	1,188	1,188		1,188
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	2,649	3,010	2,973	3,259		-	-	-	-			
LMV--3	A	Rural	-	-	-	-	-	-	-	-	-	-		

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

पश्चिम बंगाल विद्युत निगम (पब्लिक)
 बिर्सा पार्क, मेरठ

MEERUT DISCOM			Per Capita Consumption /Consumer				Per Capita Consumption on Load Basis						Unmetered	Assumed
SUPPLY TYPE	CAT	CATEGORY	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Unmetered	Assumed
		Urban	-	-	-	-	-	-	-	-	-	-		
	(A)	Un-metered Supply	-	-	-	-	-	-	-	-	-	-		
	(i)	Gram Panchyat	7,142	4,115	4,568	20,655	20,655	2,337	1,938	3,743	2,765	3,743	3600	3,600
	(ii)	Nagar Palika & Nagar Panchyat	144,624	194,444	242,789	202,253	242,789	3,200	3,873	4,093	2,600	4,093	4320	4,320
	(iii)	Nagar Nigam	454,709	885,714	241,150	71,192	885,714	2,180	3,293	2,319	5,527	5,527	4320	4,320
	(B)	Metered Supply	-	-	-	-	-	-	-	-	-	-		
	(i)	Gram Panchyat	-	-	30,300	50,700	50,700	-	-	2,670	4,467	4,467		4,467
	(ii)	Nagar Palika & Nagar Panchyat	292,065	304,348	423,414	234,457	423,414	3,889	4,255	3,862	3,800	4,255		4,255
	(iii)	Nagar Nigam	264,581	283,186	324,255	286,535	324,255	4,135	3,334	4,202	3,437	4,202		4,202
SUB TOTAL		PUBLIC LAMPS (LMV-3)	177,888	201,058	201,435	124,096		-	-	-	-			
LMV--4	A	Rural	-	-	-	-	-	-	-	-	-	-		-
		Urban	-	-	-	-	-	-	-	-	-	-		-
	B	Rural	-	-	-	-	-	-	-	-	-	-		-
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	Public Institution(4 A)	16,735	16,478	15,875	13,306	16,735	2,709	3,052	2,991	2,541	3,052		3,052
	(B)	Private Institution(4 B)	14,224	16,757	12,259	22,317	22,317	1,697	2,010	1,634	1,777	2,010		2,010
SUB TOTAL		LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV-4)	16,323	16,522	15,159	14,744		2,496	2,819	2,640	2,302			
LMV--5		Rural	-	-	-	-	-	-	-	-	-	-		-
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	Rural Schedule	-	-	-	-	-	-	-	-	-	-		-
	(i)	Un metered Supply	5,685	5,940	5,882	8,313	8,313	1,049	1,085	1,086	1,508	1,508	1649.88	1,650
	(ii)	Metered Supply	11,620	5,534	37,205	3,182	37,205	2,417	750	6,841	702	6,841		6,841
	(B)	Urban Schedule	-	-	-	-	-	-	-	-	-	-		-
	(i)	Metered Supply	8,027	9,022	7,375	11,279	11,279	1,626	1,212	1,123	1,616	1,626		1,626
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	5,712	5,964	5,921	8,274		1,056	1,085	1,091	1,501			
LMV--6		Rural	-	-	-	-	-	-	-	-	-	-		-

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

MEERUT DISCOM			Per Capita Consumption / Consumer				Per Capita Consumption on Load Basis							
SUPPLY TYPE	CAT	CATEGORY	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Unmetered	Assumed
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	Small & Medium Power (Power Loom)	-	-	-	-	-	-	-	-	-	-		-
		(i) Rural Schedule	12,624	14,808	13,624	18,783	18,783	1,410	1,360	1,573	1,606	1,606		1,606
		(ii) Urban Schedule	21,764	22,663	19,246	17,119	22,663	1,513	1,754	2,620	2,402	2,620		2,620
	(B)	Small & Medium Power	-	-	-	-	-	-	-	-	-	-		-
		(i) Rural Schedule	8,799	10,636	9,523	12,597	12,597	1,124	1,329	1,238	1,573	1,573		1,573
		(ii) Urban Schedule	19,911	19,043	19,057	17,463	19,911	1,491	1,494	1,398	1,326	1,494		1,494
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	17,767	17,775	17,354	16,817		1,449	1,492	1,422	1,388			
LMV--7		Rural	-	-	-	-	-	-	-	-	-	-		-
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	Rural Schedule	-	-	-	-	-	-	-	-	-	-		-
		(i) Jal Nigam	33,808	63,158	58,686	41,349	63,158	1,511	2,354	2,694	1,700	2,694		2,694
		(ii) Jal Sansthan	41,667	25,316	53,353	96,676	96,676	2,059	1,255	2,793	5,389	5,389		5,389
		(iii) Others (Water Works)	53,764	52,133	55,684	106,955	106,955	1,741	1,788	1,941	3,855	3,855		3,855
	(B)	Urban Schedule	-	-	-	-	-	-	-	-	-	-		-
		(i) Jal Nigam	186,104	161,905	161,870	248,571	248,571	3,196	3,247	2,693	2,402	3,247		3,247
		(ii) Jal Sansthan	51,636	107,527	76,000	66,142	107,527	2,289	3,848	2,695	2,586	3,848		3,848
		(iii) Others (Water Works)	106,144	101,545	110,880	117,984	117,984	3,497	3,160	3,341	3,434	3,497		3,497
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)	94,386	94,779	102,513	112,689		3,126	2,991	3,111	3,245			
LMV--8		Rural	-	-	-	-	-	-	-	-	-	-		-
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	Metered Supply	43,890	74,534	45,463	58,149	74,534	3,387	5,175	3,259	4,210	5,175		4,210
	(B)	Un-metered Supply	-	-	-	-	-	-	-	-	-	-		-
		(i) STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	42,616	43,229	45,437	58,722	58,722	3,234	3,212	3,376	4,376	4,376	64122.36	64,122
		(ii) Laghu Dal Nahar above 100 BHP	31,511	2,353	-	218,250	218,250	2,706	299	-	17,460	17,460	64122.36	64,122

पश्चिमवर्ती विद्युत निगम लि०
विद्युत निगम लि०
विद्युत निगम लि०
विद्युत निगम लि०
विद्युत निगम लि०

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

MEERUT DISCOM			Per Capita Consumption /Consumer				Per Capita Consumption on Load Basis							
SUPPLY TYPE	CAT	CATEGORY	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Unmetered	Assumed
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	42,588	43,704	45,501	58,814		3,239	3,258	3,374	4,375			
LMV--9		Rural	-	-	-	-	-	-	-	-	-	-		-
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	Metered Supply	-	-	-	-	-	-	-	-	-	-		-
		(i) Individual Residential Consumers	17,314	31,746	52,165	31,241	52,165	651	1,073	2,776	1,963	2,776		2,776
		(ii) Others	-	-	-	-	-	-	-	-	-	-		-
	(B)	Un-metered Supply	-	-	-	-	-	-	-	-	-	-		-
		(i) Ceremonies	7,706	-	65,000	151,667	151,667	1,076	-	3,250	18,958	18,958		18,958
		(ii) Temporary Shops	-	-	-	-	-	-	-	-	-	-		-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)	16,436	31,355	52,190	31,346		662	1,068	2,777	1,971			
LMV--10	(A)	Serving	-	-	-	-	-	-	-	-	-	-		-
		(i) Class IV Employees	2,658	3,474	4,936	4,018	4,936	754	1,013	46	949	1,013		4,018
		(ii) Class III Employees	4,588	4,203	4,133	4,219	4,588	1,422	1,206	1,099	1,060	1,422		4,219
		(iii) Junior Engineers & Equivalent	5,706	6,504	6,102	5,784	6,504	1,522	1,572	1,524	1,354	1,572		5,784
		(iv) Assistant Engineers & Equivalent	8,413	10,676	8,661	7,802	10,676	1,964	2,492	1,886	1,755	2,492		7,802
		(v) Executive Engineers & Equivalent	14,645	12,195	8,952	8,716	14,645	3,037	2,528	1,801	1,717	3,037		8,716
		(vi) Deputy General Manager & Equivalent	12,813	-	11,645	11,806	12,813	2,645	-	2,391	2,424	2,645		11,806
		(vii) CGM/GM & Equivalent posts and above	38,100	-	51,500	5,612	51,500	9,525	-	12,875	2,225	12,875		5,612
	(B)	Total Pensioner & Family Pensioner	4,784	5,589	5,347	5,355	5,589	1,528	1,778	1,705	1,731	1,778		5,355
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)	4,434	4,902	5,045	4,886		1,344	1,459	225	1,354			
HV--1		Rural	-	-	-	-	-	-	-	-	-	-		-

परिवर्धन विभाग
विकसितिया फार्क, मेरठ

अधिकारी
निर्देशना (वर्गिच्य)

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

MEERUT DISCOM			Per Capita Consumption /Consumer				Per Capita Consumption on Load Basis							
SUPPLY TYPE	CAT	CATEGORY	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Unmetered	Assumed
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	Urban Schedule	-	-	-	-	-	-	-	-	-	-		-
	(i)	For supply at 11kV	725,218	640,506	594,804	795,721	795,721	1,936	1,760	1,713	1,595	1,936		1,936
	(ii)	For supply above 11kV and upto & Including 66kV	891,130	13,333,333	6,629,333	6,936,231	13,333,333	1,440	5,371	3,867	1,785	5,371		5,371
	(iii)	For supply above 66kV and upto & Including 132kV	1,644,500	-	-	2,697,667	2,697,667	1,471	-	-	1,022	1,471		1,471
	(iv)	For supply above 132kV	-	-	15,453,000	-	15,453,000	-	-	572	-	572		572
	(B)	Rural Schedule	-	-	-	-	-	-	-	-	-	-		-
	(i)	For supply at 11kV	153,630	93,500,000	8,678,857	704,421	93,500,000	705	415,556	5,695	4,155	415,556		4,155
	(ii)	For supply above 11kV and upto & Including 66kV	3,435,692	8,846,154	735,508	2,969,833	8,846,154	831	2,138	558	3,611	3,611		558
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)	475,718	1,694,313	816,630	997,910		1,260	3,140	1,505	1,691			
HV--2		Rural	-	-	-	-	-	-	-	-	-	-		-
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	Urban Schedule	-	-	-	-	-	-	-	-	-	-		-
	(i)	For supply at 11kV	603,107	563,354	649,541	659,254	659,254	2,132	1,873	2,151	2,261	2,261		2,261
	(ii)	For supply above 11kV and upto & Including 66kV	8,415,546	6,115,385	11,036,483	7,714,264	11,036,483	3,619	3,206	3,720	4,030	4,030		4,030
	(iii)	For supply above 66kV and upto & Including 132kV	43,226,500	38,500,000	37,564,000	35,720,250	43,226,500	5,137	4,575	2,571	2,751	5,137		5,137
	(iv)	For supply above 132kV	99,538,000	165,000,000	169,348,000	148,158,000	169,348,000	3,675	6,092	6,947	6,078	6,947		6,947
	(B)	Rural Schedule	-	-	-	-	-	-	-	-	-	-		-
	(i)	For supply at 11kV	15,935,857	6,666,667	507,600	345,500	15,935,857	94,295	54,645	2,636	2,820	94,295		2,820
	(ii)	For supply above 11kV and upto & Including 66kV	-	3,500,000	1,708,500	2,920,500	3,500,000	-	333	1,627	2,781	2,781		2,781
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)	1,142,307	982,762	1,031,202	966,864		2,766	2,343	2,584	2,657			

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

MEERUT DISCOM			Per Capita Consumption /Consumer				Per Capita Consumption on Load Basis							
SUPPLY TYPE	CAT	CATEGORY	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Unmetered	Assumed
HV--3		Rural	-	-	-	-	-	-	-	-	-	-		-
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	For supply at the above 132kV	11,564,500	12,500,000	16,076,000	13,284,000	16,076,000	2,570	3,247	2,233	1,845	3,247		3,247
	(B)	For supply below 132kV	-	-	7,640,000	10,987,000	10,987,000	-	-	1,528	10,987	10,987		10,987
	(C)	For Metro Traction	-	17,000,000	27,510,000	32,431,000	32,431,000	-	1,889	3,057	3,603	3,603		3,603
SUB TOTAL		RAILWAY TRACTION (HV-3)	11,564,500	15,333,333	17,075,333	18,900,667		2,570	2,754	2,416	3,297			
HV--4		Rural	-	-	-	-	-	-	-	-	-	-		-
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	For supply at 11kV	58,000	-	112,000	88,000	112,000	373	-	720	566	720		720
	(B)	For supply above 11kV and upto 66kV	-	-	-	-	-	-	-	-	-	-		-
	(C)	For supply above 66kV and upto 132kV	-	-	-	-	-	-	-	-	-	-		-
SUB TOTAL		LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)	58,000	-	112,000	88,000		373	-	720	566			
EXTRA STATE		Rural	-	-	-	-	-	-	-	-	-	-		-
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	EXTRA STATE & OTHERS	-	-	-	-	-	-	-	-	-	-		-
SUB TOTAL		EXTRA STATE CONSUMERS	-	-	-	-		-	-	-	-			
BULK		Rural	-	-	-	-	-	-	-	-	-	-		-
		Urban	-	-	-	-	-	-	-	-	-	-		-
	(A)	NPCL	316,373,000	337,000,000	350,896,000	-	350,896,000	7,031	7,489	7,798	-	7,798		7,798
	(B)	KESCO	-	-	-	-	-	-	-	-	-	-		-
SUB TOTAL		BULK SUPPLY	316,373,000	337,000,000	350,896,000	-		7,031	7,489	7,798	-	7,798		7,798
		GRAND TOTAL	4,331	4,548	4,499	4,834		1,297	1,351	1,294	1,435			

अधिकांश (वर्धित) परिवर्धित विद्युत वितरण विभाग सि० विद्युतिया पार्क, मेरठ

e) Consumer Sub-category wise Projections

Projections for Nos of Consumer sub-category wise for the two years have been made as given below:

Table 6-10: Sub- category wise projections of Number of consumer

Meerut Discom			No of Consumer		
SUPPLY TYPE	CAT	CATEGORY	2014-15	2015-16	2016-17
LMV--1		Rural			
		Urban			
	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	1,432,788	1,404,132	1,376,050
		(ii) Metered	360,878	570,187	786,858
	(B)	Supply at Single Point for Bulk Load	388	392	396
	(C1)	Other Metered Domestic Consumers	1,549,183	1,704,101	1,874,511
	(C2)	Life Line Consumers/BPL	111,089	114,422	117,854
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	3,454,326	3,793,234	4,155,670
LMV--2		Rural			
		Urban			
	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	5,045	5,449	5,884
		(ii) Metered	24,116	26,528	29,180
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	20	21	22
	(C)	Other Metered Non-Domestic Supply	328,744	351,756	376,379
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	357,925	383,753	411,466
LMV--3	A	Rural			
		Urban			
	(A)	Un-metered Supply			
		(i) Gram Panchyat	469	563	675
		(ii) Nagar Palika & Nagar Panchyat	150	162	175
		(iii) Nagar Nigam	453	498	548
	(B)	Metered Supply			
		(i) Gram Panchyat	20	23	26
		(ii) Nagar Palika & Nagar Panchyat	162	186	214
		(iii) Nagar Nigam	273	295	318
SUB TOTAL		PUBLIC LAMPS (LMV-3)	1,527	1,727	1,958
LMV--4	A	Rural			
		Urban			

SUPPLY TYPE	Meerut Discom		No of Consumer		
	CAT	CATEGORY	2014-15	2015-16	2016-17
	B	Rural			
		Urban			
	(A)	Public Institution(4 A)	12,753	13,263	13,794
	(B)	Private Institution(4 B)	2,421	2,494	2,568
SUB TOTAL	LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV-4)		15,174	15,757	16,362
LMV--5		Rural			
		Urban			
	(A)	Rural Schedule			
		(i) Un metered Supply	378,784	390,148	401,852
		(ii) Metered Supply	4,518	5,422	6,506
	(B)	Urban Schedule			
		(i) Metered Supply	2,804	2,860	2,917
SUB TOTAL	PRIVATE TUBE WELL/PUMPING SETS (LMV-5)		386,106	398,429	411,275
LMV--6		Rural			
		Urban			
	(A)	Small & Medium Power (Power Loom)			
		(i) Rural Schedule	471	495	519
		(ii) Urban Schedule	3,483	3,657	3,840
	(B)	Small & Medium Power			
		(i) Rural Schedule	7,415	7,563	7,715
		(ii) Urban Schedule	45,413	49,500	53,955
SUB TOTAL	SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)		56,782	61,215	66,029
LMV--7		Rural			
		Urban			
	(A)	Rural Schedule			
		(i) Jal Nigam	252	277	305
		(ii) Jal Sansthan	34	39	45
		(iii) Others (Water Works)	401	461	530
	(B)	Urban Schedule			
		(i) Jal Nigam	112	134	161
		(ii) Jal Sansthan	106	122	140
		(iii) Others (Water Works)	1,990	2,189	2,408
SUB TOTAL	PUBLIC WATER WORKS(LMV-7)		2,895	3,223	3,590
LMV--8		Rural			
		Urban			
	(A)	Metered Supply	308	339	373
	(B)	Un-metered Supply			
		(i) STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	4,751	4,874	4,999
		(ii) Laghu Dal Nahar above 100	4	4	4

Meerut Discom			No of Consumer		
SUPPLY TYPE	CAT	CATEGORY	2014-15	2015-16	2016-17
		BHP			
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	5,063	5,216	5,376
LMV--9		Rural			
		Urban			
	(A)	Metered Supply			
	(i)	Individual Residential Consumers	3,429	3,600	3,780
	(ii)	Others	-	-	-
	(B)	Un-metered Supply			
	(i)	Ceremonies	3	3	3
	(ii)	Temporary Shops	-	-	-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)	3,432	3,604	3,784
LMV--10	(A)	Serving			
	(i)	Class IV Employees	3,811	3,887	3,965
	(ii)	Class III Employees	6,283	6,786	7,328
	(iii)	Junior Engineers & Equivalent	661	687	715
	(iv)	Assistant Engineers & Equivalent	298	301	304
	(v)	Executive Engineers & Equivalent	169	171	172
	(vi)	Deputy General Manager & Equivalent	31	32	32
	(vii)	CGM/GM & Equivalent posts and above	67	70	74
	(B)	Total Pensioner & Family Pensioner	10,934	11,304	11,687
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)	22,254	23,238	24,278
HV--1		Rural			
		Urban			
	(A)	Urban Schedule			
	(i)	For supply at 11kV	846	1,100	1,430
	(ii)	For supply above 11kV and upto & Including 66kV	26	31	37
	(iii)	For supply above 66kV and upto & Including 132kV	3	3	3
	(iv)	For supply above 132kV	-	-	-
	(B)	Rural Schedule			
	(i)	For supply at 11kV	38	46	55
	(ii)	For supply above 11kV and upto & Including 66kV	6	6	7
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)	919	1,186	1,532
HV--2		Rural			

Meerut Discom			No of Consumer		
SUPPLY TYPE	CAT	CATEGORY	2014-15	2015-16	2016-17
		Urban			
	(A)	Urban Schedule			
	(i)	For supply at 11kV	5,348	5,776	6,238
	(ii)	For supply above 11kV and upto & Including 66kV	201	211	222
	(iii)	For supply above 66kV and upto & Including 132kV	4	5	7
	(iv)	For supply above 132kV	1	1	1
	(B)	Rural Schedule			
	(i)	For supply at 11kV	2	2	2
	(ii)	For supply above 11kV and upto & Including 66kV	2	2	2
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)	5,558	5,997	6,472
HV--3		Rural			
		Urban			
	(A)	For supply at the above 132kV	1	1	1
	(B)	For supply below 132kV	1	1	1
	(C)	For Metro Traction	1		
SUB TOTAL		RAILWAY TRACTION (HV-3)	3	2	2
HV--4		Rural			
		Urban			
	(A)	For supply at 11kV	2	2	2
	(B)	For supply above 11kV and upto 66kV	-	-	-
	(C)	For supply above 66kV and upto 132kV	-	-	-
SUB TOTAL		LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)	2	2	2
EXTRA STATE		Rural			
		Urban			
	(A)	EXTRA STATE & OTHERS	-	-	-
SUB TOTAL		EXTRA STATE CONSUMERS	-	-	-
BULK		Rural			
		Urban			
	(A)	NPCL	-	-	-
	(B)	KESCO	-	-	-
SUB TOTAL		BULK SUPPLY	-	-	-
		GRAND TOTAL	4,311,966	4,696,584	5,107,793

f) Connected Load Sub-category wise Projections

Projections for Connected Load sub-category wise for the two years have been made as given below:

Table 6-11: Sub category wise projections of connected load

Meerut Discom			Projected Connected Load in KW		
SUPPLY TYPE	CAT	CATEGORY	2014-15	2015-16	2016-17
LMV--1		Rural			
		Urban			
	(A)	Consumer getting supply as per "Rural Schedule"			
	(i)	Un-metered	2,677,908	2,624,350	2,571,863
	(ii)	Metered	667,302	1,194,018	1,647,745
	(B)	Supply at Single Point for Bulk Load	250,684	253,191	255,723
	(C1)	Other Metered Domestic Consumers	3,982,909	4,381,200	4,819,320
	(C2)	Life Line Consumers/BPL	112,871	116,257	119,745
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	7,691,674	8,569,016	9,414,396
LMV--2		Rural			
		Urban			
	(A)	Consumer getting supply as per "Rural Schedule"			
	(i)	Un-metered	10,906	12,610	13,619
	(ii)	Metered	67,466	91,670	100,837
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	62	65	68
	(C)	Other Metered Non-Domestic Supply	898,388	961,275	1,028,564
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	976,822	1,065,620	1,143,088
LMV--3	A	Rural			
		Urban			
	(A)	Un-metered Supply			
	(i)	Gram Panchyat	3,504	4,205	5,046
	(ii)	Nagar Palika & Nagar Panchyat	11,670	12,604	13,612
	(iii)	Nagar Nigam	5,835	6,419	7,060
	(B)	Metered Supply			
	(i)	Gram Panchyat	227	261	300
	(ii)	Nagar Palika & Nagar Panchyat	9,994	11,493	13,217
	(iii)	Nagar Nigam	22,760	24,581	26,547
SUB TOTAL		PUBLIC LAMPS (LMV-3)	53,990	59,562	65,783
LMV--4	A	Rural			
		Urban			
	B	Rural			
		Urban			
	(A)	Public Institution(4 A)	66,776	70,481	73,300
	(B)	Private Institution(4 B)	30,399	31,311	32,250

अधिसारी कार्यालय (वाणिज्य)
 पश्चिमोत्तर बिजुत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Meerut Discom				Projected Connected Load in KW		
SUPPLY TYPE	CAT	CATEGORY		2014-15	2015-16	2016-17
SUB TOTAL		LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV-4)		97,175	101,792	105,550
LMV-5		Rural				
		Urban				
	(A)	Rural Schedule				
		(i)	Un metered Supply	2,088,279	2,150,927	2,215,455
		(ii)	Metered Supply	20,470	30,024	36,028
	(B)	Urban Schedule				
		(i)	Metered Supply	19,566	21,285	21,711
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)		2,128,315	2,202,236	2,273,194
LMV-6		Rural				
		Urban				
	(A)	Small & Medium Power (Power Loom)				
		(i)	Rural Schedule	5,508	4,284	4,498
		(ii)	Urban Schedule	24,818	26,866	28,210
	(B)	Small & Medium Power				
		(i)	Rural Schedule	59,366	60,553	61,764
		(ii)	Urban Schedule	598,133	674,815	735,549
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)		687,825	766,519	830,021
LMV-7		Rural				
		Urban				
	(A)	Rural Schedule				
		(i)	Jal Nigam	6,128	7,436	8,180
		(ii)	Jal Sansthan	610	791	910
		(iii)	Others (Water Works)	11,126	12,795	14,714
	(B)	Urban Schedule				
		(i)	Jal Nigam	11,591	13,909	16,691
		(ii)	Jal Sansthan	2,711	3,437	3,953
		(iii)	Others (Water Works)	68,362	75,198	82,718
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)		100,528	113,567	127,166
LMV-8		Rural				
		Urban				
	(A)	Metered Supply		4,254	4,880	5,368
	(B)	Un-metered Supply				
		(i)	STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	63,756	65,601	67,294
		(ii)	Laghu Dal Nahar above 100 BHP	50	32	32
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)		68,060	70,513	72,693
LMV-9		Rural				
		Urban				
	(A)	Metered Supply				
		(i)	Individual Residential	54,560	67,666	71,049

Meerut Discom			Projected Connected Load in KW		
SUPPLY TYPE	CAT	CATEGORY	2014-15	2015-16	2016-17
		Consumers			
	(ii)	Others	-	-	-
	(B)	Un-metered Supply			
	(i)	Ceremonies	24	61	62
	(ii)	Temporary Shops	-	-	-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)	54,584	67,727	71,112
LMV--10	(A)	Serving			
	(i)	Class IV Employees	16,144	413,019	421,280
	(ii)	Class III Employees	25,003	27,003	29,163
	(iii)	Junior Engineers & Equivalent	2,824	2,937	3,054
	(iv)	Assistant Engineers & Equivalent	1,325	1,382	1,396
	(v)	Executive Engineers & Equivalent	858	867	875
	(vi)	Deputy General Manager & Equivalent	151	154	157
	(vii)	CGM/GM & Equivalent posts and above	169	281	295
	(B)	Total Pensioner & Family Pensioner	33,835	35,532	36,734
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)	80,309	481,175	492,956
HV--1		Rural			
		Urban			
	(A)	Urban Schedule			
	(i)	For supply at 11kV	422,101	548,731	713,351
	(ii)	For supply above 11kV and upto & Including 66kV	101,048	121,258	145,509
	(iii)	For supply above 66kV and upto & Including 132kV	7,920	7,999	8,079
	(iv)	For supply above 132kV	-	-	-
	(B)	Rural Schedule			
	(i)	For supply at 11kV	6,442	7,730	9,276
	(ii)	For supply above 11kV and upto & Including 66kV	4,935	5,182	5,441
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)	542,446	690,900	881,656
HV--2		Rural			
		Urban			
	(A)	Urban Schedule			
	(i)	For supply at 11kV	1,559,482	1,684,241	1,818,980
	(ii)	For supply above 11kV and upto & Including 66kV	384,735	403,972	424,170
	(iii)	For supply above 66kV and upto & Including 132kV	51,930	67,509	87,762
	(iv)	For supply above 132kV	24,376	25,595	26,875
	(B)	Rural Schedule			

Meerut Discom			Projected Connected Load in KW		
SUPPLY TYPE	CAT	CATEGORY	2014-15	2015-16	2016-17
	(i)	For supply at 11kV	245	257	270
	(ii)	For supply above 11kV and upto & Including 66kV	2,100	2,100	2,100
SUB TOTAL	LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)		2,022,868	2,183,673	2,360,156
HV--3		Rural			
		Urban			
	(A)	For supply at the above 132kV	7,200	7,560	7,938
	(B)	For supply below 132kV	1,000	1,000	1,000
	(C)	For Metro Traction	9,000	9,000	9,000
SUB TOTAL	RAILWAY TRACTION (HV-3)		17,200	17,560	17,938
HV--4		Rural			
		Urban			
	(A)	For supply at 11kV	311	311	311
	(B)	For supply above 11kV and upto 66kV	-	-	-
	(C)	For supply above 66kV and upto 132kV	-	-	-
SUB TOTAL	LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)		311	311	311
EXTRA STATE		Rural			
		Urban			
	(A)	EXTRA STATE & OTHERS	-	-	-
SUB TOTAL	EXTRA STATE CONSUMERS		-	-	-
BULK		Rural			
		Urban			
	(A)	NPCL	-	-	-
	(B)	KESCO	-	-	-
SUB TOTAL	BULK SUPPLY		-	-	-
	GRAND TOTAL		14,522,107	16,390,171	17,856,020

g) Sales Sub-category wise Projections

Projections for Sales sub-category wise for the two years have been made as given below:

Table 6-12: Sub category wise projections of energy sales

Meerut Discom			Projected Sales			Projected (Impact of Running Hours on Sales)			Projected (Impact of Demand Side Management on Sales)		
SUPPLY TYPE	CAT	CATEGORY	Base Year	Year 1	Year 2	Base Year	Year 1	Year 2	Base Year	Year 1	Year 2
LMV--1		Rural									
		Urban									
	(A)	Consumer getting supply as per "Rural Schedule"									
		(i) Un-metered	2,982	3,401	3,333	2,982	3,401	3,333	2,982	3,401	3,333
		(ii) Metered	347	562	775	347	547	965	347	547	965
	(B)	Supply at Single Point for Bulk Load	291	1	1	291	1	1	291	1	1
	(C1)	Other Metered Domestic Consumers	4,202	4,369	4,806	4,202	4,391	5,801	4,202	4,391	5,801
	(C2)	Life Line Consumers/BPL	105	133	137	105	131	168	105	131	168
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	7,928	8,466	9,052	7,928	8,470	10,267	7,928	8,470	10,267
LMV--2		Rural									
		Urban									
	(A)	Consumer getting supply as per "Rural Schedule"									
		(i) Un-metered	11	16	18	11	16	18	11	16	18
		(ii) Metered	83	128	140	83	124	175	83	124	175
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	5	0	0	5	0	0	5	0	0
	(C)	Other Metered Non-Domestic Supply	1,067	1,142	1,222	1,067	1,143	1,486	1,067	1,143	1,486
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	1,166	1,286	1,380	1,166	1,284	1,679	1,166	1,284	1,679
LMV--3	A	Rural									
		Urban									
	(A)	Un-metered Supply									
		(i) Gram Panchyat	10	15	18	10	15	18	10	15	18
		(ii) Nagar Palika & Nagar Panchyat	30	54	59	30	54	59	30	54	59
		(iii) Nagar Nigam	32	28	31	32	28	31	32	28	31
	(B)	Metered Supply									
		(i) Gram Panchyat	1	1	1	1	1	2	1	1	2

Meerut Discom			Projected Sales			Projected (Impact of Running Hours on Sales)			Projected (Impact of Demand Side Management on Sales)		
SUPPLY TYPE	CAT	CATEGORY	Base Year	Year 1	Year 2	Base Year	Year 1	Year 2	Base Year	Year 1	Year 2
		(ii) Nagar Palika & Nagar Panchyat	38	49	56	38	48	70	38	48	70
		(iii) Nagar Nigam	78	103	112	78	105	135	78	105	135
SUB TOTAL		PUBLIC LAMPS (LMV-3)	189	251	277	189	251	313	189	251	313
LMV--4	A	Rural									
		Urban									
	B	Rural									
		Urban									
	(A)	Public Institution(4 A)	170	215	224	170	212	274	170	212	274
	(B)	Private Institution(4 B)	54	63	65	54	63	78	54	63	78
SUB TOTAL		LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV-4)	224	278	289	224	275	352	224	275	352
LMV--5		Rural									
		Urban									
	(A)	Rural Schedule									
		(i) Un metered Supply	3,149	3,549	3,655	3,149	3,549	3,655	3,149	3,549	3,655
		(ii) Metered Supply	14	205	246	14	205	246	14	205	246
	(B)	Urban Schedule									
		(i) Metered Supply	32	35	35	32	35	35	32	35	35
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	3,195	3,789	3,937	3,195	3,789	3,937	3,195	3,789	3,937
LMV--6		Rural									
		Urban									
	(A)	Small & Medium Power (Power Loom)									
		(i) Rural Schedule	9	7	7	9	7	9	9	7	9
		(ii) Urban Schedule	60	70	74	60	70	91	60	70	91
	(B)	Small & Medium Power									
		(i) Rural Schedule	93	95	97	93	93	121	93	93	121
		(ii) Urban Schedule	793	1,008	1,099	793	1,008	1,341	793	1,008	1,341
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	955	1,181	1,277	955	1,178	1,562	955	1,178	1,562
LMV--7		Rural									
		Urban									
	(A)	Rural Schedule									

अधिकाारी अधिकाारी (अधिकारी)
 अधिकाारी अधिकाारी अधिकाारी अधिकाारी
 अधिकाारी अधिकाारी अधिकाारी अधिकाारी

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

Meerut Discom			Projected Sales			Projected (Impact of Running Hours on Sales)			Projected (Impact of Demand Side Management on Sales)		
SUPPLY TYPE	CAT	CATEGORY	Base Year	Year 1	Year 2	Base Year	Year 1	Year 2	Base Year	Year 1	Year 2
		(i) Jal Nigam	10	20	22	10	20	22	10	20	22
		(ii) Jal Sansthan	3	4	5	3	4	5	3	4	5
		(iii) Others (Water Works)	43	49	57	43	49	57	43	49	57
	(B)	Urban Schedule									
		(i) Jal Nigam	28	45	54	28	45	54	28	45	54
		(ii) Jal Sansthan	7	13	15	7	13	15	7	13	15
		(iii) Others (Water Works)	235	263	289	235	263	289	235	263	289
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)	326	395	442	326	395	442	326	395	442
LMV--8		Rural									
		Urban									
	(A)	Metered Supply	18	21	23	18	21	23	18	21	23
	(B)	Un-metered Supply									
		(i) STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	279	313	321	279	313	321	279	313	321
		(ii) Laghu Dal Nahar above 100 BHP	1	0	0	0.87	0.26	0.26	1	0	0
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	298	333	343	298	333	343	298	333	343
LMV--9		Rural									
		Urban									
	(A)	Metered Supply									
		(i) Individual Residential Consumers	107	188	197	107	190	240	107	190	240
		(ii) Others	-	-	-	-	-	-	-	-	-
	(B)	Un-metered Supply									
		(i) Ceremonies	0	1	1	0	1	1	0	1	1
		(ii) Temporary Shops	-	-	-	-	-	-	-	-	-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)	108	189	198	108	191	242	108	191	242
LMV--10	(A)	Serving									
		(i) Class IV Employees	15	16	16	15	15	20	15	15	20
		(ii) Class III Employees	27	29	31	27	29	37	27	29	37
		(iii) Junior Engineers & Equivalent	4	4	4	4	4	5	4	4	5
		(iv) Assistant Engineers & Equivalent	2	2	2	2	2	3	2	2	3
		(v) Executive Engineers & Equivalent	1	1	2	1	1	2	1	1	2

अधिकांश अधिकारी (अधीनस्थ)
 अधिकांश नियुक्ति विभाग विभागीय
 अधिकारी वर्ग, गैर

Meerut Discom			Projected Sales			Projected (Impact of Running Hours on Sales)			Projected (Impact of Demand Side Management on Sales)		
SUPPLY TYPE	CAT	CATEGORY	Base Year	Year 1	Year 2	Base Year	Year 1	Year 2	Base Year	Year 1	Year 2
		(vi) Deputy General Manager & Equivalent	0	0	0	0	0	0	0	0	0
		(vii) CGM/GM & Equivalent posts and above	0	0	0	0	0	1	0	0	1
	(B)	Total Pensioner & Family Pensioner	59	61	63	59	60	77	59	60	77
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)	109	113	118	109	113	144	109	113	144
HV--1		Rural									
		Urban									
	(A)	Urban Schedule									
	(i)	For supply at 11kV	673	1,063	1,381	673	1,063	1,381	673	1,063	1,381
	(ii)	For supply above 11kV and upto & Including 66kV	180	651	732	180	651	782	180	651	782
	(iii)	For supply above 66kV and upto & Including 132kV	8	12	12	8	12	12	8	12	12
	(iv)	For supply above 132kV	11	-	-	11	-	-	11	-	-
	(B)	Rural Schedule									
	(i)	For supply at 11kV	27	32	39	27	32	39	27	32	39
	(ii)	For supply above 11kV and upto & Including 66kV	18	3	3	18	3	3	18	3	3
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)	917	1,761	2,216	917	1,761	2,216	917	1,761	2,216
HV--2		Rural									
		Urban									
	(A)	Urban Schedule									
	(i)	For supply at 11kV	3,526	3,808	4,112	3,526	3,808	4,112	3,526	3,808	4,112
	(ii)	For supply above 11kV and upto & Including 66kV	1,551	1,628	1,710	1,551	1,628	1,710	1,551	1,628	1,710
	(iii)	For supply above 66kV and upto & Including 132kV	143	347	451	143	347	451	143	347	451
	(iv)	For supply above 132kV	148	178	187	148	178	187	148	178	187
	(B)	Rural Schedule									
	(i)	For supply at 11kV	1	1		1	1	1	1	1	1
	(ii)	For supply above 11kV and upto & Including 66kV	6	6	6	6	6	6	6	6	6
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)	5,374	5,967	6,466	5,374	5,967	6,466	5,374	5,967	6,466

अधिकांश अधिकारी (एग्रीमेंट)
 अधिकांश बिजुल निगम निगम निगम
 निर्धारित नर्स, नर्स

46

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

Meerut Discom			Projected Sales			Projected (Impact of Running Hours on Sales)			Projected (Impact of Demand Side Management on Sales)		
SUPPLY TYPE	CAT	CATEGORY	Base Year	Year 1	Year 2	Base Year	Year 1	Year 2	Base Year	Year 1	Year 2
HV--3		Rural									
		Urban									
	(A)	For supply at the above 132kV	13	25	26	13	25	26	13	25	26
	(B)	For supply below 132kV	11	11	11	11	11	11	11	11	11
	(C)	For Metro Traction	32	32	32	32	32	32	32	32	32
SUB TOTAL		RAILWAY TRACTION (HV-3)	57	68	69	57	68	69	57	68	69
HV--4		Rural									
		Urban									
	(A)	For supply at 11kV	0.18	0.22	0.22	0.18	0.22	0.22	0.18	0.22	0.22
	(B)	For supply above 11kV and upto 66kV	-	-	-	-	-	-	-	-	-
	(C)	For supply above 66kV and upto 132kV	-	-	-	-	-	-	-	-	-
SUB TOTAL		LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)	0	0	0	0	0	0	0	0	0
EXTRA STATE		Rural									
		Urban									
	(A)	EXTRA STATE & OTHERS	-	-	-	-	-	-	-	-	-
SUB TOTAL		EXTRA STATE CONSUMERS	-	-	-	-	-	-	-	-	-
BULK		Rural									
		Urban									
	(A)	NPCL	-	-	-	-	-	-	-	-	-
	(B)	KESCO	-	-	-	-	-	-	-	-	-
SUB TOTAL		BULK SUPPLY	-	-	-	-	-	-	-	-	-
		GRAND TOTAL	20,845	24,077	26,066	20,845	24,074	28,033	20,845	24,074	28,033

अविभागीय अधिष्ठाता (वित्तिय) महाराष्ट्र विद्युत निगम लिमिटेड, मुंबई

(Handwritten signature)

6.3 ACTUAL BILLING DETERMINANTS FOR FY 2014-15

The detailed category-wise data for previous year 2014-15 is placed in the table below:

Table 6-13: Actual Billing Determinant for FY 2014-15

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2014-15		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
LMV--1	(A)	Consumer getting supply as per "Rural Schedule"				
		(i)	Un-metered	1,432,788	2,677,908	2,982
		(ii)	Metered	360,878	667,302	347
	(B)	Supply at Single Point for Bulk Load		388	250,684	291
	(C1)	Other Metered Domestic Consumers		1,549,183	3,982,909	4,202
	(C2)	Life Line Consumers/BPL		111,089	112,871	105
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV- 1)		3,454,326	7,691,674	7,928
LMV--2	(A)	Consumer getting supply as per "Rural Schedule"				
		(i)	Un-metered	5,045	10,906	11
		(ii)	Metered	24,116	67,466	83
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex		20	62	5
	(C)	Other Metered Non-Domestic Supply		328,744	898,388	1,067
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)		357,925	976,822	1,166
LMV--3	(A)	Un-metered Supply				
		(i)	Gram Panchyat	469	3,504	10
		(ii)	Nagar Palika & Nagar Panchyat	150	11,670	30
		(iii)	Nagar Nigam	453	5,835	32
	(B)	Metered Supply				
		(i)	Gram Panchyat	20	227	1
		(ii)	Nagar Palika & Nagar Panchyat	162	9,994	38
		(iii)	Nagar Nigam	273	22,760	78
SUB TOTAL		PUBLIC LAMPS (LMV-3)		1,527	53,990	189
LMV--4	(A)	Public Institution(4 A)		12,753	66,776	170
		Private Institution(4 B)		2,421	30,399	54
SUB TOTAL		LIGHT, FAN & POWER FOR PUB./PRIV. INST.(LMV-4)		15,174	97,175	224
LMV--5	(A)	Rural Schedule				
		(i)	Un metered Supply	378,784	2,088,279	3,149
		(ii)	Metered Supply	4,518	20,470	14
	(B)	Urban Schedule				
		(i)	Metered Supply	2,804	19,566	32

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2014-15		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
SUB TOTAL	PRIVATE TUBE WELL/PUMPING SETS (LMV-5)			386,106	2,128,315	3,195
LMV--6	(A)	Small & Medium Power (Power Loom)				
		(i)	Rural Schedule	471	5,508	9
		(ii)	Urban Schedule	3,483	24,818	60
	(B)	Small & Medium Power				
		(i)	Rural Schedule	7,415	59,366	93
		(ii)	Urban Schedule	45,413	598,133	793
SUB TOTAL	SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)			56,782	687,825	955
LMV--7	(A)	Rural Schedule				
		(i)	Jal Nigam	252	6,128	10
		(ii)	Jal Sansthan	34	610	3
		(iii)	Others (Water Works)	401	11,126	43
	(B)	Urban Schedule				
		(i)	Jal Nigam	112	11,591	28
		(ii)	Jal Sansthan	106	2,711	7
		(iii)	Others (Water Works)	1,990	68,362	235
SUB TOTAL	PUBLIC WATER WORKS(LMV-7)			2,895	100,528	326
LMV--8	(A)	Metered Supply		308	4,254	18
	(B)	Un-metered Supply				
		(i)	STW,Panchayat Raj WB I.Duch P.C, L I upto 100 BHP	4,751	63,756	279
		(ii)	Laghu Dal Nahar above 100 BHP	4	50	1
SUB TOTAL	STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)			5,063	68,060	298
LMV--9	(A)	Metered Supply				
		(i)	Individual Residential Consumers	3,429	54,560	107
		(ii)	Others	-	-	-
	(B)	Un-metered Supply				
		(i)	Ceremonies	3	24	0
		(ii)	Temporary Shops	-	-	-
SUB TOTAL	TEMPORARY SUPPLY (LMV-9)			3,432	54,584	108
LMV--10	(A)	Serving				
		(i)	Class IV Employees	3,811	16,144	15
		(ii)	Class III Employees	6,283	25,003	27
		(iii)	Junior Engineers & Equivalent	661	2,824	4
		(iv)	Assistant Engineers & Equivalent	298	1,325	2
		(v)	Executive Engineers & Equivalent	169	858	1

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2014-15		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
		(vi)	Deputy General Manager & Equivalent	31	151	0
		(vii)	CGM/GM & Equivalent posts and above	67	169	0
	(B)		Total Pensioner & Family Pensioner	10,934	33,835	59
SUB TOTAL			DEPARTMENTAL EMPLOYEES (LMV-10)	22,254	80,309	109
HV--1	(A)		Urban Schedule			
		(i)	For supply at 11kV	846	422,101	673
		(ii)	For supply at 33 kV & above	29	108,968	199
	(B)		Rural Schedule			
		(i)	For supply at 11kV	38	6,442	27
		(ii)	For supply at 33 kV & above	6	4,935	18
SUB TOTAL			NON INDUSTRIAL BULK LOADS (HV-1)	919	542,446	917
HV--2	(A)		Urban Schedule			
		(i)	For supply at 11kV	5,348	1,559,482	3,526
		(ii)	For supply above 11kV and upto & Including 66kV	201	384,735	1,551
		(iii)	For supply above 66kV and upto & Including 132kV	4	51,930	143
		(iv)	For supply above 132kV	1	24,376	148
	(B)		Rural Schedule			
		(i)	For supply at 11kV	2	245	1
		(ii)	For supply above 11kV and upto & Including 66kV	2	2,100	6
SUB TOTAL			LARGE & HEAVY POWER ABOVE 100 BHP (75 kW). (HV-2)	5,558	2,022,868	5,374
HV--3	(A)		For supply at and above 132kV	1	7,200	13
	(B)		For supply below 132kV	1	1,000	11
	(C)		For Delhi Metro Rail	1	9,000	32
SUB TOTAL			RAILWAY TRACTION (HV-3)	3	17,200	57
HV--4	(A)		For supply at 11kV	2	311	0
	(B)		For supply above 11kV and upto 66kV	-	-	-
	(C)		For supply above 66kV and upto 132kV	-	-	-
SUB TOTAL			LIFT IRRIGATION & P C ABOVE 100 BHP (75kW) (HV-4)	2	311	0
EXTRA STATE	(A)		EXTRA STATE & OTHERS	-	-	-

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2014-15	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
SUB TOTAL	EXTRA STATE CONSUMERS		-	-	-
BULK	(A)	Torrent (Depicted as Retail Sales)	-	-	-
	(B)	KESCO			
SUB TOTAL	BULK SUPPLY		-	-	-
GRAND TOTAL			4,311,966	14,522,107	20,845

6.4 BILLING DETERMINANTS FOR FY 2015-16

The estimated category-wise billing determinants for the FY 2015-16 is placed in the table below:

Table 6-14: Estimated Billing Determinant for FY 2015-16

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2015-16	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
LMV--1	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	1,404,132	2,624,350	3,401
		(ii) Metered	570,187	1,194,018	547
	(B)	Supply at Single Point for Bulk Load	392	253,191	1
	(C1)	Other Metered Domestic Consumers	1,704,101	4,381,200	4,391
	(C2)	Life Line Consumers/BPL	114,422	116,257	131
SUB TOTAL	DOMESTIC LIGHT FAN & POWER (LMV-1)		3,793,234	8,569,016	8,470
LMV--2	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	5,449	12,610	16
		(ii) Metered	26,528	91,670	124
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	21	65	0
	(C)	Other Metered Non-Domestic Supply	351,756	961,275	1,143
SUB TOTAL	NON DOMESTIC LIGHT FAN & POWER (LMV-2)		383,753	1,065,620	1,284
LMV--3	(A)	Un-metered Supply			
		(i) Gram Panchyat	563	4,205	15
		(ii) Nagar Palika & Nagar Panchyat	162	12,604	54
		(iii) Nagar Nigam	498	6,419	28
	(B)	Metered Supply			
		(i) Gram Panchyat	23	261	1
		(ii) Nagar Palika & Nagar	186	11,493	48

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2015-16		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
			Panchyat			
		(iii)	Nagar Nigam	295	24,581	105
SUB TOTAL			PUBLIC LAMPS (LMV-3)	1,727	59,562	251
LMV--4	(A)		Public Institution(4 A)	13,263	70,481	212
	(B)		Private Institution(4 B)	2,494	31,311	63
SUB TOTAL			LIGHT, FAN & POWER FOR PUB./PRIV. INST.(LMV-4)	15,757	101,792	275
LMV--5	(A)		Rural Schedule			
		(i)	Un metered Supply	390,148	2,150,927	3,549
		(ii)	Metered Supply	5,422	30,024	205
	(B)		Urban Schedule			
		(i)	Metered Supply	2,860	21,285	35
SUB TOTAL			PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	398,429	2,202,236	3,789
LMV--6	(A)		Small & Medium Power (Power Loom)			
		(i)	Rural Schedule	495	4,284	7
		(ii)	Urban Schedule	3,657	26,866	70
	(B)		Small & Medium Power			
		(i)	Rural Schedule	7,563	60,553	93
		(ii)	Urban Schedule	49,500	674,815	1,008
SUB TOTAL			SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	61,215	766,519	1,178
LMV--7	(A)		Rural Schedule			
		(i)	Jal Nigam	277	7,436	20
		(ii)	Jal Sansthan	39	791	4
		(iii)	Others (Water Works)	461	12,795	49
	(B)		Urban Schedule			
		(i)	Jal Nigam	134	13,909	45
		(ii)	Jal Sansthan	122	3,437	13
		(iii)	Others (Water Works)	2,189	75,198	263
SUB TOTAL			PUBLIC WATER WORKS(LMV-7)	3,223	113,567	395
LMV--8	(A)		Metered Supply	339	4,880	21
	(B)		Un-metered Supply			
		(i)	STW,Panchayat Raj WB I.Duch P.C, L I upto 100 BHP	4,874	65,601	313
		(ii)	Laghu Dal Nahar above 100 BHP	4	32	0
SUB TOTAL			STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	5,216	70,513	333
LMV--9	(A)		Metered Supply			
		(i)	Individual Residential Consumers	3,600	67,666	190
		(ii)	Others	-	-	-

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2015-16	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
	(B)	Un-metered Supply			
	(i)	Ceremonies	3	61	1
	(ii)	Temporary Shops	-	-	-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)	3,604	67,727	191
LMV--10	(A)	Serving			
	(i)	Class IV Employees	3,887	413,019	15
	(ii)	Class III Employees	6,786	27,003	29
	(iii)	Junior Engineers & Equivalent	687	2,937	4
	(iv)	Assistant Engineers & Equivalent	301	1,382	2
	(v)	Executive Engineers & Equivalent	171	867	1
	(vi)	Deputy General Manager & Equivalent	32	154	0
	(vii)	CGM/GM & Equivalent posts and above	70	281	0
	(B)	Total Pensioner & Family Pensioner	11,304	35,532	60
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)	23,238	481,175	113
HV--1	(A)	Urban Schedule			
	(i)	For supply at 11kV	1,100	548,731	1,063
	(ii)	For supply at 33 kV & above	34	129,257	663
	(B)	Rural Schedule			
	(i)	For supply at 11kV	46	7,730	32
	(ii)	For supply at 33 kV & above	6	5,182	3
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)	1,186	690,900	1,761
HV--2	(A)	Urban Schedule			
	(i)	For supply at 11kV	5,776	1,684,241	3,808
	(ii)	For supply above 11kV and upto & Including 66kV	211	403,972	1,628
	(iii)	For supply above 66kV and upto & Including 132kV	5	67,509	347
	(iv)	For supply above 132kV	1	25,595	178
	(B)	Rural Schedule			
	(i)	For supply at 11kV	2	257	1
	(ii)	For supply above 11kV and upto & Including 66kV	2	2,100	6
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)	5,997	2,183,673	5,967
HV--3	(A)	For supply at and above 132kV	1	7,560	25
	(B)	For supply below 132kV	1	1,000	11

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2015-16	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
	(C)	For Delhi Metro Rail	-	9,000	32
SUB TOTAL		RAILWAY TRACTION (HV-3)	2	17,560	68
HV--4	(A)	For supply at 11kV	2	311	0
	(B)	For supply above 11kV and upto 66kV	-	-	-
	(C)	For supply above 66kV and upto 132kV	-	-	-
SUB TOTAL		LIFT IRRIGATION & P C ABOVE 100 BHP (75kW) (HV-4)	2	311	0
EXTRA STATE	(A)	EXTRA STATE & OTHERS	-	-	-
SUB TOTAL		EXTRA STATE CONSUMERS	-	-	-
BULK	(A)	Torrent	-	-	-
	(B)	KESCO	-	-	-
SUB TOTAL		BULK SUPPLY	-	-	-
GRAND TOTAL			4,696,584	16,390,171	24,074

6.5 PROJECTED BILLING DETERMINANTS FOR FY 2016-17

The projected category-wise billing determinants for the FY 2016-17 is placed in the table below:

Table 6-15: Projected Billing Determinant for FY 2016-17

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2016-17	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
LMV--1	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	1,376,050	2,571,863	3,333
		(ii) Metered	786,858	1,647,745	965
	(B)	Supply at Single Point for Bulk Load	396	255,723	1
	(C1)	Other Metered Domestic Consumers	1,874,511	4,819,320	5,801
	(C2)	Life Line Consumers/BPL	117,854	119,745	168
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV- 1)	4,155,670	9,414,396	10,267
LMV--2	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	5,884	13,619	18
		(ii) Metered	29,180	100,837	175
	(B)	Private Advertising/Sign Post/Sign Board/Glow	22	68	0

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2016-17	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
		Sign/Flex			
	(C)	Other Metered Non-Domestic Supply	376,379	1,028,564	1,486
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	411,466	1,143,088	1,679
LMV-3	(A)	Un-metered Supply			
	(i)	Gram Panchyat	675	5,046	18
	(ii)	Nagar Palika & Nagar Panchyat	175	13,612	59
	(iii)	Nagar Nigam	548	7,060	31
	(B)	Metered Supply			
	(i)	Gram Panchyat	26	300	2
	(ii)	Nagar Palika & Nagar Panchyat	214	13,217	70
	(iii)	Nagar Nigam	318	26,547	135
SUB TOTAL		PUBLIC LAMPS (LMV-3)	1,958	65,783	313
LMV-4	(A)	Public Institution(4 A)	13,794	73,300	274
	(B)	Private Institution(4 B)	2,568	32,250	78
SUB TOTAL		LIGHT, FAN & POWER FOR PUB./PRIV. INST.(LMV-4)	16,362	105,550	352
LMV-5	(A)	Rural Schedule			
	(i)	Un metered Supply	401,852	2,215,455	3,655
	(ii)	Metered Supply	6,506	36,028	246
	(B)	Urban Schedule			
	(i)	Metered Supply	2,917	21,711	35
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	411,275	2,273,194	3,937
LMV-6	(A)	Small & Medium Power (Power Loom)			
	(i)	Rural Schedule	519	4,498	9
	(ii)	Urban Schedule	3,840	28,210	91
	(B)	Small & Medium Power			
	(i)	Rural Schedule	7,715	61,764	121
	(ii)	Urban Schedule	53,955	735,549	1,341
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	66,029	830,021	1,562
LMV-7	(A)	Rural Schedule			
	(i)	Jal Nigam	305	8,180	22
	(ii)	Jal Sansthan	45	910	5
	(iii)	Others (Water Works)	530	14,714	57
	(B)	Urban Schedule			
	(i)	Jal Nigam	161	16,691	54
	(ii)	Jal Sansthan	140	3,953	15
	(iii)	Others (Water Works)	2,408	82,718	289
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)	3,590	127,166	442
LMV-8	(A)	Metered Supply	373	5,368	23
	(B)	Un-metered Supply			

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2016-17		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
		(i)	STW,Panchayat Raj WB I.Duch P.C, L I upto 100 BHP	4,999	67,294	321
		(ii)	Laghu Dal Nahar above 100 BHP	4	32	0
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)		5,376	72,693	343
LMV--9	(A)	Metered Supply				
		(i)	Individual Residential Consumers	3,780	71,049	240
		(ii)	Others	-	-	-
	(B)	Un-metered Supply				
		(i)	Ceremonies	3	62	1
		(ii)	Temporary Shops	-	-	-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)		3,784	71,112	242
LMV--10	(A)	Serving				
		(i)	Class IV Employees	3,965	421,280	20
		(ii)	Class III Employees	7,328	29,163	37
		(iii)	Junior Engineers & Equivalent	715	3,054	5
		(iv)	Assistant Engineers & Equivalent	304	1,396	3
		(v)	Executive Engineers & Equivalent	172	875	2
		(vi)	Deputy General Manager & Equivalent	32	157	0
		(vii)	CGM/GM & Equivalent posts and above	74	295	1
	(B)	Total Pensioner & Family Pensioner		11,687	36,734	77
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)		24,278	492,956	144
HV--1	(A)	Urban Schedule				
		(i)	For supply at 11kV	1,430	713,351	1,381
		(ii)	For supply at 33 kV & above	41	153,588	793
	(B)	Rural Schedule				
		(i)	For supply at 11kV	55	9,276	39
		(ii)	For supply at 33 kV & above	7	5,441	3
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)		1,532	881,656	2,216
HV--2	(A)	Urban Schedule				
		(i)	For supply at 11kV	6,238	1,818,980	4,112
		(ii)	For supply above 11kV and upto & Including 66kV	222	424,170	1,710
		(iii)	For supply above 66kV and upto & Including 132kV	7	87,762	451

SUPPLY TYPE	CATG.	Meerut DISCOM FY 2016-17		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
		(iv)	For supply above 132kV	1	26,875	187
	(B)	Rural Schedule				
		(i)	For supply at 11kV	2	270	1
		(ii)	For supply above 11kV and upto & Including 66kV	2	2,100	6
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)		6,472	2,360,156	6,466
HV--3	(A)	For supply at and above 132kV		1	7,938	26
	(B)	For supply below 132kV		1	1,000	11
	(C)	For Delhi Metro Rail		-	9,000	32
SUB TOTAL		RAILWAY TRACTION (HV-3)		2	17,938	69
HV--4	(A)	For supply at 11kV		2	311	0
	(B)	For supply above 11kV and upto 66kV		-	-	-
	(C)	For supply above 66kV and upto 132kV		-	-	-
SUB TOTAL		LIFT IRRIGATION & P C ABOVE 100 BHP (75kW) (HV-4)		2	311	0
EXTRA STATE	(A)	EXTRA STATE & OTHERS		-	-	-
SUB TOTAL		EXTRA STATE CONSUMERS		-	-	-
BULK	(A)	Torrent		-	-	-
	(B)	KESCO		-	-	-
SUB TOTAL		BULK SUPPLY		-	-	-
GRAND TOTAL				5,107,793	17,856,020	28,033

6.6 SALES FORECAST AND ENERGY BALANCE

The actual Distribution Losses in FY 2014-15 were 19.66%. The Petitioner estimates its Distribution losses at 19.52% for FY 2015-16. In the ensuing year FY 2016-17, the Petitioner has projected a Distribution loss of 18.00%. The petitioner has also submitted a loss trajectory before the Hon'ble Commission being in line with the loss reduction trajectory suggested by Ministry of Power, Government of India. Thus considering the commitments made by the Petitioner in the aforesaid submission, it has estimated the above losses for FY 2015-16 & FY 2016-17 as per its earlier submissions made before the Hon'ble Commission. Also if in case the actual losses for FY 2014-15 are lower than the committed losses as per the trajectory, the petitioner has estimated a 2% reduction in the Distribution Losses each year over the actual loss level of FY 2014-15.

Based on the aforementioned sales forecast and loss levels, the energy balance for FY 2016-17 is presented in the table below:

Table 6-16: Energy Balance for FY 2014-15, 2015-16 and 2016-17

Energy Balance	Unit	FY 2014-15	FY 2015-16	FY 2016-17
Power Purchase	MU	25,946.02	29,913.09	34,186.48
Line Losses	MU	5,100.66	5,839.04	6,153.57
Sales	MU	20,845.36	24,074.06	28,032.91
Distribution Losses	%	19.66%	19.52%	18.00%

6.7 ESTIMATED REVENUE ASSESSMENT FOR FY 2015-16

The table below presents the projected revenue assessment in FY 2015-16 based on UPERC Tariff order dated 1st October 2014 and 18th June 2015..

Table 6-17: Revenue Assessment for FY 2015-16

Consumer Category	Assessment Revenue	Electricity Sales	Through Rate
	Rs. Cr	MU	Rs./kWh
LMV-1: Domestic Light, Fan & Power	3,430.12	8,469.82	4.05
(a) Consumer getting supply as per "Rural Schedule"	501.95	3,947.88	1.27
(b) Supply at Single Point for Bulk Loads	26.14	0.58	450.04
(c) Other Metered Domestic Consumers	2,867.73	4,390.67	6.53
(d) Life Line Consumers	34.29	130.69	2.62
LMV-2: Non Domestic Light, Fan & Power	1,191.98	1,283.87	9.28
(a) Non-Domestic (Rural)	47.37	140.61	3.37
(b) Private Advertisements/Sign Boards/Glow Signs/Flex	0.12	0.07	18.00
(c) Non-Domestic (Urban Metered)	1,144.49	1,143.19	10.01
LMV-3: Public Lamps	166.61	251.04	6.64
LMV-4: Institutions	214.81	275.24	7.80
(a) Public Institution	161.32	212.20	7.60
(b) Private Institution	53.49	63.04	8.49
LMV-5: Private Tube Wells	299.64	3,788.78	0.79
(a) Rural	279.73	3,754.17	0.75
(b) Urban	19.91	34.61	5.75
LMV 6: Small and Medium Power	993.78	1,177.54	8.44
LMV-7: Public Water Works	307.42	394.97	7.78
LMV-8: State Tubewells & Pumped Canals	156.91	333.31	4.71
LMV-9: Temporary Supply	176.50	190.95	9.24
LMV-10: Deptt. Empl. & Pensioners	25.45	112.74	2.26

Consumer Category	Assessment Revenue	Electricity Sales	Through Rate
HV-1: Non-Industrial Bulk Load	1,456.39	1,760.60	8.27
HV-2: Large & Heavy Power	4,477.07	5,967.01	7.50
HV-3: Railway Traction	45.24	67.96	6.66
HV-4: Lift Irrigation Works	0.24	0.22	10.92
Sub Total	12,942.15	24,074.06	5.38
Bulk & Extra State	-	-	-
Total	12,942.15	24,074.06	5.38

6.8 PROJECTED REVENUE ASSESSMENT FOR FY 2016-17

The table below presents the projected revenue assessment for FY 2016-17 on current tariff based on UPERC Tariff Order for FY 2015-16 dated 18th June 2015.

Table 6-18: Revenue Assessment for FY 2016-17

Consumer Category	Assessment Revenue	Electricity Sales	Through Rate
	Rs. Cr	MU	Rs./kWh
LMV-1: Domestic Light, Fan & Power	4,390.13	10,267.01	4.28
(a) Consumer getting supply as per "Rural Schedule"	614.92	4,297.77	1.43
(b) Supply at Single Point for Bulk Loads	26.47	0.70	380.67
(c) Other Metered Domestic Consumers	3,706.54	5,801.01	6.39
(d) Life Line Consumers	42.20	167.54	2.52
LMV-2: Non Domestic Light, Fan & Power	1,395.25	1,678.66	8.31
(a) Non-Domestic (Rural)	63.47	192.41	3.30
(b) Private Advertisements/Sign Boards/Glow Signs/Flex	0.15	0.08	18.00
(c) Non-Domestic (Urban Metered)	1,331.63	1,486.16	8.96
LMV-3: Public Lamps	206.03	313.38	6.57
LMV-4: Institutions	273.74	351.59	7.79
(a) Public Institution	195.09	273.76	7.13
(b) Private Institution	59.96	77.83	7.70
LMV-5: Private Tube Wells	312.11	3,937.02	0.79
(a) Rural	291.80	3,901.72	0.75
(b) Urban	20.31	35.30	5.75
LMV 6: Small and Medium Power	1,267.98	1,561.87	8.12
LMV-7: Public Water Works	344.20	442.32	7.78
LMV-8: State Tubewells & Pumped Canals	162.08	343.43	4.72
LMV-9: Temporary Supply	212.06	241.94	8.77

Consumer Category	Assessment Revenue	Electricity Sales	Through Rate
LMV-10: Deptt. Empl. & Pensioners	26.44	143.99	1.84
HV-1: Non-Industrial Bulk Load	1,838.37	2,216.30	8.29
HV-2: Large & Heavy Power	4,847.68	6,465.99	7.50
HV-3: Railway Traction	46.14	69.19	6.67
HV-4: Lift Irrigation Works	0.24	0.22	10.92
Sub Total	15,322.45	28,032.91	5.47
Bulk & Extra State	-	-	-
Total	15,303.76	28,032.91	5.46

7. ARR FOR WHEELING & RETAIL SUPPLY BUSINESS

The Hon'ble Commission has issued Distribution Tariff Regulations, which require that the Distribution Licensee shall file Aggregate Revenue Requirement (ARR) complete in all respect along with requisite fees as prescribed by the Commission. The ARR Petition shall contain details of estimated expenditure and expected revenue that it may recover in the ensuing financial year at the prevailing rate of tariff. Further the Distribution Tariff Regulations require that ARR shall separately indicate Aggregate Revenue Requirement (ARR) for Wheeling & Retail Supply function embedded in the distribution function. Till such time complete segregation of accounts between Wheeling and Retail Supply Business takes place, ARR proposals for Wheeling and Retail Supply Business shall be prepared based on an allocation statement to the best judgment of the distribution licensee. The Hon'ble Commission in Distribution Tariff Regulations has broadly classified cost incurred by the licensee as controllable & uncontrollable costs. Uncontrollable cost include fuel cost, increase in cost due to changes in interest rate, increase of cost due to inflation, taxes & cess, variation of power purchase unit costs etc. The FY 2007-08 Tariff Order is the first Order issued by the Hon'ble Commission in accordance with the Distribution Tariff Regulations; in this Tariff Order, the Hon'ble Commission used allocation methodology for segregation of Wheeling & Retail Supply business function of ARR. The Petitioner has adopted the same methodology for deriving wheeling charges, as the complete segregation of accounts between Wheeling and Retail Supply business has not yet been completed.

COMPONENTS OF ANNUAL REVENUE REQUIREMENT

Distribution Tariff Regulations prescribe that annual expenditure of a distribution licensee comprises of the following components:

- a. Power Purchase Cost
- b. Transmission Charge
- c. Operation & Maintenance Expense (Employee Costs A&G Expenses & R&M Expenses)
- d. Depreciation
- e. Interest & Financing Costs
- f. Bad and Doubtful Debts
- g. Return on Equity
- h. Taxes on Income
- i. Other expense
- j. Contribution to Contingency Reserve

The Petitioner in the current petition is filing the ARR for FY 2016-17 for the kind approval by the Hon'ble Commission. In estimating the ARR, the main objective of the Petitioner is to reduce or at least contain the expenses to the extent possible thereby reducing the cost burden on the consumers. The Hon'ble Commission issued the true up order for FY 2012-13 and ARR & Tariff order for FY 2015-16 on 18th June 2015 in which it adopted a normative approach towards capital

investment and other aspects. The current ARR Petition is being filed by the Petitioner in strict compliance with the Distribution Tariff Regulations and in line with the philosophies established by the Hon'ble Commission in its previous true-up and ARR orders.

The Petitioner is making concerted efforts to improve the quality of supply and customer service level. The Petitioner has made elaborate plan for capital investment. In spite of the Petitioner's effort to control expenses the total Revenue Requirement has risen mainly due to uncontrollable factor such as power purchase cost. The Petitioner would like to highlight that all the revenue realized has been utilized in making power purchase cost.

The detailed analysis & estimate of all the elements of ARR for FY 2016-17 have been presented in the subsequent sections with appropriate explanations. The cost elements of ARR have been estimated based on the provisional un-audited accounts of FY 2014-15 and expenses available till date for the FY 2015-16.

The Distribution Tariff Regulations suggest for formulation of an escalation index linked with appropriate indices/rates like Consumer Price Index (CPI) and Wholesale Price Index (WPI) as notified by Central Government for different years. As per the Distribution Tariff Regulations for determination of Operation & Maintenance expenses (which comprises of employee cost, administrative and general (A&G) expenses and repair and maintenance (R&M) expenses) for the years under consideration, the O&M expenses of the base year shall be escalated at inflation rates notified by the Central Government for different years. The inflation rate for above purpose shall be the weighted average of Wholesale Price Index and Consumer Price Index in the ratio of 60:40. Therefore it is imperative to first calculate an Escalation index based on the guidelines provided in the Distribution Tariff Regulations.

7.1 ESCALATION INDEX / INFLATION RATE

The Distribution Tariff Regulations issued by Hon'ble Commission provides that expenses of the base year shall be escalated at Inflation/Escalation rate notified by Central Government for different years. The inflation rate for this purpose shall be weighted average of Wholesale Price Index and Consumer Price Index in the ratio of 60:40. Therefore for the purpose of this ARR, the Petitioner has used this methodology in arriving at Escalation Index/Inflation Rate of 4.01% in FY 2015-16 and 0.92% in FY 2016-17. This Escalation / Inflation index has been used in estimation of various components of ARR. The calculation of Escalation/ Inflation Index is given in following table:

Inflation Rate=0.6*Inflation based on WPI + 0.4*Inflation based on CPI



अधिशारी अधिवक्ता (वित्तिय)
परिधमोषत विद्युत वितरण निगम लि०
विद्योेरिया पार्क, मेरठ

Table 7-1: Escalation Index for FY 2015-16

Month	Wholesale Price Index		Consumer Price Index		Consolidated Index	
	FY 14	FY 15	FY 14	FY 15	FY 14	FY 15
April	171	181	226	242	193	205
May	171	182	228	244	194	207
June	173	183	231	246	196	208
July	176	185	235	252	199	212
August	179	186	237	253	202	213
September	181	185	238	253	204	212
October	181	184	241	253	205	211
November	182	181	243	253	206	210
December	180	179	239	253	203	208
January	179	177	237	254	202	208
February	180	176	238	253	203	207
March	180	176	239	254	204	207
Average	178	181	236	251	200.99	209.05
Hike	Calculation of Inflation Index (CPI-40%, WPI-60%)					
Weighted Average of Inflation						4.01%

WPI-<http://eaindustry.nic.in>

CPI-<http://labourbureau.nic.in/intab.html>

Table 7-2: Escalation Index for FY 2016-17

Month	Wholesale Price Index			Consumer Price Index			FY14	FY15	FY16
	FY 14	FY 15	FY 16	FY 14	FY 15	FY 16			
April	171	181	176	226	242	256	193	205	208
May	171	182	178	228	244	258	194	207	210
June	173	183	179	231	246	261	196	208	212
July	176	185	178	235	252	263	199	212	212
August	179	186	177	237	253	264	202	213	212
September	181	185	177	238	253	266	204	212	212
October	181	184		241	253		205	211	
November	182	181		243	253		206	210	
December	180	179		239	253		203	208	
January	179	177		237	254		202	208	
February	180	176		238	253		203	207	
March	180	176		239	254		204	207	
Average	178	181	177	236	251	261	201	209	211
Weighted Average of Inflation									0.92%

WPI-<http://eaindustry.nic.in>

CPI-<http://labourbureau.nic.in/intab.html>

7.2 POWER PURCHASE COSTS


The Distribution Tariff Regulations provides that the distribution licensee shall have flexibility of procuring power from any source in the country. However it shall procure power on least cost basis and as per merit order principle. A two-part tariff structure shall be adopted for all long term contracts to facilitate merit order dispatch. The cost of energy available from State Generating Stations shall be assessed as per tariffs approved by the Commission and that of energy from central sector stations shall be taken as per tariffs approved by Hon'ble Central Electricity Regulatory Commission. The cost of energy from other sources shall be assessed as per the power purchase/banking/trading agreements and tariffs approved by the Hon'ble Commission. The cost of power purchase from Independent Power Producers (IPPs) within the State shall be as per the tariffs determined in accordance with UPERC (Terms and Conditions of Generation Tariff) Regulations. Similarly the cost of power purchase from IPPs outside the State shall be as per the tariffs and power purchase agreement approved by the Hon'ble Commission. Accordingly, the Petitioner has estimated power purchase cost for FY 2016-17 based on above guiding factors provided in the regulations. Some key assumptions considered in forecasting power purchase units & costs are given below:

- Actual power purchase cost and units of FY 2013-14
- Provisional power purchase cost and units for FY 2014-15
- Trend observed in the previous and current year.
- Impact of loss reduction initiatives.
- Estimated growth in sales.
- Share of expected capacity available from various generators to the UPPCL/DisCom.

For the ensuing year, the Petitioner has projected aggregate T&D losses of 24.70% (at generation end) for overall UPPCL level, which is a reduction in commercial as well as technical losses. The reduction in these losses will be achieved by bringing the unauthorized use of electricity into the billing net and accurately measuring the consumption of electricity as well as reduction in technical losses by replacing /installing adequate capacity equipments.

Distribution licensees are purchasing power from UPPCL at the rate of bulk supply tariff decided by the Hon'ble Commission where as UPPCL procures power from various generating stations i.e. central as well as state generating stations on behalf of distribution companies. UPPCL is currently taking steps to ensure that its purchases are optimized with respect to merit order dispatch and avoid unscheduled interchange (UI) based on frequency deviations from the prescribed band. Purchases are currently being optimized on a "short-term" day-to-day and hour-to-hour basis. The current power procurement plan is based on an exercise of merit order dispatch and probabilistic analysis conducted on monthly basis.

Summary of energy balances projected and corresponding purchased power details for FY 2015-16 and FY 2016-17 are shown in the tables below:


अधिकाारी अधिनयन (कामिज्ज)
परिवर्धन विद्युत वितरण निगम लि०
- पार्क, मेरठ

A detailed Power Procurement Plan and "merit order" dispatch are provided in 'Appendix-1'.

Table 7-3: Details of Power Procurement Cost for FY-2015-16

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Procurement of power from State Sector Generating Stations									
Thermal Stations									
Anpara A	630	3,862	0.72	277	2.04	786	2.75	1,064	2.75
Anpara B	1,000	7,213	1.09	786	1.88	1,354	2.97	2,140	2.97
Harduaganj	165	301	1.52	46	3.52	106	5.03	151	5.03
Obra A	288	535	1.21	65	2.46	131	3.67	196	3.67
Obra B	1,000	3,966	0.69	272	2.31	916	3.00	1,189	3.00
Panki	210	647	1.41	91	4.36	282	5.77	374	5.77
Parichha	220	427	1.04	44	4.22	180	5.26	225	5.26
Parichha Extn.	420	2,258	1.44	325	3.46	781	4.90	1,106	4.90
Parichha Extn. Stage II	500	3,397	1.85	630	3.45	1,173	5.30	1,802	5.30
Harduaganj Ext.	500	3,397	2.02	688	2.72	925	4.75	1,612	4.75
Anpara D	1,000	823	1.51	124	1.70	140	3.21	264	3.21
Sub total - Thermal	5933	26828		3348		6775		10124	3.77
Per unit Avg Rate of Thermal Generation								3.77	
Hydro Stations									
Khara	58	151	0.75	11			0.75	11	0.75
Matatila	20	53	0.68	4			0.68	4	0.68
Obra (Hydel)	99	260	0.66	17			0.66	17	0.66
Rihand	255	670	0.57	38			0.57	38	0.57
UGC Power Stations	14	36	2.22	8			2.22	8	2.22
Belka & Babail	6	16	2.34	4			2.34	4	2.34
Sheetla	4	9	2.84	3			2.84	3	2.84
Sub total - Hydro	455	1195		84.62		0.00		84.62	0.71
Purchase Per unit Avg Rate from hydro generating stations								0.71	
Sub-Total Own generation	6388	28023		3,433.06		6,775.17		10,208.22	3.64
Procurement of power from Central Sector Generating Stations									
Anta	119	626	0.71	44	4.44	278	5.15	322	5.15
Auriya	243	1,279	0.53	68	4.84	618	5.37	687	5.37

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Dadri Thermal	84	613	0.82	50	3.97	243	4.79	294	4.79
Dadri Gas	271	1,427	0.55	78	4.38	626	4.93	703	4.93
Dadri Extension	148	1,055	1.55	164	3.54	373	5.09	537	5.09
Rihand-I	372	2,697	0.78	211	2.00	539	2.78	750	2.78
Rihand-II	346	2,791	0.91	254	1.87	522	2.78	776	2.78
Singrauli	846	6,687	0.52	347	1.28	857	1.80	1,204	1.80
Tanda	440	3,255	1.01	329	3.55	1,155	4.56	1,484	4.56
Unchahar-I	257	2,009	0.83	167	2.82	566	3.65	733	3.65
Unchahar-II	152	1,166	0.86	100	2.79	325	3.65	426	3.65
Unchahar-III	74	577	1.32	76	2.33	135	3.65	211	3.65
Farakka	33	202	0.82	17	2.75	55	3.57	72	3.57
Kahalgaon St. I	77	552	0.92	51	2.51	139	3.43	189	3.43
Kahalgaon St. II Ph. I	251	1,807	1.17	212	2.26	408	3.43	620	3.43
Koldam (Hydro)	204	780	1.56	122	2.32	181	3.88	303	3.88
Rihand-III	375	1,980	1.27	251	1.51	299	2.78	550	2.78
Sub-Total NTPC	4294	29503		2,541.98		7,318.71		9,860.69	3.34
Chamera	109	336	0.58	20	0.82	27	1.40	47	1.40
Chamera-II	86	392	1.28	50	1.00	39	2.28	89	2.28
Chamera-III	62	282	1.74	49	1.86	53	3.60	102	3.60
Dhauliganga	75	281	1.10	31	1.27	36	2.37	67	2.37
Salal I&II	48	252	0.60	15	0.38	9	0.98	25	0.98
Tanakpur	21	103	1.70	17	1.22	12	2.92	30	2.92
Uri	96	497	1.05	52	0.89	44	1.94	96	1.94
Dulhasti	111	516	2.82	145	2.30	118	5.12	264	5.12
Sewa-II	35	136	1.89	26	1.81	25	3.70	50	3.70
Uri-II	51	221	2.49	55	0.45	10	2.94	65	2.94
Parbati ST-III	140	514	1.05	54	3.74	192	4.79	246	4.79
Sub-Total NHPC	834	3529		514.82		566.10		1,080.92	3.06
NAPP	166	1025	0	0	2.49	255	2.49	255	2.49
RAPP #3&4	80	671	0	0	2.96	199	2.96	199	2.96
RAPP#5&6	115	885	0	0	3.53	312	3.53	312	3.53
Sub-Total NPCIL	361	2581				766.33		766.33	2.97
NATHPA JHAKRI HPS	287	2,012	1.06	213	1.45	292	2.51	505	2.51

अधिकारी अभियन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost (Rs. / kWh)
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	
TALA POWER	45	181	-	-	2.13	39	2.13	39	2.13
Koteshwar	173	569	1.94	110	1.80	102	3.74	213	3.74
Srinagar	290	1,776	-	-	4.00	710	4.00	710	4.00
Sasan	495	3,469	0.15	54	1.15	399	1.30	452	1.30
Case-1	561	2,431	2.33	565	1.71	415	4.03	980	4.03
Karcham-Wangtoo	200	158	-	-	3.00	47	3.00	47	3.00
VISHNUPRAYAG	352	2,450	0.58	143	1.25	307	1.84	451	1.84
TEHRI STAGE-I	418	2,171	1.51	327	3.42	743	4.93	1,070	4.93
Rosa Power Project	600	4,066	1.73	704	3.58	1,455	5.31	2,160	5.31
Rosa Power Project	600	4,066	1.73	704	3.61	1,468	5.34	2,172	5.34
Bara	1,782	2,126	1.17	249	1.85	394	3.02	642	3.02
Anpara 'C'	1,100	7,015	1.36	957	2.48	1,740	3.84	2,697	3.84
IGSTPP, Jhajhjar	51	212	2.59	55	4.19	89	6.78	144	6.78
Bajaj Hindusthan	450	2,807	2.25	632	4.39	1,232	6.64	1,864	6.64
Lalitpur	1,980	2,848	1.88	535	2.95	840	4.83	1,375	4.83
Sub-Total IPP/JV	9383	38354		5248		10273		15521	4.04666
Captive and Cogen	-	2,865	-	-	4.61	1,321	4.61	1,321	4.61
Inter system exchange (Bilateral & PXIL, IEX) / UI	-	4,940	-	-	5.00	2,470	5.00	2,470	5.00
Solar Energy	-	84	-	-	10.35	87	10.35	87	10.35
NVVN Coal Power	-	352	-	-	3.13	110	3.13	110	3.13
Sub-Total : Co-Generation & Other Sources	-	8241				3,987.97		3,987.97	4.84
Grand Total of Power Purchase	21259	110231		11,737.79		29,687.0		41,424.82	3.76

Table 7-4: Details of Power Procurement Cost for FY-2016-17

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost (Rs. / kWh)
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	
Procurement of power from State Sector Generating Stations									
Thermal Stations									
Anpara A	630	3,852	0.75	289	2.12	816	2.87	1,104	2.87
Anpara B	1,000	7,194	1.11	801	1.95	1,404	3.07	2,206	3.07
Harduaganj	165	300	1.58	47	3.66	110	5.23	157	5.23
Obra A	288	533	1.25	67	2.55	136	3.81	203	3.81
Obra B	1,000	3,955	0.71	281	2.40	951	3.11	1,232	3.11
Panki	210	646	1.46	94	4.54	293	6.00	387	6.00
Parichha	220	425	1.06	45	4.39	187	5.45	232	5.45
Parichha Extn.	420	2,252	1.44	325	3.60	810	5.04	1,135	5.04
Parichha Extn. Stage II	500	3,388	1.84	625	3.59	1,216	5.43	1,841	5.43
Harduaganj Ext.	500	3,388	2.01	681	2.83	959	4.84	1,640	4.84
Anpara D	1,000	6,192	1.66	1,027	1.77	1,094	3.43	2,121	3.43
Sub total - Thermal	5933	32126		4283		7976		12259	3.82
Per unit Avg Rate of Thermal Generation								3.82	
Hydro Stations									
Khara	58	151	0.78	12			0.78	12	0.78
Matatila	20	53	0.70	4			0.70	4	0.70
Obra (Hydel)	99	260	0.68	18			0.68	18	0.68
Rihand	255	670	0.59	40			0.59	40	0.59
UGC Power Stations	14	36	2.30	8			2.30	8	2.30
Belka & Babail	6	16	2.43	4			2.43	4	2.43
Sheetla	4	9	2.95	3			2.95	3	2.95
Sub total - Hydro	455	1195		88.00		0.00		88.00	0.74
Purchase Per unit Avg Rate from hydro generating stations								0.74	
Sub-Total Own generation	6388	33321		4,370.72		7,975.92		12,346.64	3.71
Procurement of power from Central Sector Generating Stations									
Anta	119	626	0.73	46	4.62	289	5.36	335	5.36
Auriya	243	1,279	0.55	71	5.03	643	5.58	714	5.58
Dadri Thermal	84	613	0.86	52	4.13	253	4.98	305	4.98
Dadri Gas	271	1,427	0.57	81	4.56	651	5.13	732	5.13

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost (Rs. / kWh)
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	
Dadri Extension	148	1,055	1.61	170	3.68	388	5.29	559	5.29
Rihand-I	372	2,697	0.81	220	2.08	560	2.89	780	2.89
Rihand-II	346	2,791	0.95	264	1.95	543	2.89	807	2.89
Singrauli	846	6,687	0.54	361	1.33	891	1.87	1,252	1.87
Tanda	440	3,255	1.05	343	3.69	1,201	4.74	1,544	4.74
Unchahar-I	257	2,009	0.86	174	2.93	589	3.80	763	3.80
Unchahar-II	152	1,166	0.89	104	2.90	338	3.80	443	3.80
Unchahar-III	74	577	1.37	79	2.43	140	3.80	219	3.80
Farakka	33	202	0.85	17	2.86	58	3.71	75	3.71
Kahalgaon St. I	77	552	0.96	53	2.61	144	3.57	197	3.57
Kahalgaon St. II Ph. I	251	1,807	1.22	221	2.35	424	3.57	645	3.57
Koldam (Hydro)	95	361	1.56	56	2.41	87	3.97	143	3.97
Rihand-III	375	1,980	1.32	261	1.57	311	2.89	572	2.89
Sub-Total NTPC	4184	29083		2573		7510		10084	3.47
Chamera	109	336	0.60	20	0.85	29	1.46	49	1.46
Chamera-II	86	392	1.34	52	1.04	41	2.37	93	2.37
Chamera-III	62	282	1.81	51	1.86	53	3.67	103	3.67
Dhauliganga	75	281	1.10	31	1.27	36	2.37	67	2.37
Salal I&II	48	252	0.60	15	0.38	9	0.98	25	0.98
Tanakpur	21	103	1.70	17	1.22	13	2.92	30	2.92
Uri	96	497	1.05	52	0.89	44	1.94	96	1.94
Dulhasti	111	516	2.82	145	2.30	118	5.12	264	5.12
Sewa-II	35	136	1.89	26	1.81	25	3.70	50	3.70
Uri-II	25	111	4.98	55	0.45	5	5.43	60	5.43
Parbati ST-III	104	383	1.41	54	3.74	143	5.15	197	5.15
Sub-Total NHPC	773	3287		519.58		514.80		1,034.38	3.15
NAPP	166	935	-	-	2.59	242	2.59	242	2.59
RAPP #3&4	80	604	-	-	3.08	186	3.08	186	3.08
RAPP#5&6	115	799	-	-	3.67	293	3.67	293	3.67
Sub-Total NPCIL	361	2339				721.55		721.55	3.09
NATHPA JHAKRI HPS	287	1,383	1.60	221	1.51	209	3.11	430	3.11
TALA POWER	45	181	-	-	2.22	40	2.22	40	2.22
Koteshwar	173	569	2.02	115	1.87	107	3.89	221	3.89

अधिकारी अभियन्ता (वाणिज्य)
परिचालक विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Srinagar	290	519	-	-	4.16	216	4.16	216	4.16
Sasan	495	2,081	0.27	56	1.20	249	1.46	305	1.46
Case-1	2,175	10,186	2.19	2,227	1.52	1,553	3.71	3,780	3.71
Karcham-Wangtoo	200	158	-	-	3.12	49	3.12	49	3.12
VISHNUPRAYAG	352	1,623	0.92	149	1.30	212	2.22	361	2.22
TEHRI STAGE-I	418	1,809	1.88	340	3.56	644	5.44	984	5.44
Rosa Power Project	600	3,946	1.75	689	3.72	1,469	5.47	2,158	5.47
Rosa Power Project	600	3,946	1.75	689	3.75	1,481	5.50	2,171	5.50
Bara	1,782	7,395	1.18	874	3.14	2,323	4.32	3,197	4.32
Anpara 'C'	1,100	7,015	1.77	1,241	2.58	1,809	4.35	3,050	4.35
IGSTPP, Jhajhjar	51	354	1.61	57	4.36	154	5.97	211	5.97
Bajaj Hindusthan	450	2,807	2.25	632	4.57	1,281	6.82	1,913	6.82
Lalitpur	1,782	10,108	1.88	1,900	2.95	2,982	4.83	4,882	4.83
Sub-Total IPP/JV	10799	54080		9190		14779		23969	4.43
Captive and Cogen	-	2,865	-	-	4.79	1,374	4.79	1,374	4.79
Inter system exchange (Bilateral & PXIL, IEX) / UI	-	217	-	-	5.30	115	5.30	115	5.30
Solar Energy	-	84	-	-	10.76	90	10.76	90	10.76
NVVN Coal Power	-	352	-	-	3.26	114	3.26	114	3.26
Sub-Total : Co-Generation & Other Sources	-	3518				1,693.45		1,693.45	4.81
Grand Total of Power Purchase	22505	125627		16,653.47		33,194.7		49,848.13	3.97

As can be seen from table above power purchase cost is projected to be Rs. 49,848.13 crore in FY 2016-17. The inter-state transmission charges (PGCIL) are envisaged to be Rs. 3,000.00 crore. Thus, the total power procurement cost including PGCIL charges are projected to be Rs. 52,848 crore at overall UPPCL level.

Power Procurement Cost from UPPCL by DisCom:

The Distribution Tariff Regulations state that the total power purchase cost for distribution licensee's requirement shall be estimated on the basis of merit order principle. Presently UPPCL is carrying out the function of power procurement for bulk supply to DisComs. UPPCL purchases power from various generators i.e. central & state generating stations, IPPs, etc and supplies to various DisComs of the state at the bulk supply rate notified by the Hon'ble Commission as GOUP has yet not allocated individual PPAs to State DisComs. As a result cost of power purchase for the distribution companies from UPPCL would be uniform (bulk supply tariff - BST). Hence BST has been determined under the principle that all DisComs would have paid the same average price in FY 2016-17. The derivation of the bulk supply tariff is depicted in the table below:

Table 7-5: Computation of the Bulk Supply Tariff

Particulars	Derivation	2015-16	2016-17
Purchases Required & Billed Energy (MU)	A	110,231.03	125,627.02
Periphery Loss (Up to inter connection Point) (%)	B	1.65%	1.65%
Energy Available at State periphery for Transmission (MU)	$C = A * (1-B)$	108,412.22	123,554.18
Intra -State Transmission losses %	D	3.67%	3.67%
Energy Input into Transmission-Distribution Interface (MU)	$E = C * (1-D)$	104,433.49	119,019.74
Power Purchase Cost (Rs. Crore)	F	41,424.82	49,848.13
PGCIL Inter-State transmission charges (Rs. Crore)	G	2,632	2,999.90
Total Power Procurement Cost (Rs. Crore)	$H = F + G$	44,056.79	52,848.03
Bulk Supply Tariff (Rs./Unit)	$I = (H/E) * 10$	4.22	4.44

Considering the aforementioned bulk supply tariff the power purchase cost of the Petitioner is computed as per the table below:

Table 7-6: Projected Power Purchase Costs for the Tariff Period

Particulars	Derivation	FY 2015-16	FY 2016-17
Energy Sales (MU)	A	24,074.06	28,032.91
Distribution Loss (%)	B	19.52%	18.00%
Distribution Loss (MU)	$C = A / (1-B) - A$	5,839.04	6,153.57
Power Purchase Required (MU)	$D = A + C$	29,913.09	34,186.48
Bulk Power Purchase Rate (Rs/kWh)	E	4.22	4.44
Power Purchase Cost (Rs Crore)	$F = D * E / 10$	12,619.27	15,179.73

It is humbly prayed that the Petitioner may be allowed an internal adjustment on account of the power purchase expense and apportionment of the O&M expenses and interest and finance charges incurred by UPPCL (being the Tradeco and holding company of the state distribution companies including the Petitioner) at the year-end such that full cost recovery is allowed to UPPCL without imposing any impact on the ARR approved by the Hon'ble Commission.

7.3 TRANSMISSION CHARGES

The interstate transmission charges payable by the UPPCL to PGCIL has been projected to be Rs. 3,000 crore in the ensuing year. The PGCIL charges consequent to inter-state transmission is being levied on energy procured from NTPC, NPCIL, NHPC, SJVNL, Tehri, TALA and others. These charges have been incorporated in Power Procurement Cost. The petitioner submits that while considering power procurement to meet the State's requirement, losses external to its system i.e., in the Northern Region PGCIL system need to be accounted for. The availability of power for the Petitioner (i.e. at UPPCL system boundary) from these sources gets reduced to the extent of these losses and the Petitioner has accordingly incorporated them while drawing up the energy balance and merit order dispatch for meeting the State requirement.

The intra state transmission charges for current year and ensuing year payable by Petitioner are on the basis of actual energy received & uniform charges are to be paid by all the Distribution Licensees proportionate to the energy delivered to them. The Transmission licensee is also performing the function of SLDC as such SLDC cost is embedded in the transmission charges. The projections of transmission charges have been traced from the ARR/Tariff Petition filed by U.P. Power Transmission Corporation Ltd (UPPTCL) for the FY 2016-17 filed before the Hon'ble Commission.

In such Petition U.P. Power Transmission Corporation Ltd has projected transmission charge at the rate of Rs. 0.194 per kWh for FY 2016-17. Accordingly licensee has estimated the cost of intra state transmission charges for ensuing year as well as for the current year in the tables given below.

Table 7-7: Projected Transmission Charges

Particulars		FY 2015-16	FY 2016-17
Energy Procured (MU)	A	29,913	34,186
Transmission Tariff (Rs/kWh)	B	0.173	0.194
Transmission Cost (Rs Crore)	$C=A \times B / 10$	516.24	661.77

The Petitioner submits that the billing in respect of intra-state transmission charges is being done on postage stamp tariff method till the time the Allotted Transmission Capacity of Long Term Transmission System Customers (the Distribution Licensees & Bulk Customer) is not finalized. Suitable steps in this regard have been initiated at the Petitioner's end to finalize the allotted transmission capacities and once it is done the intra-state transmission charges would be claimed

and paid linked with contracted transmission capacity rather than on postage stamp tariff method. The postage stamp tariff based billing poses the risk of unjust enrichment to the transmission utility as it is possible for it to recover fixed costs in excess of the costs approved by the Hon'ble Commission in its ARR order. In the interim, till the contracted capacities are finalized, it is humbly prayed with the Hon'ble Commission, that an internal adjustment bill may be allowed to be raised within the subsidiary companies at the year-end, so that the transmission utility recovers only its costs and no unjust enrichment is allowed to it on account of postage stamp tariff method based billing.

7.4 OPERATION & MAINTENANCE EXPENSES

Operation & Maintenance expenses comprise of Employee costs, Administrative & General (A&G) Expenses and Repair & Maintenance (R&M) expenses. The Regulation 4.3 of the Distribution Tariff Regulations issued by the Hon'ble Commission stipulates:

"1- The O&M expenses comprise of employee cost, repairs & maintenance (R&M) cost and administrative & general (A&G) cost. The O&M expenses for the base year shall be calculated on the basis of historical/audited costs and past trend during the preceding five years. However, any abnormal variation during the preceding five years shall be excluded. For determination of the O&M expenses of the year under consideration, the O & M expenses of the base year shall be escalated at inflation rates notified by the Central Government for different years. The inflation rate for above purpose shall be the weighted average of Wholesale Price Index and Consumer Price Index in the ratio of 60:40. Base year, for these regulations means, the first year of tariff determination under these regulations

2- Where such data for the preceding five years is not available the Commission may fix O&M expenses for the base year as certain percentage of the capital cost.

3- Incremental O&M expenses for the ensuing financial year shall be 2.5% of capital addition during the current year. O&M charges for the ensuing financial year shall be sum of incremental O&M expenses so worked out and O&M charges of current year escalated on the basis of predetermined indices as indicated in regulation 4.3 (1).."

The Hon'ble Commission in its previous true-up orders had determined the O&M expenses for the base year and subsequently in the order dated 18th June 2015 in the matter of determination of ARR and Tariff for FY 2015-16, had allowed the O&M expenses strictly in line with the Distribution Tariff Regulations, considering escalation indices and O&M expenses on new assets. The pay revision expenses were considered separately and the base employee expenses were increased to account for the increase due to wage revision.


जयिवासी जयिवासी (कविज्य)
परिचयकेतु विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

7.4.1 O&M EXPENSES ON ADDITION TO ASSETS DURING THE YEAR

In addition to the Employee expenses, A&G expenses and R&M expenses described in the succeeding section, the Distribution Tariff Regulations provide for incremental O&M expenses on addition to Gross Fixed Assets (GFA) during the year. Distribution Tariff Regulations stipulates that "Incremental O&M expenses for the ensuing financial year shall be 2.5% of capital addition during the current year. O&M expenses for the ensuing financial year shall be sum of incremental O&M expenses so worked out and O&M expenses of current year escalated on the basis of predetermined indices as indicated in regulation 4.3 (1)."

Considering the above the incremental O&M has been worked out in following table. The same are allocated across the individual elements of the O&M on the basis of contribution of each element in the gross O&M expenses excluding the incremental O&M expenses.

Table 7-8: Allocation of Incremental O&M expenses for FY 2016-17 (Rs Crore)

Incremental O&M Expenses @ 2.5% of capital additions during the (n-1)th year	FY 2015-16	FY 2016-17
Capitalized Assets in (n-1)th year	531.72	1448.87
Incremental O&M Expenses	13.29	50.05
(a) Employee Costs	7.68	28.90
(b) A&G Expenses	1.60	6.30
(c) R&M Expenses	4.02	14.85

7.5 O&M EXPENSES FOR FY 2016-17

The Petitioner has computed the allowable O&M expenses up to FY 2013-14 in the foregoing sections. The allowable O&M expenses for FY 2016-17 have been claimed by escalating the component wise O&M expenses for FY 2013-14 by using the yearly inflation indices approved by the Hon'ble Commission up to FY 2015-16 in its Tariff Order dated 18th June 2015 and at the rate of 4.01% for FY 2015-16 and 0.92% for FY 2016-17 as computed in Section titled 'Escalation / Inflation Index' above.

Thus, the allowable O&M expenses for FY 2016-17 are depicted in the table below:

Table 7-9: Allowable O&M Expenses for FY 2016-17 (Rs Crore)

Particulars	FY 2014-15	FY 2015-16	FY 2016-17
Employee Expenses			
Gross Employee Costs and Provisions	378.29	439.37	443.41
Incremental Employee Expenses @ 2.5% of GFA additions of preceding year	-	7.68	28.90
Gross Employee Expenses	378.29	447.04	472.31

Particulars	FY 2014-15	FY 2015-16	FY 2016-17
Employee expenses capitalized	186.25	67.06	70.85
Net Employee Expenses	192.03	379.99	401.46
A&G Expenses			
Gross A&G Expenses	154.05	89.07	89.89
Incremental Employee Expenses @ 2.5% of GFA additions of preceding year	-	4.02	14.85
Gross A&G Expenses	154.05	93.09	104.73
A&G expenses capitalized	22.03	13.96	15.71
Net A&G Expenses	132.01	79.12	89.02
R&M Expenses			
Repair & Maintenance Expenditure	220.34	232.45	234.59
Incremental Employee Expenses @ 2.5% of GFA additions of preceding year	-	1.60	6.30
Gross Repair & Maintenance Expenses	220.34	234.05	240.89
Total O&M Expenses Allowable as per Regulations	544.39	693.16	731.38

The Petitioner submits that increase in dearness pay may be higher than the escalation index determined as per the Distribution Tariff Regulations. It is humbly prayed that any variation in employee expenses due to increase in dearness pay, may be considered by the Hon'ble Commission, at the time of true-up for the relevant year, and based on specific submissions by the Petitioner in this regard.

7.6 CAPITAL EXPENDITURE, CAPITAL FORMATION ASSUMPTION AND GROSS FIXED ASSET (GFA) BALANCES.


The details of the proposed capital investment for FY 2016-17 are provided in the table below:

Table 7-10: Capital Investment Plan for FY 2016-17 (Rs Crore)

Particulars	Capital Investment Plan				
	Physical	Loans	Equity / Internal Accruals	Deposit Works	Total
Energisation of PTW Connections	8550	63.09	27.04		90.14
Electrification of villages under Dr. Ram Manohar Lohia Samagr Vikas Yojna Scheme	208	68.64	29.42		98.05
33 kV / 11 kV Works under Business Plan					
a) 33 kV Works	0	0.00	0.00		0.00

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

Particulars	Capital Investment Plan				
	Physical	Loans	Equity / Internal Accruals	Deposit Works	Total
Construction of new 33/11 kV S/s and associated 33 kV lines	38	106.30	45.56		151.85
Increasing capacity of 33 / 11 kV S/s	65	35.27	15.12		50.39
33 kV link line	460	32.56	13.95		46.51
Replacement of damaged/obsolete 33kV VCB & Switchgears and higher capacity of conductor, poles, S/s apparatus, etc.	150	5.43	2.33		7.75
b) 11 kV Works					
11 kV new line (bifurcation of feeders, link lines, etc)	150	5.13	2.20		7.33
11/0.4 kV S/s (25, 63 & 100 kVA)	150	3.26	1.40		4.65
11/0.4 kV S/s (250 & 400 kVA)	40	1.79	0.77		2.56
11/0.4 kV S/S Increasing Capacity (25 to 63 and 63 to 100 KVA)	300	3.26	1.40		4.65
11/0.4 kV S/S Increasing Capacity (100 to 250 kVA and 250 to 400 kVA)	45	2.03	0.87		2.89
Strengthening of 11 kV Line	200	3.09	1.33		4.42
11/0.4 kV S/s providing extra LT Distributors / DO fuse set and LT Distribution pillar box	300	3.26	1.40		4.65
Strengthening of LT line (Replacement of damaged conductors / jarjar poles / jarjar lines with higher capacity of conductors, etc)	200	2.39	1.02		3.41
Strengthening of HT line	0	0.00	0.00		0.00
Replacement of damaged/obsolete 11kV OCB / VCB, etc	230	7.60	3.26		10.85
Double Metering of consumers	0	1.52	0.65		2.17
LT Aerial Bunch Conductors	60	5.43	2.33		7.75
System Augmentation of Distribution Network	22	147.07	63.03		210.09
Capital Works under Vyapar Vikas Nidhi	0	108.52	46.51		155.03
33/11 kV Substations under Tehsil Scheme	31	135.28	57.98		193.26
33/11 kV Substations under CM's declaration	4	12.15	5.21		17.36
Feeder Segregation Scheme	0	126.25	54.11		180.36
RGGVY Phase II (11th Plan Pending Works)	0	12.81	5.49		18.30
RGGVY Phase II (12th Plan)	0	18.54	7.95		26.49
Other Misc Works	0	62.29	26.70		88.99
R-APDRP Part A	0	74.73	32.03		106.76
R-APDRP Part B	0	374.25	160.39		534.64
Deposit Works	0	0.00	0.00	400.00	400.00
Total		1421.92	609.39	400.00	2431.31


 अधिशासी अभियंता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

The projected capital expenditure is proposed to be funded in a debt equity mix of 70:30 which is also in line with the Distribution Tariff Regulations and established philosophy of the Hon'ble Commission.

The assumptions used for projecting GFA and CWIP are as follows:

- The opening GFA and CWIP for FY 2015-16 have been taken as per the closing figures from provisional annual accounts of FY 2014-15.
- 40% the opening CWIP and 40% of investment made during the year, expenses capitalized & interest capitalized (40% of total investment) has been assumed to get capitalized during the year.
- Investment through "deposit work" has been taken for capital formation. However depreciation thereon has not been charged to the ARR in line with the policy adopted by Hon'ble Commission in its last Tariff Orders.
- The capital investment for FY 2015-16 has been pegged at Rs. 2,731.18 crore out of which works through deposit works have been envisaged at Rs. 409.68 crore.
- The Petitioner envisages a capital investment of Rs. 2,431.31 crore in FY 2016-17 out of which works through deposit works have been envisaged at Rs. 400 crore.
- The capital investment plan (net of deposit works) has been projected to be funded in the ratio of 70:30 (debt to equity).

Considering the aforementioned submissions, the capital formation and capital work in progress for FY 2015-16 and 2016-17 are presented below:

Table 7-11: Capitalization and WIP of Investment during FY 2015-16 and 2016-17 (Rs Crore)

Particulars	Derivation	FY 2015-16 Revised Estimates	FY 2016-17 ARR
Opening WIP as on 1st April	A	724.95	2,173.30
Investments	B	2,731.18	2,431.31
Employee Expenses Capitalisation	C	67.06	70.85
A&G Expenses Capitalisation	D	13.96	15.71
Interest Capitalisation on Interest on long term loans	E	85.02	115.90
Total Investments	F= A+B+C+D+E	3,622.17	4,807.07
Transferred to GFA (Total Capitalisation)	G=F*40%	1,448.87	1,922.83
Closing WIP	H= F-G	2,173.30	2,884.24

- Notes:** (1) Opening Balances as per provisional figures of FY 2014-15.
(2) Capitalized expenses are from Emp. cost & A&G cost Tables
(3) Transfer from WIP to GFA=40% of beginning WIP + 40% of total investment, capitalized Interest, Capitalized employee cost, capitalized A&G expenses.

Table 7-12: Gross Fixed Assets

(All figures in Rs Crore)

Particulars	Derivation	FY 2015-16 Revised Estimates	FY 2016-17 ARR
Opening GFA	A	7,397.78	8,846.65
Additional to GFA during the year	B	1,448.87	1,922.83
Closing GFA	C=A+B	8,846.65	10,769.48

7.7 FINANCING OF THE CAPITAL INVESTMENT

The Petitioner has considered a normative gearing of 70:30. Considering this approach, 70% of the capital expenditure undertaken in any year has been considered to be financed through loan and balance 30% has been considered to be financed through equity contributions. The portion of capital expenditure financed through consumer contribution, capital subsidies and grants has been separated as the depreciation and interest thereon would not be charged to the beneficiaries.

The amounts received as consumer contributions, capital subsidies and grants are traced from the provisional accounts for FY 2014-15. Further, the consumer contributions, capital subsidies and grants for FY 2015-16 and 2016-17 have been considered to be in the same ratio to the total investments, as received by it in FY 2014-15.

The table below summarizes the amounts considered towards consumer contributions, capital grants and subsidies from FY 2014-15 to 2016-17:

Table 7-13: Consumer Contribution, Capital Grants & Subsidies up to 2015-16 (Rs Crore)

Particulars	2014-15	2015-16	2016-17
Opening Balance of Consumer Contributions, Grants and Subsidies towards Cost of Capital Assets	1,329.47	1,486.62	1,665.21
Additions during the year	245.86	409.68	400.00
Less: Amortisation	88.70	231.10	279.07
Closing Balance	1,486.62	1,665.21	1,786.14

Table 7-14: Financing of the Capital Investment up to FY 2016-17 (Rs Crore)

Particulars	Derivation	2014-15	2015-16	2016-17
Investment	A	1,514.54	2,731.18	2,431.31
Less:		-	-	-
Consumer Contribution	B	245.86	409.68	400.00

Particulars	Derivation	2014-15	2015-16	2016-17
Investment funded by debt and equity	C=A-B	1,268.69	2,321.50	2,031.31
Debt Funded	70%	888.08	1,625.05	1,421.92
Equity Funded	30%	380.61	696.45	609.39

Thus, the Petitioner submits that out of the capital investment of Rs. 2,431.31crore in FY 2016-17, the capital investment through deposit works would be to the tune of Rs. 400 crore. Balance Rs. 2,031.31 crore has been considered to be funded through debt and equity. Considering a debt equity ratio of 70:30, Rs. 1,421.92 crore or 70% of the capital investment is proposed to be funded through debt and balance 30% equivalent to Rs. 609.39 crore through equity.

7.8 DEPRECIATION EXPENSE

Regulation 4.9 of the Distribution Tariff Regulations provide for the basis of charging depreciation. The relevant excerpt is reproduced below:

“4.9 Depreciation:

1. *For the purposes of tariff, depreciation shall be computed in the following manner, namely:*
 - a. *The value base for the purpose of depreciation shall be the historical cost as provided in the Fixed Assets Register, excluding consumer contribution or capital subsidy/grant utilized for capitalization of the assets.....*
 6. *Depreciation shall be chargeable from the first year of operation. In case of operation of the asset for part of the year, depreciation shall be charged on pro-rata basis.”*

Thus the Distribution Tariff Regulations provide for allowing -

- full year depreciation on the opening balance of GFA
- pro-rata depreciation on the additions made to the GFA balance during the relevant financial year

For the purpose of computing the allowable depreciation, the Petitioner has considered the GFA base as per provisional accounts for FY 2014-15 and have subsequently added the yearly capitalizations for 2015-16 and 2016-17 considered in the foregoing sections. The Petitioner has computed the depreciation only on the depreciable asset base and has excluded the non-depreciable assets such as land, land rights, etc.

Further, Annexure B to the Distribution Tariff Regulations provides the depreciation rate to be charged on each class of asset. Accordingly, the Petitioner has computed depreciation at a weighted average rate of 7.84%.

Considering this philosophy, the gross entitlement towards depreciation has been computed to be Rs.768.95 crore in FY 2016-17 as depicted in the table below:

Table 7-15: Gross Allowable Depreciation for FY 2016-17 (Rs Crore)

Particulars	Derivation	FY 2015-16 Revised Estimates	FY 2016-17 ARR
Depreciation Rate	A	7.84%	7.84%
Opening GFA	B	7,397.78	8,846.65
Additional to GFA during the year	C	1,448.87	1,922.83
Depreciation on Opening GFA + Additions during the year	$D=(A*B)+(C*A/2)$	636.78	768.95

The Petitioner has projected the depreciation on assets created out of consumer contributions, capital grants and subsidies for FY 2015-16 and 2016-17 in the same ratio as per provisional accounts of FY 2014-15. The Petitioner has reduced the equivalent depreciation amounting to Rs. 231.10 crore and Rs. 279.07 crore in FY 2015-16 and 2016-17 respectively in respect of depreciation on assets created out of consumer contributions, capital grants and subsidies.

Thus, the allowable depreciation for FY 2016-17 has been depicted in the table below:

Table 7-16: Net Allowable Depreciation for FY 2016-17 (Rs Crore)

Particulars	FY 2015-16 Revised Estimates	FY 2016-17 ARR
Gross Allowable Depreciation	636.65	768.82
Less: Equivalent amount of depreciation on assets acquired out of the Consumer Contribution and GoUP Subsidy	231.10	279.07
Net Allowable Depreciation	405.56	489.75

7.9 INTEREST ON LONG TERM LOANS

It is reiterated that the Petitioner has considered a normative tariff approach with a gearing of 70:30. In this approach, 70% of the capital expenditure undertaken in any year has been considered to be financed through loan and balance 30% has been considered to be funded through equity contributions. The portion of capital expenditure financed through consumer contributions, capital subsidies and grants has been separated as the depreciation and interest thereon has not been charged to the beneficiaries.

Allowable depreciation for the year has been considered as normative loan repayment. The weighted average rate of interest of overall long term loan portfolio for FY 2013-14 has been considered for FY 2015-16 and 2016-17, as it seems to be fair and equitable. The interest capitalization has been considered at a rate of 23% which is consistent with the rate considered by the Hon'ble Commission in previous tariff orders.

The computations for interest on long term loan are depicted below:

Table 7-17: Allowable Interest on Long Term Loans for FY 2016-17 (Rs Crore)

Particulars	2015-16	2016-17
Opening Loan	2,352.01	3,571.51
Loan Additions (70% of Investments)	1,625.05	1,421.92
Less: Repayments (Depreciation allowable for the year)	405.56	489.75
Closing Loan Balance	3,571.51	4,503.67
Weighted Average Rate of Interest	12.48%	12.48%
Interest on long term loan	369.65	503.93
Interest Capitalisation Rate	23.00%	23.00%
Less: Interest Capitalized	85.02	115.90
Net Interest Charged	284.63	388.02

7.10 FINANCE CHARGES

The Petitioner has projected finance charges towards expenses such as guarantee fees and bank charges to the tune of Rs. 14.15 crore and Rs. 14.28 crore in FY 2015-16 and 2016-17 respectively. The same have been computed by extrapolating the actual guarantee fees and bank charges incurred in FY 2014-15 as per provisional accounts by using the Inflation Index. Further, the Petitioner humbly prays that it may be allowed to claim discount to consumers on actuals during truing up based on audited accounts.

7.11 INTEREST ON CONSUMER SECURITY DEPOSITS

In terms of the Regulation 4.8(3) of the Distribution Tariff Regulation, the Licensee has to pay interest to the consumers at bank rate or more on the consumer security deposit. Further, section 47(4) of the Electricity Act 2003, states that *"the distribution licensee shall pay interest equivalent to the bank rate or more, as may be specified by the concerned state Commission, on the security referred to in sub-section (1) and refund such security on the request of the person who gave such security"*

Accordingly the interest to consumers on the security deposits has been computed on the Opening Balance of the Security Deposits at the beginning of the year at the bank rate of 8.50% for FY 2015-16 and 7.75% for FY 2016-17. However, the same shall be trued up based on audited accounts. The opening balances of security deposits have been considered as per closing figures of provisional accounts for FY 2014-15 and additions during the year for FY 2015-16 and 2016-17 are estimated in line with the projected load growth.

Table 7-18: Interest on Consumer Security Deposits (Rs Crore)

Particulars	FY 2015-16	FY 2016-17
Opening Balance for Security Deposit	1,162.74	1,312.30
Additions during the year	149.57	117.37
Closing Balance for Security Deposit	1,312.30	1,429.67
Rate of Interest	8.50%	7.75%
Interest Paid / Payable on Security Deposits	105.19	106.25

7.12 INTEREST ON WORKING CAPITAL

The Distribution Tariff Regulations provides for normative interest on working Capital based on the methodology outlined in the Regulations. The Petitioner is eligible for interest on working capital worked out on methodology specified in the Regulations as provided below:

- Operation and Maintenance expenses, which includes Employee costs, R&M expenses and A&G expenses, for one month;
- One-twelfth of the sum of the book value of stores, materials and supplies at the end of each month of current financial year;
- Receivables equivalent to 60 days average billing of consumers less security deposits by the beneficiaries

In accordance with the Distribution Tariff Regulations, the interest on the working capital requirement would be the Bank rate as specified by the Reserve Bank of India as on 1st April of the relevant year plus a margin as decided by the Hon'ble Commission. The Petitioner for this Petition has considered the interest rate on working capital requirement at 12.50% including margin. The actual rate of interest would be considered based on the audited accounts during the true-up process for the year in accordance the Distribution Tariff Regulations.

The Petitioner has, in accordance with the above mentioned Distribution Tariff Regulations, considered the interest on working capital which is shown in the table below:

Table 7-19: Allowable Interest on Working Capital (Rs Crore)

Particulars	FY 2015-16	FY 2016-17
	Revised Estimates	ARR
One month's O & M Expenses	64.51	68.16
One-twelfth of the sum of the book value of stores, materials and supplies at the end of each month of such financial year	18.97	16.88
Receivables equivalent to 60 days average billing of Beneficiaries	2,127.48	2,515.69
Gross Total	2,210.96	2,600.73
Security Deposits by the beneficiaries	1,312.30	1,429.67
Net Working Capital	898.65	1,171.06
Rate of Interest for Working Capital	12.50%	12.50%
Interest on Working Capital	112.33	146.38

7.13 SUMMARY OF INTEREST AND FINANCE CHARGES

The allowable interest and finance charges are thus summarized in the table below:

Table 7-20: Interest and Finance Charges for FY 2015-16 and FY 2016-17 (Rs. Crore)

Particulars	FY 2015-16	FY 2016-17
	Revised Estimates	ARR
Interest on Long term Loans	369.65	503.93
Interest on Working Capital Loans	68.66	112.33
Sub Total	438.32	616.26
Interest on Consumer Security Deposits	105.19	106.25
Bank Charges	14.15	14.28
Discount to Consumers		-
Sub Total	119.34	120.53
Gross Total Interest & Finance Charges	557.66	736.79
Less: Capitalization of interest on Long term Loans	85.02	115.90
Interest Capitalization Rate (%)	23.00%	23.00%
Net Interest & Finance Charges	472.64	620.89

7.14 PROVISION FOR BAD AND DOUBTFUL DEBTS

Provisions have been made for bad and doubtful debts at 2% of revenue receivables in line with the Regulation 4.4 of the UPERC (Terms and Conditions for Determination of Distribution Tariff) Regulations, 2006 issued on October 6, 2006. In the last Tariff Order the Hon'ble Commission had disallowed the Petitioner's claim for Provision for Bad and Doubtful Debts due to the absence of any clear-cut policy. It is further submitted that provision for bad & doubtful debts are accepted accounting principle even in sector like Banking where the provisioning of un-collectable dues are considered as a normal commercial practice.

Despite the Hon'ble Commission's views on this component of ARR, it is humbly prayed that the annual provisioning towards bad and doubtful debts may be allowed to the Petitioner as it is an accepted industry norm and also recognized by other State Electricity Regulatory Commissions. The amount, if any, written off towards bad debts is only adjusted against the accumulated provisions in the books, irrespective of the actual amount of bad debts during any particular year. Therefore the Petitioner maintains that this is a legitimate ARR component. As such the Petitioner has made provisions for bad debts for FY 2015-16 and 2016-17 in line with the provisions stipulated in the Distribution Tariff Regulations. The Provision for Bad and Doubtful Debts for 2015-16 along with projections for the financial year 2016-17 are summarized in the table below:

Table 7-21: Provision for Bad and Doubtful Debts (Rs Crore)

Particulars	FY 2015-16	FY 2016-17
Revenue Receivable	3,424.87	3,730.95
Percentage of Debt allowed	2.00%	1.00%
Provision for Bad Debts	68.50	37.31

7.15 OTHER INCOME

Other income includes non tariff income such as interest on loans and advances to employees, income from fixed rate investment deposits, interest on loans and advances to licensees and other miscellaneous income from retail sources. Summary of other income is given below beginning with figure from provisional estimates of FY 2014-15. The amount for FY 2015-16 and 2016-17 has been projected to grow at the rate of inflation index from the actuals of FY 2014-15.

Table 7-22: Other Income (Rs Crore)

Particulars	FY 2014-15	FY 2015-16	FY 2016-17
Interest from Banks other than Fixed Deposits	14.19	14.76	14.89
Interest on loans and Advances to staff	0.15	0.15	0.15
Income from Contractor & Suppliers	5.02	5.22	5.27
Miscellaneous receipts	0.39	0.40	0.41
Less: Rebate for supply at higher voltage	0.40	0.42	0.42
Total	20.14	20.95	21.14

7.16 REASONABLE RETURN / RETURN ON EQUITY

The Regulation 4.10 of Distribution Tariff Regulations 2006 provides for RoE @16% on equity base. The relevant extract of the regulations are as under:

1. *Return on equity shall be allowed @16%, on the equity base determined in accordance with regulation 4.7. However, the Commission may reduce/raise the rate of return subject to performance of the distribution licensee vis-à-vis performance benchmarks set by the Commission.*
2. *Equity invested in foreign currency shall be allowed a return up to the prescribed limit in the same currency and the payment on this account shall be made in Indian Rupees based on the prevailing exchange rate.*
3. *The premium raised by the distribution licensee while issuing share capital and investment of internal resources created out of free reserves, if any, for the funding of the project, shall also be reckoned as paid up capital for the purpose of computing return on equity, provided such share capital, premium amount and internal resources are actually utilized for meeting the capital expenditure of the distribution system and forms part of the approved financial package.*
4. *Return on equity shall be chargeable from the first year of operation. In case of infusion of equity during the year, return on equity shall be charged on pra-rata basis.*

Under the provisions of the Distribution Tariff Regulations licensees are permitted a return on equity @ 16% which is worked out as under:-

- For equity base calculation debt equity ratio shall be 70:30.
- Where equity employed is more than 30%, the amount of equity for the purpose of tariff shall be limited to 30%.
- Equity amount more than 30% shall be considered as loan.
- Provided that in case that actual equity employed is less than 30%, actual debt and equity shall be considered for determination of tariff.

The Petitioner humbly submits that the RoE may be allowed to cover subsidization of departmental employees under LMV-10 dispensation to the extent of 50% as has been historically allowed by the Hon'ble Commission and making good of waived surcharge in case of applicability of OTS, if required.

7.17 CONTRIBUTION TO CONTINGENCY RESERVE

The Distribution Tariff Regulations provides for contribution to the contingency reserves upto 0.5% of opening GFA to be included in the ARR of a distribution licensee. The contingency reserve

so created shall be utilized to meet cost of replacement of equipment damaged due to force majeure situations. Distribution Tariff Regulations require that such Contingency Reserve shall be invested in Government securities. However, the use of such reserve is only with the prior permission of the Hon'ble Commission.

The Petitioner submits that as there is a big revenue gap between ARR and revenue forecast ,as such this component will only enhance the Gap and create extra burden on the consumers so for the present ARR, the Petitioner is not claiming any allowance under Reserve for Contingency Reserve.

7.18 APPORTIONMENT OF O&M EXPENSES AND INTEREST & FINANCE CHARGES OF UPPCL

The Hon'ble Commission in the FY 2013-14 tariff order had directed the distribution companies to consider the apportionment of the O&M expenses of UPPCL and submit the share of each discom. Accordingly, the O&M expenses of UPPCL for FY 2014-15 as per provisional accounts have been considered as base expenses and the same have been escalated in FY 2015-16 and 2016-17 based on the escalation indices for each year.

Considering the above, the same have also been apportioned to all the discoms including the Petitioner in the power purchase ratio for each relevant year. The share of apportionment of O&M charges of UPPCL for FY 2015-16 is Rs. 48.67 crore and Rs. 49.26 crore for FY 2016-17. Accordingly the same have been considered as part of ARR to be recovered from retail consumers.

It is also pertinent to mention that the UPPCL resorts to short term borrowings on behalf of distribution companies to meet the power purchase liabilities of discoms. It incurs interest expenses on behalf of such working capital loans. Also it incurs expenditure towards LC and OD charges incidental to power purchase expenses. It is humbly prayed that the Hon'ble Commission may consider these expenses and allow UPPCL to claim such expenses from the Petitioner and other distribution companies through an internal adjustment without any impact on the ARR of the Petitioner.

7.19 REVENUE SUBSIDY FROM GOUP

The Petitioner submits that the projected budgeted subsidy for FY 2016-17 for overall Discoms is to the tune of Rs. 5,440 crore, out of which the share of the Petitioner is pegged to be Rs. 1,549.97 crore on provisional basis. However, the decision on the basis and allocation within distribution companies is yet to be finalized by the GoUP. It is submitted that the estimated budgeted subsidy is the absolute quantum of subsidy available from GoUP.

7.20 ARR SUMMARY

The Consolidated Retail & Wheeling Business of ARR along with revenue gap for FY 2016-17 at current tariff is summarized in the table below.

Table 7-23: Annual Revenue Requirement for FY 2016-17 (Rs Crore)

Particulars	FY 2014-15 (Provisional account)	FY 2015-16 (Revised Estimates)	FY 2016-17 (ARR)
Power Purchase (MU)	25,946.02	29,913.09	34,186.48
Units Sold (MU)	20,845.36	24,074.06	28,032.91
Power Procurement Cost from UPPCL	11,386.36	12,619.27	15,179.73
Transmission Charges	404.49	516.24	661.77
Employee Costs	378.29	447.04	472.31
A&G Costs	154.05	93.09	104.73
Repair & Maintenance Expense	220.34	234.05	240.89
Interest & Finance Charges	1,373.08	557.66	736.79
Provision for Bad and Doubtful Debts	20.17	68.50	37.31
Depreciation	155.48	470.42	405.56
Other (Misc.)-net prior period credit	80.72	-	-
Return on Equity	-	-	-
Allocation of Interest Charges and O&M of UPPCL	51.72	48.67	49.26
Less: Interest & other expenses capitalised	208.29	166.04	202.46
Total Expenses	14,016.40	14,888.89	17,685.90
Less: Other Income	20.14	20.95	21.14
Less: GoUP Subsidy	1,788.65	1,603.73	1,549.97
Total Annual Revenue Requirement	12,207.61	13,264.21	16,114.79
Revenue from Existing Tariffs	9,871.54	12,942.15	15,303.76
Revenue Gap	2,336.06	322.06	811.03
Operational Gap funding from GoUP	522.30	-	-
Balance gap	1,813.77	322.06	811.03

7.21 RETAIL AND WHEELING BUSINESS ARR SUMMARY

Clause 2.1(2) & (3) of the Distribution Tariff Regulations provide that ARR/Tariff filing by the Distribution Licensee shall separately indicate Aggregate Revenue Requirement (ARR) for Wheeling function and Retail Supply function embedded in the distribution function. Till such time complete segregation of accounts between Wheeling and Retail Supply Business takes place, ARR proposals for Wheeling and Retail Supply Business shall be prepared based on an allocation statement to the best judgment of the distribution licensee.

The Petitioner humbly submits that complete segregation of account between wheeling and retail supply has still not taken place, therefore the Petitioner has adopted the basis of allocation of the expenses in line with the methodology used by the Hon'ble Commission in its last Tariff Order.

Allocations of Consolidated ARR into wheeling & retail supply for FY 2016-17 have been estimated into following table:

Table 7-24: Wheeling and Retail Supply – ARR FY 2016-17 (Rs Crore)

Particulars (Rs Crore)	Allocation %		Allocation FY 2016-17		
	Wheeling	Supply	Wheeling	Supply	Total
Power Purchase Expenses	0%	100%	-	50,981.77	50,981.77
Transmission Charges	0%	100%	-	2,222.58	2,222.58
Employee Cost	60%	40%	1,169.91	779.94	1,949.85
A&G Expenses	40%	60%	229.75	344.62	574.36
R&M Expenses	90%	10%	1,140.62	126.74	1,267.36
Interest Charges	90%	10%	2,713.36	301.48	3,014.84
Depreciation	90%	10%	1,669.72	185.52	1,855.24
Apportionment of O&M Expenses & Interest & Finance Charges of UPPCL	0%	100%	-	165.43	165.43
Gross Expenditure			6,923.35	55,108.08	62,031.44
Expenses Capitalization					-
<i>Employee Cost Capitalized</i>	60%	40%	175.49	116.99	292.48
<i>Interest Capitalized</i>	90%	10%	453.30	50.37	503.67
<i>A&G Expenses Capitalized</i>	40%	60%	34.46	51.69	86.15
Net Expenditure			6,260.10	54,889.03	61,149.14
Special Appropriation					-
Provision for Bad & Doubtful Debts	0%	100%	-	271.60	271.60
Total Net Expenditure with Provision			6,260.10	55,160.63	61,420.74
Less: Non Tariff Income	0%	100%	-	112.99	112.99
Annual Revenue Requirement (ARR)			6,260.10	55,047.64	61,307.74

7.22 WHEELING CHARGES FROM OPEN ACCESS CONSUMERS

Clause 2.1(2) & (3) of the Distribution Tariff Regulations provide that ARR/Tariff filing by the Distribution Licensee shall separately indicate Aggregate Revenue Requirement (ARR) for Wheeling function and Retail Supply function embedded in the distribution function. Till such time complete segregation of accounts between Wheeling and Retail Supply Business takes place ARR proposals for Wheeling and Retail Supply Business shall be prepared based on an allocation statement to the best judgment of the distribution licensee. The wheeling charge has been computed on overall consolidated discom basis keeping in line with the consistent philosophy of the Hon'ble Commission in past Tariff Orders.

Table 7-25: Wheeling Charges for FY 2016-17

Particulars	DVVNL	MVVNL	PVVNL	PuVVNL	TOTAL
Net Distribution Wheeling Function ARR	1,408.84	1,195.17	1,921.67	1,734.41	6,260.10
Retail sales by Discom	20,551.90	17,434.92	28,032.91	25,301.24	91,320.97
Wheeling Charge					0.686

8. TREATMENT OF REVENUE GAP

The Petitioner would like to humbly submit that the Hon'ble Commission approves tariff which is uniform throughout the state. As a consequence, the Petitioner cannot apply for tariff rationalization in its supply area by separately filing for revision of tariff. The Tariff Order for the FY 2015-16 was issued on 18th June 2015 and the revised retail tariff was implemented after due notification. The Petitioner has evaluated a revenue gap of Rs. 811.03 Crore in the ensuing year.

Outlined below is the Revenue Gap for the financial year 2016-17 based on current tariff:

Table 8-1: Meeting the Gap for FY 2016-17 (Rs Crore)

Particulars (Rs Crore)	FY 2016-17
Annual Revenue Requirement	17,664.76
Less: Revenue Subsidy from GoUP	1,549.97
Less: Revenue from Existing Tariff	15,303.76
Revenue Gap for FY 2016-17	811.03

In addition to the above, the revenue gap as per true up petition filed for FY 2013-14 is to the tune of Rs. 1,590.27. Thus, the total revenue gap which needs to be recovered by the Petitioner from its consumers is to the tune of Rs. 2,401.30 crore excluding carrying cost as shown in the table below:

Table 8-2: Total Revenue Gap to be dealt with (Rs Crore)

Particulars	PVVNL
Revenue Gap as per True up Petition for 2013-14	1,590.27
Revenue Gap as per ARR for FY 2016-17	811.03
Total	2,401.30

Additionally, the un-recovered revenue gap towards prior years truing up to the tune of Rs. 293.74 crore was approved by the Hon'ble Commission in the FY 2015-16 tariff order dated 18th June 2015. The same needs to be recovered by the Petitioner along with carrying cost.

Once the decision on the retail tariff revision is taken by all state distribution companies together, given the requirement of uniform tariffs across the state, the Petitioner would, through an additional submission, ratify the applicability of the same rate schedule and would submit the estimates in respect of revenue at proposed tariffs and gap thereafter, if any. However, it is understood that given the significant amount of revenue gap, the whole impact may not be able to be passed through a revision in retail tariffs, as it may lead to massive tariff shock..

9. PRAYERS

The petitioner humbly prays that the Hon'ble Commission may be pleased to:

- Admit the accompanying Annual Revenue Requirement for FY 2016-17 and True up Petition for FY 2013-14.
- Approve the Annual Revenue Requirement for FY 2016-17 and True up for FY 2013-14.
- Allow the Petitioner to procure power through bilateral contracts/exchanges/short term contracts to maintain the desired schedule of supply in the state in case the power procurement from long term sources falls short of levels envisaged and accordingly allow the Petitioner to claim FPPCA on such purchases and allow the variations in final trueing up if any balance adjustment remains
- Allow the Petitioner an internal adjustment on account of the power purchase expense and apportionment of the O&M expenses and interest and finance charges incurred by UPPCL (being the Tradeco and holding company of the state distribution companies including the Petitioner) at the year-end, such that full cost recovery is allowed to UPPCL without imposing any impact on the ARR approved by the Hon'ble Commission.
- In the interim till the contracted capacities are finalized, it is humbly prayed that an internal adjustment bill may be allowed to be raised within the subsidiary companies at the year-end so that the transmission utility recovers only its costs and no unjust enrichment is allowed to it, on account of postage stamp tariff method based billing.
- Allow the Petitioner to claim dearness allowance on actual expenditure basis, in case the increase in rate of dearness allowance, announced by the GoUP exceeds the escalation index for the relevant year, as it is an uncontrollable cost.
- Permit the Petitioner to suitably approach the Hon'ble Commission for revision of the O&M Expenses upon finalization of the pay revision of the employees.
- Allow the Petitioner to claim discount to consumers at actuals, based on audited accounts at the time of true up for FY 2016-17.
- Allow the Petitioner to modify the basis and allocation of revenue subsidy among subsidiary distribution companies based on the decision by the GoUP.
- Allow the petitioner to add/change / alter / modify this application at a future date.
- Issue any other relief order or direction which the Hon'ble Commission may deem fit.

Power Procurement Plan for FY 2016-17

EXECUTIVE SUMMARY

This report presents the list of key assumptions and methodology employed for estimating the power procurement plan and cost therein for FY 2016-17.

The key inputs to the power procurement plan are the load forecast for the year 2016-17, technical parameters of thermal plants of UPRVUNL & UPJVNL plants, fuel costs and tariff (i.e. capacity and energy charges) for central sector plants as well as State Sector & IPPs. For UPRVUNL plants, the Petitioner has taken in to consideration the respective Multi-year Tariff (MYT) Petitions filed by UPRVUNL before the Hon'ble Commission. The other technical parameters have been taken from the Uttar Pradesh Electricity Regulatory Commission (Terms and Conditions of Generation Tariff) Regulations, 2009 issued by UPERC vide notification No.UPERC/Secy/Generation Regulations/4100 Dated 31.03.09 in respect of state generating stations. The estimated power availability from various sources has been made on the basis of

- Current long term allocation of allocated and unallocated power from State owned/ Central Sector generating stations and IPPs
- New generating capacity coming in ensuing year
- Indicated availability and plant load factors of various generators and
- Past availability trends and other relevant information in absence of specific indication by some generators.

Similarly, the cost estimates are based on relevant tariff orders, recent bills, existing arrangements, notifications, etc., for various individual sources. The projected availability from various firm sources of power and associated cost estimates are detailed in the sub-sections below. Various documents referred while estimating these parameters, including energy bills from various generating stations for the period upto September 2015.

Considering the study of the actual data for the first six months of the current year FY 2015-16, the revised energy sales (retail and bulk) for FY 2015-16 is proposed at 80,945 MU and the revised T&D losses are estimated to be 26.57%. Considering the above, the total energy to be procured is approximately 1,10,231 MU.

The energy sales, system losses and total power procurement costs for previous year, current year as well as for the ensuing year 2016-17 are provided below:

Particulars	Unit	2015-16	2016-17
		Revised Estimates	ARR Projections
Energy Sales	MU	80,945	94,599
System Losses	%	26.57%	24.70%
Energy Required	MU	1,10,231	1,25,627

Particulars	Unit	2015-16	2016-17
		Revised Estimates	ARR Projections
Total Power Procurement Cost including PGCIL Charges	Rs Crore	44,057	52,848
Average Power Procurement Cost at Input	Rs/kWh	4.00	4.21

POWER PROCUREMENT FROM STATE GENERATING STATIONS

The State of Uttar Pradesh has got both thermal as well as hydro generating stations. UPRVUNL owns all the thermal generating stations within the State and the Hydro Stations are owned by UPJVNL. The Multi Year Tariff (MYT) Petitions filed by the UPRVUNL before the Hon'ble Commission and the UPERC (Terms and Conditions of Generation Tariff) Regulations, 2014 form the basis for determining the costs for FY 2015-16 and thereafter escalations have been considered in the Fixed & Variable Charges for determination of cost for FY 2016-17.

The computation of cost of power procurement for FY 2016-17 has been done based on

- Provisional power purchase cost and units of FY 2014-15
- Trend observed in the previous and current year.
- Impact of loss reduction initiatives.
- Estimated growth in sales.
- Share of expected capacity available from various Generators to the UPPCL / Discoms.

The projected quantum and cost of energy available from State Thermal and Hydro generating stations has been derived by the Licensee from tariff petitions filed by the UPRVUNL before the Hon'ble State Commission and the UPERC (Terms and Conditions of Generation Tariff) Regulations 2014. Additionally, the Petitioner has also considered the actual energy bills for the period April to September, 2015. Thus the total power purchased from State Thermal and Hydro Generating Stations for FY 2016-17 is given in the table below:

DETAILS OF POWER PURCHASE COST FROM UPRVUNL STATIONS FOR FY 2016-17

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	
Anpara A	630	3852	0.75	288.81	2.12	815.51	2.87	1,104.32	2.87
Anpara B	1000	7194	1.11	801.43	1.95	1,404.40	3.07	2,205.83	3.07
Harduaganj	165	300	1.58	47.29	3.66	109.75	5.23	157.04	5.23
Obra A	288	533	1.25	66.70	2.55	136.25	3.81	202.95	3.81

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost (Rs. / kWh)
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	
Obra B	1000	3955	0.71	281.26	2.40	950.54	3.11	1,231.79	3.11
Panki	210	646	1.46	94.28	4.54	292.93	6.00	387.21	6.00
Parichha	220	425	1.06	45.18	4.39	186.77	5.45	231.95	5.45
Parichha Extn.	420	2252	1.44	324.77	3.60	810.47	5.04	1,135.24	5.04
Parichha Extn. Stage II	500	3388	1.84	624.53	3.59	1,216.15	5.43	1,840.68	5.43
Harduaganj Ext.	500	3388	2.01	681.17	2.83	959.07	4.84	1,640.24	4.84
Anpara D	1000	6192	1.66	1,027.31	1.77	1,094.08	3.43	2,121.39	3.43
Total	5933	32126	1.33	4,282.72	2.48	7,975.92	3.82	12,258.63	3.82

DETAILS OF POWER PURCHASE COST FROM UPJVNL STATIONS FOR FY 2016-17

Source of Power	MW Available	MU	Total Cost	
			(Rs. / kWh)	(Rs. Cr.)
Khara	58	151	0.78	11.79
Matatila	20	53	0.70	3.70
Obra (Hydel)	99	260	0.68	17.73
Rihand	255	670	0.59	39.87
UGC Power Stations	14	36	2.30	8.29
Belka & Babail	6	16	2.43	3.84
Sheetla	4	9	2.95	2.79
Total	455	1195	0.74	88.00

The assumptions considered while projecting the power purchase from the State owned thermal generating stations and Hydro stations are given below in Table below for each source respectively:

ASSUMPTIONS FOR POWER PURCHASE FROM UPRVUNL - FY 2016-17

S. No.	Particulars	Assumption
1	Power Purchase Quantum	1. Net Power Purchase Quantum is considered based on the Actual Availability for FY 2014-15 for all power stations. Further current trends in FY 2015-16 have also been considered. Additionally the fact that some of the units are under R&M and will soon be commissioning again has been duly accounted for. U#1 of Anpara D has been synchronised and is expected to be commissioned in January 2016.

S. No.	Particulars	Assumption
		2. Merit Order Despatch is Must-run for approval of quantum.
2	Fixed & Variable Charges	Fixed Charges have been considered as per the MYT Petition filed by the UPRVUNL before the Hon'ble State Commission. Additionally the improvement in norms and operation parameters along with other changes in cost parameters stipulated by the UPERC (Terms and Conditions of Generation Tariff) Regulations, 2014 have been duly considered while projecting the capacity and energy charges. Escalation in FY 2016-16 has been considered at 4% towards capacity charges. The variable charges have been considered as per the actual bills raised by UPRVUNL for the period April to September, 2015 including the bills raised for Fuel Cost Adjustment.

ASSUMPTIONS FOR POWER PURCHASE FROM UPJVNL - FY 2016-17

S. No.	Particulars	Assumption
1	Power Purchase Quantum	1. Net Power Purchase Quantum from all power stations except Belka & Babail is considered as per UPERC's MYT Tariff Order dated 20.10.2011 for UPJVNL for FY 2009-10 to 2013-14. It is pertinent to mention that UPJVNL has still not filed its MYT Petition for FY 2014-19 tariff period. 2. Net Power Purchase from Belka & Babail is taken as per the recent bills. 3. Hydro Stations are considered Must-run in Merit Order Despatch
2	Fixed & Variable Charges	The same have been considered as per the actual bills raised by UPJNL for the period April to September, 2015.

CAPACITY ALLOCATION FROM CENTRAL GENERATING STATIONS & OTHER STATIONS

Central Generating Stations (CGS) comprise of stations belonging to the National Thermal Power Corporation (NTPC), National Hydro Power Corporation Ltd. and the Nuclear Power Corporation of India Ltd. (NPCIL). At present, UPPCL has a firm share allocation for drawl of power from all stations of NTPC, NHPC and NPCIL Stations. In addition to the firm share allocation, most of these stations have unallocated power. The distribution of this unallocated power among the constituents of Northern Region is decided from time to time based on power requirement and power shortage in different States. UPPCL also gets a substantial portion of the unallocated share.

UPPCL's current Allocated share from various Central Sector Plants is projected as per NRPC circular (NRPC/ OPR/ 103/ 02/ 2015-16/9771-9794) dated 26.10.2015. In this circular UPPCL's total share includes the allocated share from unallocated power also.

The variable (Primary & Secondary fuel) costs of Central Sector plants and other plants have been taken from the energy bills for the month upto September, 2015 and are inclusive of FPA. All variable costs have been escalated by 4% for FY 2016-17.

The cost of power procurement for FY 2016-17 from these sources has been based on:

- Provisional power purchase cost and units of FY 2014-15
- Trend observed in the previous and current year
- Impact of loss reduction initiatives.
- Estimated growth in sales.
- Share of expected capacity available from various Generators to the Licensee.

The cost of energy from Central Sector stations has been derived from tariffs approved (wherever applicable) by Central Electricity Regulatory Commission. It is pertinent to mention that the final orders for 2014-19 tariff period is yet to be finalised by the CERC. In such cases, the Petitioner has referred to the last approved tariff orders by CERC. The cost of power purchase from IPPs within the State has been determined in accordance with UPERC (Terms and Conditions of Generation Tariff) Regulations, 2014 and recently issued orders by the Hon'ble Commission such as in the case of Lanco Anpara and Lalitpur TPP. Similarly, the cost of power purchase from IPPs outside the State has been derived from tariffs and power purchase agreement approved by the Commission. The cost of energy from other sources has been derived from the power purchase / banking / trading agreements and tariffs approved by the Central / Appropriate Commissions. Further, wherever the Tariff Orders for FY 2016-17 have not been issued, the base year tariffs i.e., for FY 2014-15 have been escalated by 4% in case of fixed charges (only on O&M Expenses), 6.00% in case of variable charges and 4% for gas based stations.

The power purchased from NTPC generating stations for FY 2016-17 is provided in table given below:

DETAILS OF POWER PURCHASE COST FROM NTPC STATIONS FOR FY 2016-17

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Anta	119	626	0.73	45.95	4.62	289.39	5.36	335.34	5.36
Auriya	243	1279	0.55	70.92	5.03	643.12	5.58	714.04	5.58
Dadri Thermal	84	613	0.86	52.49	4.13	252.96	4.98	305.45	4.98
Dadri Gas	271	1427	0.57	81.06	4.56	650.58	5.13	731.63	5.13
Dadri Extension	148	1055	1.61	170.36	3.68	388.27	5.29	558.63	5.29

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Rihand-I	372	2697	0.81	219.65	2.08	560.15	2.89	779.80	2.89
Rihand-II	346	2791	0.95	263.86	1.95	542.99	2.89	806.85	2.89
Singrauli	846	6687	0.54	360.97	1.33	890.82	1.87	1,251.79	1.87
Tanda	440	3255	1.05	342.56	3.69	1,201.23	4.74	1,543.79	4.74
Unchahar-I	257	2009	0.86	173.75	2.93	588.84	3.80	762.59	3.80
Unchahar-II	152	1166	0.89	104.27	2.90	338.28	3.80	442.56	3.80
Unchahar-III	74	577	1.37	79.07	2.43	139.95	3.80	219.02	3.80
Farakka	33	202	0.85	17.25	2.86	57.66	3.71	74.90	3.71
Kahalgaon St. I	77	552	0.96	52.74	2.61	144.04	3.57	196.78	3.57
Kahalgaon St. II Ph.I	251	1807	1.22	220.76	2.35	423.84	3.57	644.60	3.57
Koldam (Hydro)	95	361	1.56	56.29	2.41	87.06	3.97	143.36	3.97
Rihand-III	375	1980	1.32	261.38	1.57	311.02	2.89	572.40	2.89
Total	4184	29083		2,573.32		7,510.21		10,083.53	3.47

The assumptions considered while projecting the power purchase from the NTPC generating stations is given in Table below:

ASSUMPTIONS OF POWER PURCHASE FROM NTPC - FY 2016-17

S. No.	Particulars	Assumption
1	Power Purchase Quantum	Net Power Purchase Quantum is derived as a product of respective power plants MW capacity, plant load factor (PLF) and UP state's share in respective power plant. Further the quantum is approved as per Merit order despatch principles. We have also referred to the actual plant load factor of such stations for the last 3 years while projecting the PLF for the current year and ensuing year.
2	Fixed Charges	Fixed charges are computed after considering UP state's allocated share in respective power plant as per Regional Energy Accounting Report and Annual Report of NRPC and ERPC and fixed cost approved as per CERC order for respective power plants.
3	Variable Charges	Variable cost is considered as per the recent energy bills raised for the period April to September, 2015

METHODOLOGY FOR POWER PURCHASE FROM NTPC - FY 2016-17

S. No.	Particulars	Assumption
1	Plant Load Factor	PLF is considered to be the average of the PLF recorded at respective power stations for the last three year's (2012-13, 2013-14 and 2014-15). The PLF number for the three years is sourced from Regional Energy Accounting Report and Annual Report of NRPC and ERPC.
2	UP State's Share in power plants	Allocation of Power from various central generating stations for FY 2015-16 and 2016-17 both firm and unallocated quota has been considered as per the NRPC circular (NRPC/ OPR/ 103/ 02/ 2015-16/9771-9794) dated 26.10.2015.

The summary of power purchased from NHPC generating stations for FY 2016-17 is provided in table given below:

DETAILS OF POWER PURCHASE COST FROM NHPC STATIONS FOR FY 2016-17

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Chamera	109	336	0.60	20.28	0.85	28.58	1.46	48.86	1.46
Chamera-II	86	392	1.34	52.31	1.04	40.56	2.37	92.87	2.37
Chamera-III	62	282	1.81	50.97	1.86	52.53	3.67	103.50	3.67
Dhauliganga	75	281	1.10	31.04	1.27	35.60	2.37	66.64	2.37
Salal I&II	48	252	0.60	15.20	0.38	9.50	0.98	24.70	0.98
Tanakpur	21	103	1.70	17.47	1.22	12.50	2.92	29.97	2.92
Uri	96	497	1.05	51.95	0.89	44.42	1.94	96.38	1.94
Dulhasti	111	516	2.82	145.50	2.30	118.44	5.12	263.94	5.12
Sewa-II	35	136	1.89	25.77	1.81	24.62	3.70	50.39	3.70
Uri-II	25	111	4.98	55.11	0.45	4.98	5.43	60.08	5.43
Parbati ST-II	160	0	-	-	-	-	-	-	-
Parbati ST-III	104	383	1.41	53.98	3.74	143.07	5.15	197.05	5.15
Total	933	3287		519.58		514.80		1,034.38	3.15

The assumptions considered while projecting the power purchase from the NHPC generating stations is given in table below:

ASSUMPTIONS FOR POWER PURCHASE FROM NHPC - FY 2016-17

S. No.	Particulars	Assumption
1	Power Purchase	Net Power Purchase Quantum is derived as a product of

S. No.	Particulars	Assumption
	Quantum	respective power plants MW capacity, plant load factor (PLF) and UP State's share in respective power plant. Power sourced from these NHPC plants is considered Must-run in Merit Order Despatch.
3	Fixed Charges	Fixed charges are computed after considering UP state's allocated share in respective power plant as per Regional Energy Accounting Report and Annual Report of NRPC and fixed cost approved by as per CERC order for respective power plants.
4	Variable Charges	Variable cost is considered as per the recent energy bills raised for the period April to September, 2015

METHODOLOGY FOR POWER PURCHASE FROM NHPC - FY 2016-17

S. No.	Particulars	Assumption
1	Energy Generation	Factoring the MW capacity, auxiliary consumption and design energy as specified by CERC for respective hydro plants the Licensee has calculated the energy sourced from each of the plant.
2	UP State's share in power plants	Allocation of Power from various central generating stations for FY 2015-16 and 2016-17 both firm and unallocated quota has been considered as per the NRPC circular (NRPC/ OPR/ 103/ 02/ 2015-16/9771-9794) dated 26.10.2015.

The summary of power purchased from NPCIL generating stations for FY 2016-17 is provided in table given below:

DETAILS OF POWER PURCHASE COST FROM NPCIL STATIONS FOR FY 2016-17

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
NAPP	166	935	-	-	2.59	242.17	2.59	242.17	2.59
RAPP #3&4	80	604	-	-	3.08	185.95	3.08	185.95	3.08
RAPP#5&6	115	799	-	-	3.67	293.43	3.67	293.43	3.67
Total	361	2339				721.55		721.55	3.09

The assumptions considered while projecting the power purchase from the NPCIL generating stations is given in table below:

ASSUMPTIONS FOR POWER PURCHASE FROM NPCIL - FY 2016-17

S. No.	Particulars	Assumption
1	Power Purchase Quantum	Net Power Purchase Quantum is derived as a product of respective power plants MW capacity, capacity factor and UP state's share in respective power plant. Power sourced from these NPCIL plants is considered Must-run in Merit Order Dispatch.
2	Tariff (Single part)	Variable cost is considered as per the recent energy bills raised for the period April to September, 2015

METHODOLOGY FOR POWER PURCHASE FROM NPCIL - FY 2016-17

S. No.	Particulars	Assumption
1	Capacity Factor	Capacity factor is considered to be the average of the capacity factor recorded at respective power stations for the last three year's (2012-13, 2013-14 and 2014-15). Capacity factors are sourced from official website of NPCIL.
2	UP State's Share in power plants	Allocation of Power from various central generating stations for FY 2015-16 and 2016-17 both firm and unallocated quota has been considered as per the NRPC circular (NRPC/ OPR/ 103/ 02/ 2015-16/9771-9794) dated 26.10.2015.

The summary of total power purchased from IPPs and Joint Ventures (JVs) for FY 2016-17 is provided in table given below:

DETAILS OF POWER PURCHASE COST FROM IPPS / JVs FOR FY 2016-17

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
NATHPA JHAKRI HPS	287	1383	1.60	221.43	1.51	208.85	3.11	430.28	3.11
TALA POWER	45	181	-	-	2.22	40.15	2.22	40.15	2.22
Koteshwar	173	569	2.02	114.76	1.87	106.53	3.89	221.29	3.89
Srinagar	290	519	-	-	4.16	215.75	4.16	215.75	4.16
Sasan	495	2081	0.27	55.81	1.20	248.87	1.46	304.68	1.46
Case-1	2175	10186	2.19	2,227.21	1.52	1,552.96	3.71	3,780.18	3.71

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Karcham-Wangtoo	200	158	-	-	3.12	49.20	3.12	49.20	3.12
VISHNUPRAYAG	352	1623	0.92	149.01	1.30	211.74	2.22	360.75	2.22
TEHRI STAGE-I	418	1809	1.88	339.75	3.56	644.32	5.44	984.07	5.44
Rosa Power Project	600	3946	1.75	689.24	3.72	1,469.15	5.47	2,158.39	5.47
Rosa Power Project	600	3946	1.75	689.24	3.75	1,481.46	5.50	2,170.70	5.50
Bara	1782	7395	1.18	873.91	3.14	2,322.74	4.32	3,196.66	4.32
Anpara 'C'	1100	7015	1.77	1,240.75	2.58	1,809.31	4.35	3,050.06	4.35
IGSTPP, Jhajhjar	51	354	1.61	56.95	4.36	154.48	5.97	211.43	5.97
Bajaj Hindusthan	450	2807	2.25	631.53	4.57	1,281.43	6.82	1,912.96	6.82
Lalitpur	1782	10108	1.88	1,900.24	2.95	2,981.77	4.83	4,882.01	4.83
Total	10799	54080		9190		14779		23969	4.43

The assumptions considered while projecting the power purchase from IPP's and Joint Ventures (JV's) is given in table below:

ASSUMPTIONS FOR POWER PURCHASE FROM IPPS / JVs - FY 2016-17

S. No.	Particulars	Assumption
1	Power Purchase Quantum	Net Power Purchase Quantum is derived as a product of respective power plants MW capacity, capacity factor and UP state's share in respective power plant.
2	Tariff (Single part & Two part)	Variable cost is considered as per the recent energy bills raised for the period April to September, 2014

In respect of Lalitpur TPP, the capacity and energy charges have been considered as per the UPERC Order dated 27.11.2015 in Petition No. 975/2014 and 2017/2015 in respect of approval of capital cost and fixation of provisional tariff.

Further, in consideration of the UPERC Order dated 23.11.2015 in Petition No. 871 and 891 of 2013 of Lanco Anpara, an amount of Rs. 499.58 crore has to be paid by UPPCL in 12 equal monthly instalments starting January 2016. The Hon'ble Commission has also allowed compensatory tariff for sustainability of the project @ Rs. 0.226/kWh. Accordingly, the Petitioner has made such provisions in the projected power purchase from Lanco Anpara in FY 2015-16 and 2016-17.

The Petitioner has signed PPAs under Case-1 bidding from various generators and traders such as PTC India Limited (TRN Energy & MB Power), Lanco Babandh, KSK Energy. The scheduled date of supply is 1.10.2016. However, early supply from PTC India (MB Power) and KSK Energy-200 MW has already commenced from August and October 2015 respectively. Accordingly, the projected power purchase from such generators have been projected at the yearly tariff streams quoted by such generators in the Case-1 bids.

The summary of power purchased from Co-generating stations for FY 2016-17 is provided in table given below:

POWER PURCHASE COST: STATE CO-GENERATION FACILITIES FOR FY 2016-17

Source of Power	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
		(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Captive and Cogen	2865			4.79	1,373.60	4.79	1,373.60	4.79

The summary of power purchase from bilateral and other sources for FY 2016-17 is provided in the given below:

POWER PURCHASE COST: OTHER SOURCES FY 2016-17

Source of Power	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
		(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Inter system exchange (Bilateral & PXIL) / UI	217			5.30	114.98	5.30	114.98	5.30
Solar Energy	84			10.76	90.42	10.76	90.42	10.76
NVVN Coal Power	352			3.26	114.46	3.26	114.46	3.26
Total	653			4.90	320	4.90	320	4.90

SUMMARY OF POWER PURCHASE

The total power purchase quantum available in megawatt (MW) terms from State owned generating stations, central generating stations and other sources along with the quantum and cost for FY 2015-16 and FY 2016-17 is presented in the table below:

SUMMARY OF POWER PURCHASE COST FY 2015-16

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Procurement of power from State Sector Generating Stations									
Thermal Stations									
Anpara A	630	3,862	0.72	277	2.04	786	2.75	1,064	2.75
Anpara B	1,000	7,213	1.09	786	1.88	1,354	2.97	2,140	2.97
Harduaganj	165	301	1.52	46	3.52	106	5.03	151	5.03
Obra A	288	535	1.21	65	2.46	131	3.67	196	3.67
Obra B	1,000	3,966	0.69	272	2.31	916	3.00	1,189	3.00
Panki	210	647	1.41	91	4.36	282	5.77	374	5.77
Parichha	220	427	1.04	44	4.22	180	5.26	225	5.26
Parichha Extn.	420	2,258	1.44	325	3.46	781	4.90	1,106	4.90
Parichha Extn. Stage II	500	3,397	1.85	630	3.45	1,173	5.30	1,802	5.30
Harduaganj Ext.	500	3,397	2.02	688	2.72	925	4.75	1,612	4.75
Anpara D	1,000	823	1.51	124	1.70	140	3.21	264	3.21
Sub total - Thermal	5933	26828		3348		6775		10124	3.77
Per unit Avg Rate of Thermal Generation								3.77	
Hydro Stations									
Khara	58	151	0.75	11			0.75	11	0.75
Matatila	20	53	0.68	4			0.68	4	0.68
Obra (Hydel)	99	260	0.66	17			0.66	17	0.66
Rihand	255	670	0.57	38			0.57	38	0.57
UGC Power Stations	14	36	2.22	8			2.22	8	2.22
Belka & Babail	6	16	2.34	4			2.34	4	2.34
Sheetla	4	9	2.84	3			2.84	3	2.84
Sub total - Hydro	455	1195		84.62		0.00		84.62	0.71
Purchase Per unit Avg Rate from hydro generating stations								0.71	
Sub-Total Own generation	6388	28023		3,433.06		6,775.17		10,208.22	3.64
Procurement of power from Central Sector Generating Stations									

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost (Rs. / kWh)
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	
Anta	119	626	0.71	44	4.44	278	5.15	322	5.15
Auriya	243	1,279	0.53	68	4.84	618	5.37	687	5.37
Dadri Thermal	84	613	0.82	50	3.97	243	4.79	294	4.79
Dadri Gas	271	1,427	0.55	78	4.38	626	4.93	703	4.93
Dadri Extension	148	1,055	1.55	164	3.54	373	5.09	537	5.09
Rihand-I	372	2,697	0.78	211	2.00	539	2.78	750	2.78
Rihand-II	346	2,791	0.91	254	1.87	522	2.78	776	2.78
Singrauli	846	6,687	0.52	347	1.28	857	1.80	1,204	1.80
Tanda	440	3,255	1.01	329	3.55	1,155	4.56	1,484	4.56
Unchahar-I	257	2,009	0.83	167	2.82	566	3.65	733	3.65
Unchahar-II	152	1,166	0.86	100	2.79	325	3.65	426	3.65
Unchahar-III	74	577	1.32	76	2.33	135	3.65	211	3.65
Farakka	33	202	0.82	17	2.75	55	3.57	72	3.57
Kahalgaon St. I	77	552	0.92	51	2.51	139	3.43	189	3.43
Kahalgaon St. II Ph. I	251	1,807	1.17	212	2.26	408	3.43	620	3.43
Koldam (Hydro)	204	780	1.56	122	2.32	181	3.88	303	3.88
Rihand-III	375	1,980	1.27	251	1.51	299	2.78	550	2.78
Sub-Total NTPC	4294	29503		2,541.98		7,318.71		9,860.69	3.34
Chamera	109	336	0.58	20	0.82	27	1.40	47	1.40
Chamera-II	86	392	1.28	50	1.00	39	2.28	89	2.28
Chamera-III	62	282	1.74	49	1.86	53	3.60	102	3.60
Dhauliganga	75	281	1.10	31	1.27	36	2.37	67	2.37
Salal I&II	48	252	0.60	15	0.38	9	0.98	25	0.98
Tanakpur	21	103	1.70	17	1.22	12	2.92	30	2.92
Uri	96	497	1.05	52	0.89	44	1.94	96	1.94
Dulhasti	111	516	2.82	145	2.30	118	5.12	264	5.12
Sewa-II	35	136	1.89	26	1.81	25	3.70	50	3.70
Uri-II	51	221	2.49	55	0.45	10	2.94	65	2.94
Parbati ST-III	140	514	1.05	54	3.74	192	4.79	246	4.79
Sub-Total NHPC	834	3529		514.82		566.10		1,080.92	3.06
NAPP	166	1025	0	0	2.49	255	2.49	255	2.49
RAPP #3&4	80	671	0	0	2.96	199	2.96	199	2.96
RAPP#5&6	115	885	0	0	3.53	312	3.53	312	3.53
Sub-Total NPCIL	361	2581				766.33		766.33	2.97
NATHPA JHAKRI	287	2,012	1.06	213	1.45	292	2.51	505	2.51

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost (Rs. / kWh)
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	
TALA POWER	45	181	-	-	2.13	39	2.13	39	2.13
Koteshwar	173	569	1.94	110	1.80	102	3.74	213	3.74
Srinagar	290	1,776	-	-	4.00	710	4.00	710	4.00
Sasan	495	3,469	0.15	54	1.15	399	1.30	452	1.30
Case-1	561	2,431	2.33	565	1.71	415	4.03	980	4.03
Karcham-Wangtoo	200	158	-	-	3.00	47	3.00	47	3.00
VISHNUPRAYAG	352	2,450	0.58	143	1.25	307	1.84	451	1.84
TEHRI STAGE-I	418	2,171	1.51	327	3.42	743	4.93	1,070	4.93
Rosa Power Project	600	4,066	1.73	704	3.58	1,455	5.31	2,160	5.31
Rosa Power Project	600	4,066	1.73	704	3.61	1,468	5.34	2,172	5.34
Bara	1,782	2,126	1.17	249	1.85	394	3.02	642	3.02
Anpara 'C'	1,100	7,015	1.36	957	2.48	1,740	3.84	2,697	3.84
IGSTPP, Jhajhjar	51	212	2.59	55	4.19	89	6.78	144	6.78
Bajaj Hindusthan	450	2,807	2.25	632	4.39	1,232	6.64	1,864	6.64
Lalitpur	1,980	2,848	1.88	535	2.95	840	4.83	1,375	4.83
Sub-Total IPP/JV	9383	38354		5248		10273		15521	4.04666
Captive and Cogen	-	2,865	-	-	4.61	1,321	4.61	1,321	4.61
Inter system exchange (Bilateral & PXIL, IEX) / UI	-	4,940	-	-	5.00	2,470	5.00	2,470	5.00
Solar Energy	-	84	-	-	10.35	87	10.35	87	10.35
NVVN Coal Power	-	352	-	-	3.13	110	3.13	110	3.13
Sub-Total : Co-Generation & Other Sources	-	8241				3,987.97		3,987.97	4.84
Grand Total of Power Purchase	21259	110231		11,737.79		29,687.0		41,424.82	3.76

SUMMARY OF POWER PURCHASE COST FY 2016-17

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Procurement of power from State Sector Generating Stations									
Thermal Stations									
Anpara A	630	3,852	0.75	289	2.12	816	2.87	1,104	2.87
Anpara B	1,000	7,194	1.11	801	1.95	1,404	3.07	2,206	3.07
Harduaganj	165	300	1.58	47	3.66	110	5.23	157	5.23
Obra A	288	533	1.25	67	2.55	136	3.81	203	3.81
Obra B	1,000	3,955	0.71	281	2.40	951	3.11	1,232	3.11
Panki	210	646	1.46	94	4.54	293	6.00	387	6.00
Parichha	220	425	1.06	45	4.39	187	5.45	232	5.45
Parichha Extn.	420	2,252	1.44	325	3.60	810	5.04	1,135	5.04
Parichha Extn. Stage II	500	3,388	1.84	625	3.59	1,216	5.43	1,841	5.43
Harduaganj Ext.	500	3,388	2.01	681	2.83	959	4.84	1,640	4.84
Anpara D	1,000	6,192	1.66	1,027	1.77	1,094	3.43	2,121	3.43
Sub total - Thermal	5933	32126		4283		7976		12259	3.82
Per unit Avg Rate of Thermal Generation								3.82	
Hydro Stations									
Khara	58	151	0.78	12			0.78	12	0.78
Matatila	20	53	0.70	4			0.70	4	0.70
Obra (Hydel)	99	260	0.68	18			0.68	18	0.68
Rihand	255	670	0.59	40			0.59	40	0.59
UGC Power Stations	14	36	2.30	8			2.30	8	2.30
Belka & Babail	6	16	2.43	4			2.43	4	2.43
Sheetla	4	9	2.95	3			2.95	3	2.95
Sub total - Hydro	455	1195		88.00		0.00		88.00	0.74
Purchase Per unit Avg Rate from hydro generating stations								0.74	
Sub-Total Own generation	6388	33321		4,370.72		7,975.92		12,346.64	3.71
Procurement of power from Central Sector Generating Stations									
Anta	119	626	0.73	46	4.62	289	5.36	335	5.36
Auriya	243	1,279	0.55	71	5.03	643	5.58	714	5.58
Dadri Thermal	84	613	0.86	52	4.13	253	4.98	305	4.98
Dadri Gas	271	1,427	0.57	81	4.56	651	5.13	732	5.13

Annual Revenue Requirement Petition of PVVNL for FY 2016-17 and True-Up for FY 2013-14

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Dadri Extension	148	1,055	1.61	170	3.68	388	5.29	559	5.29
Rihand-I	372	2,697	0.81	220	2.08	560	2.89	780	2.89
Rihand-II	346	2,791	0.95	264	1.95	543	2.89	807	2.89
Singrauli	846	6,687	0.54	361	1.33	891	1.87	1,252	1.87
Tanda	440	3,255	1.05	343	3.69	1,201	4.74	1,544	4.74
Unchahar-I	257	2,009	0.86	174	2.93	589	3.80	763	3.80
Unchahar-II	152	1,166	0.89	104	2.90	338	3.80	443	3.80
Unchahar-III	74	577	1.37	79	2.43	140	3.80	219	3.80
Farakka	33	202	0.85	17	2.86	58	3.71	75	3.71
Kahalgaon St. I	77	552	0.96	53	2.61	144	3.57	197	3.57
Kahalgaon St. II Ph.I	251	1,807	1.22	221	2.35	424	3.57	645	3.57
Koldam (Hydro)	95	361	1.56	56	2.41	87	3.97	143	3.97
Rihand-III	375	1,980	1.32	261	1.57	311	2.89	572	2.89
Sub-Total NTPC	4184	29083		2573		7510		10084	3.47
Chamera	109	336	0.60	20	0.85	29	1.46	49	1.46
Chamera-II	86	392	1.34	52	1.04	41	2.37	93	2.37
Chamera-III	62	282	1.81	51	1.86	53	3.67	103	3.67
Dhauliganga	75	281	1.10	31	1.27	36	2.37	67	2.37
Salal I&II	48	252	0.60	15	0.38	9	0.98	25	0.98
Tanakpur	21	103	1.70	17	1.22	13	2.92	30	2.92
Uri	96	497	1.05	52	0.89	44	1.94	96	1.94
Dulhasti	111	516	2.82	145	2.30	118	5.12	264	5.12
Sewa-II	35	136	1.89	26	1.81	25	3.70	50	3.70
Uri-II	25	111	4.98	55	0.45	5	5.43	60	5.43
Parbati ST-III	104	383	1.41	54	3.74	143	5.15	197	5.15
Sub-Total NHPC	773	3287		519.58		514.80		1,034.38	3.15
NAPP	166	935	-	-	2.59	242	2.59	242	2.59
RAPP #3&4	80	604	-	-	3.08	186	3.08	186	3.08
RAPP#5&6	115	799	-	-	3.67	293	3.67	293	3.67
Sub-Total NPCIL	361	2339				721.55		721.55	3.09
NATHPA JHAKRI	287	1,383	1.60	221	1.51	209	3.11	430	3.11
TALA POWER	45	181	-	-	2.22	40	2.22	40	2.22
Koteshwar	173	569	2.02	115	1.87	107	3.89	221	3.89
Srinagar	290	519	-	-	4.16	216	4.16	216	4.16
Sasan	495	2,081	0.27	56	1.20	249	1.46	305	1.46

Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Case-1	2,175	10,186	2.19	2,227	1.52	1,553	3.71	3,780	3.71
Karcham-Wangtoo	200	158	-	-	3.12	49	3.12	49	3.12
VISHNUPRAYAG	352	1,623	0.92	149	1.30	212	2.22	361	2.22
TEHRI STAGE-I	418	1,809	1.88	340	3.56	644	5.44	984	5.44
Rosa Power Project	600	3,946	1.75	689	3.72	1,469	5.47	2,158	5.47
Rosa Power Project	600	3,946	1.75	689	3.75	1,481	5.50	2,171	5.50
Bara	1,782	7,395	1.18	874	3.14	2,323	4.32	3,197	4.32
Anpara 'C'	1,100	7,015	1.77	1,241	2.58	1,809	4.35	3,050	4.35
IGSTPP, Jhajhjar	51	354	1.61	57	4.36	154	5.97	211	5.97
Bajaj Hindusthan	450	2,807	2.25	632	4.57	1,281	6.82	1,913	6.82
Lalitpur	1,782	10,108	1.88	1,900	2.95	2,982	4.83	4,882	4.83
Sub-Total IPP/JV	10799	54080		9190		14779		23969	4.43
Captive and Cogen	-	2,865	-	-	4.79	1,374	4.79	1,374	4.79
Inter system exchange (Bilateral & PXIL, IEX) / UI	-	217	-	-	5.30	115	5.30	115	5.30
Solar Energy	-	84	-	-	10.76	90	10.76	90	10.76
NVVN Coal Power	-	352	-	-	3.26	114	3.26	114	3.26
Sub-Total : Co-Generation & Other Sources	-	3518				1,693.45		1,693.45	4.81
Grand Total of Power Purchase	22505	125627		16,653.47		33,194.7		49,848.13	3.97

MERIT ORDER DISPATCH

Merit Order Dispatch after evaluating the power purchase cost is given in the table below:

MERIT ORDER DISPATCH FY 2016-17

S.No.	Source of Power	Type	Dispatch Mode	Variable Charge (Rs / kWh)	Power Procurement (MU)	Cumulative Procurement (MU)
1	Khara	UPJVNL-Hydro	Must Run	0.00	151	151
2	Matatila	UPJVNL-Hydro	Must Run	0.00	53	204
3	Obra (Hydel)	UPJVNL-Hydro	Must Run	0.00	260	464
4	Rihand	UPJVNL-Hydro	Must Run	0.00	670	1134
5	UGC Power Stations	UPJVNL-Hydro	Must Run	0.00	36	1170
6	Belka & Babail	UPJVNL-Hydro	Must Run	0.00	16	1186
7	Sheetla	UPJVNL-Hydro	Must Run	0.00	9	1195
8	Salal I&II	NHPC	Must Run	0.38	252	1448
9	Uri-II	NHPC	Must Run	0.45	111	1558
10	Chamera	NHPC	Must Run	0.85	336	1894
11	Uri	NHPC	Must Run	0.89	497	2391
12	Chamera-II	NHPC	Must Run	1.04	392	2782
14	Sasan	IPP/JV/Others	Merit	1.20	2081	4864
13	Tanakpur	NHPC	Must Run	1.22	103	4966
15	Dhauliganga	NHPC	Must Run	1.27	281	5248
16	VISHNUPRAYAG	IPP/JV/Others	Must Run	1.30	1623	6870
17	Singrauli	NTPC	Merit	1.33	6687	13557
18	NATHPA JHAKRI HPS	IPP/JV/Others	Must Run	1.51	1383	14941
68	Case-1	IPP/JV/Others	Merit	1.52	10186.13	25127
19	Rihand-III	NTPC	Merit	1.57	1980	27106
20	Anpara D	UPRVNL-Thermal	Merit	1.77	6192	33299
21	Sewa-II	NHPC	Must Run	1.81	136	33435
22	Chamera-III	NHPC	Must Run	1.86	282	33717
23	Koteshwar	IPP/JV/Others	Merit	1.87	569	34286
24	Rihand-II	NTPC	Merit	1.95	2791	37077
25	Anpara B	UPRVNL-Thermal	Merit	1.95	7194	44270
26	Rihand-I	NTPC	Merit	2.08	2697	46967
27	Anpara A	UPRVNL-Thermal	Merit	2.12	3852	50819
28	TALA POWER	IPP/JV/Others	Must Run	2.22	181	51001
29	Dulhasti	NHPC	Must Run	2.30	516	51516
30	Kahalgaon St.II Ph.I	NTPC	Merit	2.35	1807	53323
31	Obra B	UPRVNL-Thermal	Merit	2.40	3955	57278
32	Koldam (Hydro)	NTPC	Merit	2.41	361	57639
33	Unchahar-III	NTPC	Merit	2.43	577	58216

Annual Revenue Requirement Petition of PUVNL for FY 2016-17 and True-Up for FY 2013-14

S.No.	Source of Power	Type	Dispatch Mode	Variable Charge (Rs / kWh)	Power Procurement (MU)	Cumulative Procurement (MU)
34	Obra A	UPRVNL-Thermal	Merit	2.55	533	58749
35	Anpara 'C'	IPP/JV/Others	Merit	2.58	7015	65764
36	NAPP	NPCIL	Merit	2.59	935	66700
37	Kahalgaoon St. I	NTPC	Merit	2.61	552	67251
38	Harduaganj Ext.	UPRVNL-Thermal	Merit	2.83	3388	70639
39	Farakka	NTPC	Merit	2.86	202	70841
40	Unchahar-II	NTPC	Merit	2.90	1166	72007
41	Unchahar-I	NTPC	Merit	2.93	2009	74016
46	Lalitpur	IPP/JV/Others	Merit	2.95	10108	84123
42	RAPP #3&4	NPCIL	Merit	3.08	604	84727
43	Karcham-Wangtoo	IPP/JV/Others	Must Run	3.12	158	84885
44	Bara	IPP/JV/Others	Merit	3.14	7395	92280
45	NVVN Coal Power	IPP/JV/Others	Merit	3.26	352	92632
47	TEHRI STAGE-I	IPP/JV/Others	Must Run	3.56	1809	94441
48	Parichha Extn. Stage II	UPRVNL-Thermal	Merit	3.59	3388	97829
49	Parichha Extn.	UPRVNL-Thermal	Merit	3.60	2252	100081
50	Harduaganj	UPRVNL-Thermal	Merit	3.66	300	100381
52	RAPP#5&6	NPCIL	Merit	3.67	799	101181
53	Dadri Extension	NTPC	Merit	3.68	1055	102236
54	Tanda	NTPC	Merit	3.69	3255	105491
55	Rosa Power Project	IPP/JV/Others	Merit	3.72	3946	109437
51	Parbati ST-III	NHPC	Must Run	3.74	383	109820
56	Rosa Power Project	IPP/JV/Others	Merit	3.75	3946	113766
57	Dadri Thermal	NTPC	Merit	4.13	613	114379
58	Srinagar	IPP/JV/Others	Merit	4.16	519	114897
59	IGSTPP, Jhajhjar	IPP/JV/Others	Merit	4.36	354	115252
60	Parichha	UPRVNL-Thermal	Merit	4.39	425	115677
61	Panki	UPRVNL-Thermal	Merit	4.54	646	116323
62	Dadri Gas	NTPC	Merit	4.56	1427	117750
63	Bajaj Hindusthan	IPP/JV/Others	Merit	4.57	2807	120556
64	Anta	NTPC	Merit	4.62	626	121183
65	Captive and Cogen	IPP/JV/Others	Merit / Must Run	4.79	2865	124048
66	Auraiya	NTPC	Merit	5.03	1279	125326
67	Inter system exchange (Bilateral & PXIL, IEX) / UI	IPP/JV/Others	Merit	5.30	217	125543
69	Solar Energy	IPP/JV/Others	Must Run	10.76	84.00	125627

SUMMARY OF MONTHLY POWER PURCHASE FOR FY 2016-17

The summary of monthly power purchase at UPPCL level along with the allocation of the same among all the Discoms is shown in the table below:


Particulars	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Total
Total Monthly Power Purchase Required	10,955	12,040	12,003	12,019	12,126	10,160	10,104	9,023	9,382	9,581	8,424	9,812	1,25,627
Allocation of Approved Power Purchase (MU) among Discoms													
DVVNL	2,556	2,809	2,801	2,804	2,830	2,371	2,358	2,105	2,189	2,236	1,966	2,290	29,315
MVVNL	1,981	2,177	2,171	2,174	2,193	1,837	1,827	1,632	1,697	1,733	1,523	1,774	22,720
PVNNL	3,147	3,458	3,448	3,452	3,483	2,918	2,902	2,592	2,695	2,752	2,420	2,818	36,084
PuVVNL	2,884	3,170	3,160	3,164	3,192	2,675	2,660	2,375	2,470	2,522	2,218	2,583	33,072
KESCO	387	425	424	424	428	359	357	319	331	338	297	346	4,436

परिशिष्टांक संश्लेषण (वार्षिक)
 परिशिष्टांक संश्लेषण विवरण निम्न सि०
 विस्तारिता पार्क, मेरठ

**ANNUAL REVENUE REQUIREMENT PETITION
FOR FY 2016-17**

**ANNEXURE - 1
TARIFF FILING FORMATS**

NAME OF DISTRIBUTION LICENSEE: PASCHIMANCHAL VIDYUT VITRAN NIGAM LIMITED			Annexure-1
FORMATS FOR ARR & TARIFF FILING BY DISTRIBUTION LICENSEES			
Summary Formats			
1	Sheet	S1	Profit & Loss Account
2	Sheet	S2	Balance Sheet
3	Sheet	S3	Cash flow statement
4	Sheet	S4	Annual Revenue Requirement
5	Sheet	S5	Information about equity and loan
6	Sheet	S6	Information about Working Capital
7	Sheet	S7	Reasonable Return
8	Sheet	S8	Energy Balance
9	Sheet	S9	Truing Up of past account
Financial Formats			
10	Sheet	F1 (a1)	Projected Consumer Numbers, Connected Load & Total Sale :FY 2014-15
11	Sheet	F1 (a2)	Projected Consumer Numbers, Connected Load & Total Sale :FY 2015-16
12	Sheet	F1 (a3)	Projected Consumer Numbers, Connected Load & Total Sale :FY 2016-17
13	Sheet	F2	Revenue Grants & subsidies
14	Sheet	F3	Other income
15	Sheet	F4	Summary of Own Generation & Power Purchase
16	Sheet	F4a	Power purchase Details
17	Sheet	F4b	Intra State Transmission (TRANSCO) Charges
18	Sheet	F5	R&M Expenses
19	Sheet	F6a	Employees' Cost & Provisions
20	Sheet	F7	Administration & General Expenses
21	Sheet	F8	Statement of Fixed Assets and Depreciation
22	Sheet	F9	Interest & Finance charges
23	Sheet	F9a	Domestic loans, bonds and financial leasing
24	Sheet	F10	Details of Expenses Capitalised
25	Sheet	F11	Other Debits
26	Sheet	F12	Statement of Sundry Debtors & provision for bad & doubtful debtors
27	Sheet	F13	Extraordinary Items
28	Sheet	F14	Net Prior Period Expenses/Income
29	Sheet	F15	Contribution Grants & subsidies towards Capital assets
30	Sheet	F17	Statements of assets not in use
31	Sheet	F18	Investments
32	Sheet	F19	Current Assets and Liabilities
33	Sheet	Additional Form	Capital Investment Plan for FY 2014-15 & FY 2015-16
34	Sheet	Additional Form	Capital Formation During FY 2013-14 to FY 2016-17
35	Sheet	T3	Revenue Assesment, Sales & Through Rate :FY 2015-16
36	Sheet	T4	Revenue Assesment, Sales & Through Rate :FY 2016-17


 आदेशिका अधिवक्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Profit & Loss Account					Form ST	
S.No	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
A	Revenue					
1	Revenue from sale of power	9025.95	9025.95	9871.54	12942.15	15303.76
2	Other Non-tariff income	14.15	14.15	20.14	20.95	21.14
3	Revenue subsidies & grants	1546.79	1546.79	1788.65	1603.73	1549.97
4	Revenue from Bulk Sales to Torrent Power Ltd	0.00	0.00	0.00	0.00	0.00
	Total Revenue or Income	10586.89	10586.89	11680.33	14566.84	16874.87
B	Expenditure*					
1	Purchase of Power from own and State Generating Stations	11374.21	10023.11	11386.36	12619.27	15179.73
2	Purchase of Power from Other Sources					
3	Intra-State Transmission Charges	505.45	465.42	404.49	516.24	661.77
4	Repairs and Maintenance	207.52	207.52	220.34	234.05	240.89
5	Employee costs	392.24	392.24	378.29	447.04	472.31
6	Administration and General expenses	79.51	79.51	154.05	93.09	104.73
7	Net prior period credit charges	159.60	159.60	80.72	0.00	0.00
8	Other Debits, Write-offs	5.31	54.64	20.17	68.50	37.31
9	Other Misc Expenses / Incomes	0.00	0.00	0.00	0.00	0.00
10	Reasonable Return	0.00	0.00	0.00	0.00	0.00
11	Less: Expenses Capitalized	(164.29)	(164.29)	(208.29)	(81.02)	(86.56)
	Contingency Reserve	0.00	0.00	0.00	0.00	0.00
C	PBDIT	(1972.66)	(630.86)	(755.79)	669.67	264.68
D	Less Depreciation and Related debits	137.33	437.12	155.48	470.42	405.56
E	PBIT	(2110.00)	(1067.98)	(911.27)	199.25	(140.88)
1	Interest & Finance Charges	1064.55	476.35	1373.08	557.66	736.79
2	Less: Interest Capitalized	(3.05)	(3.05)	0.00	(85.02)	(115.90)
F	Total Interest and Finance Charges	1061.51	473.30	1373.08	472.64	620.89
G	TOTAL EXPENDITURE	13758.39	12128.17	13964.68	14840.22	17636.64
H	Profit/Loss before Tax	(3171.51)	(1541.28)	(2284.34)	(273.39)	(761.77)
I	Add: Allocation of Interest Charges and O&M of UPPCL	0.00	48.98	51.72	48.67	49.26
J	Add: Efficiency Gains	0.00	0.00	0.00	0.00	0.00
	Operational Gap funding from GoUP			522.30		
K	Profit/Loss before Tax	(3171.51)	(1590.27)	(1813.77)	(322.06)	(811.03)

अधिकासी अक्षयन्त (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

143

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Balance Sheet					Form No: S2	
S.No	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
I. SOURCES OF FUNDS						
A) Shareholders' Funds						
a) Share Capital						
b) Reserves and Surplus						
B) Special Appropriation allowed towards Project Cost						
C) Loan Funds						
a) Short Term Borrowings						
b) Long Term Borrowings						
D) Other sources of Funds						
a) Capital contributions from consumers						
b) Consumers' Security Deposits						
c) Grants & Subsidies towards cost of capital						
TOTAL SOURCES OF FUNDS (A+B+C+D)						
II. APPLICATION OF FUNDS						
A) Fixed Assets						
a) Gross Block						
less: Accumulated Depreciation						
b) Net Block						
c) Capital Work in Progress						
less: Assets written off till date						
B) Investments (provide details seperately)						
C) Current Assets, Loans and Advances						
i) Inventories						
ii) Sundry Debtors						
iii) Cash and Bank Balances						
iv) Loans & Advances						
iii) Other Current Assets						
D) less: Current Liabilities and other Provisions						
i) Current Liabilities						
ii) Provisions						
E) Net Current Assets						
F) Miscellaneous Expenditure to the extent not written off or adjusted						
TOTAL APPLICATION OF FUNDS						

The Hon'ble Commission in the True up Order for FY 2008-09 to FY 2011-12 dated 01st October 2014 and True order for FY 2012-13 dated 18th June 2015 had adopted a normative tariff approach towards capital structure. This entailed that regulatory balances towards equity, GFA, accumulated depreciation, loans, etc would be different from financial statements. Hence, Forms S2, S3 and F19 have become infrutuous as they would not match with financial statements. Considering the above, the Licensee seeks waival from filing the Form Nos S2, S3 and F19.

अधिकाशी आधिकारी (वाणिज्य)
पश्चिमांचल विद्युत वितरण निगम लि०
विक्टोरिया फार्क, मेरठ

144

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited					
Cash Flow Statement				Form No: S3	
S.No	Particulars	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	Provisional Accounts	Revised Estimates	ARR
A	Net Funds from Operations:				
	Net (loss)/ profit before tax but after exceptional/ extra ordinary items				
	Adjustments for :				
	Depreciation and amortization				
	Interest expenses				
	Income from Investments				
	(Profit) / Loss on fixed asset sold				
	Miscellaneous expenditures written off				
	Deferred revenue expenditure written off				
	Debits/advances written off				
	Provision for bad and doubtful debts				
	Liability no longer required written back				
	Provision for Gratuity and Leave Encashment				
	Exceptional/ Extraordinary items Expenses/ (income)				
	Diminution in value of investments				
	Operating profits before working capital changes				
	Adjustment for changes in working capital				
	(Increase)/ decrease in sundry debtors				
	(Increase)/ decrease in other receivables				
	(Increase)/ decrease in inventories				
	Increase /(decrease) in in trade and other payables				
	Cash generated from operations				
	Taxes (paid)/ received (net of TDS)				
	Net cash from operating activities				
B	Case flow from investing activities				
	Purchase of fixed assets:				
	Additions during the period				
	Capital work in progress:				
	Additions during the period				
	Proceeds from sale of fixed assets				
	Proceeds from sale of investments				
	Purchase of investments				
	Interest received (revenue)				
	Net cash used in investing activities				
C	Cash flow from financing activities				
	Proceeds/(Repayments) of long term borrowings (net)				
	Equity from GoUP				
	Proceeds from consumers contribution and GoUP capital subsidy				
	Capital contribution from consumers and GoUP capital subsidy diminished				

The Hon'ble Commission in the True up Order for FY 2008-09 to FY 2011-12 dated 01st October 2014 and True order for FY 2012-13 dated 18th June 2015 had adopted a normative tariff approach towards capital structure. This entailed that regulatory balances towards equity, GFA, accumulated depreciation, loans, etc would be different from financial statements. Hence, Forms S2, S3 and F19 have become infrutuous as they would not match with financial statements. Considering the above, the Licensee seeks waiver from filing the Form Nos S2, S3 and F19.

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited					
Cash Flow Statement				Form No: S3	
S.No	Particulars	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	Provisional Accounts	Revised Estimates	ARR
	Consumer security deposits				
	Repayment of borrowing				
	Interest paid on borrowing				
	Interest payment adjustment				
	Restructuring reserve relating to transfer scheme 2000/2003				
	Material cost variance adjustments				
	Adjustment relating to Utaranchal Power Corporation Limited				
	Net cash generated from financing activities				
	Net increase / (decrease) in cash or cash equivalent (A+B+C)				
	Cash/ Cash equivalent as at the beginning of the year				
	Cash/ Cash equivalent as at the end of the year				


अधिकाारी अधिधन्ता (वाणिज्य)
पश्चिमांचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						Form No: S4
Annual Revenue Requirement						
S.No	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
	Power Purchase or Energy Available (MU)	24,098.90	24,098.90	25,946.02	29,913.09	34,186.48
	Sale of Power (MU)	18,536.64	18,536.64	20,845.36	24,074.06	28,032.91
	Loss %	23.08%	23.08%	19.66%	19.52%	18.00%
1	Receipts					
a	Revenue from tariffs & Miscell Charges (incl bulk sales to TPL)	9,025.95	9,025.95	9,871.54	12,942.15	15,303.76
b	Subsidy from Govt.	1,546.79	1,546.79	1,788.65	1,603.73	1,549.97
c	Torrent power ltd					
	Total	10,572.74	10,572.74	11,660.19	14,545.89	16,853.73
2	Expenditure					
a	Purchase of Power	11,374.21	10,023.11	11,386.36	12,619.27	15,179.73
b	Purchase of Power from Other Sources					
c	Intra-State Transmission Charges	505.45	465.42	404.49	516.24	661.77
d	R&M Expense	207.52	207.52	220.34	234.05	240.89
e	Employee Expenses	392.24	392.24	378.29	447.04	472.31
f	A&G Expense	79.51	79.51	154.05	93.09	104.73
g	Depreciation	137.33	437.12	155.48	470.42	405.56
h	Interest & Finance Charges	1,064.55	476.35	1,373.08	557.66	736.79
i	Less: Interest & other expenses capitalised	167.34	167.34	208.29	166.04	202.46
j	Other Debits (incl. Prov for Bad debts)	5.31	54.64	20.17	68.50	37.31
k	Other Misc Expenses / Incomes	-	-	-	-	-
l	Other (Misc.)-net prior period credit	159.60	159.60	80.72	-	-
	Total	13,758.39	12,128.17	13,964.68	14,840.22	17,636.64
3(i)	Reasonable Return	-	-	-	-	-
3(ii)	Contingency Reserve	-	-	-	-	-
4	Non tariff income	14.15	14.15	20.14	20.95	21.14
5	Annual Revenue Requirement (2)+(3)-(4)	13,744.24	12,114.02	13,944.54	14,819.27	17,615.50
6	Surplus(+) / Shortfall(-) : (1)-(5) before tariff revision	(3171.51)	(1541.28)	(2284.34)	(273.39)	(761.77)
7	Add: Allocation of Interest Charges and O&M of UPPCL		48.98	51.72	48.67	49.26
8	Efficiency Gains					
9	Surplus(+) / Shortfall(-) : (1)-(5) before tariff revision	(3171.51)	(1590.27)	(2336.06)	(322.06)	(811.03)
	Operational Gap funding from GoUP			522.30		
10	Tariff Revision Impact	-	-	-	-	-
11	Surplus(+) / Shortfall(-) : (6)-(7) after tariff revision	(3,171.51)	(1,590.27)	(1,813.77)	(322.06)	(811.03)

अधिसूची अभियन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विन्टोरिया पार्क, मेरठ

167

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited					
Information regarding amount of Equity & Loan					Form No: SS
		FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
Sr. No.	Period	True-Up	Provisional Accounts	Revised Estimates	ARR
1	Amt. of Regulatory Equity (Rs. in crores)	2,478.20	3,155.69	3,852.14	4,461.53
2	Amt. of Regulatory Loan (Rs. in crores)	1,619.41	2,352.01	3,571.51	4,503.67
3	Debt Equity Ratio	65%	75%	93%	101%



 अधिशासी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited

Information regarding Working Capital


Form No: S6

Sr. No.	Particulars	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		True-Up	Provisional Accounts	Revised Estimates	ARR
1	One month's O & M Expenses	56.61	62.72	64.51	68.16
2	One-twelfth of the sum of the book value of materials in stores at the end of each month of such financial year.	26.24	26.58	18.97	16.88
3	Receivables equivalent to 60 days average billing on consumers	1,483.72	1,622.72	2,127.48	2,515.69
	Gross Total	1,566.56	1,712.02	2,210.96	2,600.73
	Less:				
1	Total Security Deposits by the Consumers reduced by Security Deposits under section 47(1)(b) of the Electricity Act 2003	999.10	1,162.74	1,312.30	1,429.67
	Net Working Capital	567.46	549.29	898.65	1,171.06
	Rate of Interest on Working Capital	12.50%	12.50%	12.50%	12.50%
	Normative Interest on Working Capital	70.93	68.66	112.33	146.38


अधिसारी जाशियन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ


147

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited					
Reasonable Return					Form No: S7
S.No	Particulars	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		True-Up	Provisional Accounts	Revised Estimates	ARR
	Shareholders' Funds				
1	Share Capital	2,478.20	3,155.69	3,852.14	4,461.53
2	Reserves and Surplus	-9,424.33	-11,029.22	-11,351.28	-12,162.30
	Total Equity	-6,946.12	-7,873.53	-7,499.14	-7,700.77
	Return as a % of Equity				


 अधिशासी जाधियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ


150

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Energy Balance						Form No: S8
S.No	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
1	Purchase of Power					
	Power from own Stations (if any)	24,098.90	24,098.90	25,946.02	29,913.09	34,186.48
	Power from State Stations					
	Power from Central Stations					
	Power from Other Sources					
	I.					
	ii.					
	iii.					
	Total Power Available	24,098.90	24,098.90	25,946.02	29,913.09	34,186.48
2	Energy Sales within the state					
	a) LT Sales					
	b) HT Sales					
	c) EHT Sales					
	Total Energy Sales	18,536.64	18,536.64	20,845.36	24,074.06	28,032.91
3	Distribution Loss	5,562.26	5,562.26	5,100.66	5,839.04	6,153.57
4	Total Transmission losses	7.91%	7.91%	5.18%	5.26%	5.26%
5	Tradable Power	-	-	-	-	-


 अविभाजी आंध्रप्रदेश (वाणिज्य)
 पाश्चिमीयत विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

151

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited				
Truing Up of past accounts				Form No: S9
S.No	Particulars	FY 2013-14		
		Tariff Order	Audited	True-up
	Power Purchase or Energy Available (MU)	25,774.06	24,098.90	24,098.90
	Sale of Power (MU)	19,846.00	18,536.64	18,536.64
	Loss %	23.00%	23.08%	23.00%
1	Receipts			
a	Revenue from tariffs & Miscell. Charges	10583.72	9025.95	9025.95
b	Subsidy from Govt.	1347.76	1546.79	1546.79
	Total	11931.48	10572.74	10572.74
2	Expenditure			
a	Purchase of Power	10111.68	11374.21	10023.11
b	Purchase of Power from Other Sources			
c	Intra-State Transmission Charges	347.69	505.45	465.42
d	R&M Expense	169.77	207.52	207.52
e	Employee Expenses	404.36	392.24	392.24
f	A&G Expense	52.17	79.51	79.51
g	Depreciation	366.26	137.33	437.12
h	Interest & Finance Charges	323.91	1064.55	476.35
i	Less: Interest & other expenses capitalised	-98.12	-167.34	-167.34
j	Other Debits (incl. Prov for Bad debts)	0.00	5.31	54.64
k	Extraordinary Items	0.00	0.00	0.00
l	Other (Misc.)-net prior period credit	0.00	159.60	159.60
m	Allocation of UPPCL Charges	0.00	0.00	48.98
n	Efficiency Gains	0.00	0.00	0.00
	Total	11677.73	13758.39	12177.16
3	Reasonable Return	0.00	0.00	0.00
4	Other Income	13.67	14.15	14.15
5	Annual Revenue Requirement (2)+(3)-(4)	11664.06	13744.24	12163.00
6	Surplus(+)/ Shortfall(-) : (1)-(5) before tariff revision	267.42	-3171.51	-1590.27
7	Tariff Revision Impact			
8	Surplus(+)/ Shortfall(-) : (6)-(7)after tariff revision	267.42	-3171.51	-1590.27


 अधिशासी अभियन्ता (वाणिज्य)
 पश्चिमोच्चल विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited					
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY 2014-15					Form No: FI(a1)
SUPPLY TYPE	CATG.	Meerut DISCOM FY 2014-15	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
LMV-1	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	1,432,788	2,677,908	2,982
		(ii) Metered	360,878	667,302	347
	(B)	Supply at Single Point for Bulk Load	388	250,684	291
	(C1)	Other Metered Domestic Consumers	1,549,183	3,982,909	4,202
	(C2)	Life Line Consumers/BPL	111,089	112,871	105
SUB-TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	3,454,326	7,691,674	7,928
LMV-2	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	5,045	10,906	11
		(ii) Metered	24,116	67,466	83
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	20	62	5
	(C)	Other Metered Non-Domestic Supply	328,744	898,388	1,067
SUB-TOTAL		NON-DOMESTIC LIGHT FAN & POWER (LMV-2)	357,925	976,822	1,166
LMV-3	(A)	Un-metered Supply			
		(i) Gram Panchyat	469	3,504	10
		(ii) Nagar Palika & Nagar Panchyat	150	11,670	30
		(iii) Nagar Nigam	453	5,835	32
	(B)	Metered Supply			
		(i) Gram Panchyat	20	227	1
		(ii) Nagar Palika & Nagar Panchyat	162	9,994	38
		(iii) Nagar Nigam	273	22,760	78
SUB-TOTAL		PUBLIC LAMPS (LMV-3)	1,527	53,990	189
LMV-4	(A)	Public Institution(4 A)	12,753	66,776	170
	(B)	Private Institution(4 B)	2,421	30,399	54
SUB-TOTAL		LIGHT FAN & POWER FOR PUB./PRIV. INST.(LMV-4)	15,174	97,175	224
LMV-5	(A)	Rural Schedule			
		(i) Un metered Supply	378,784	2,088,279	3,149
		(ii) Metered Supply	4,518	20,470	14
	(B)	Urban Schedule			
		(i) Metered Supply	2,804	19,566	32
SUB-TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	386,106	2,128,315	3,195
LMV-6	(A)	Small & Medium Power (Power Loom)			
		(i) Rural Schedule	471	5,508	9
		(ii) Urban Schedule	3,483	24,818	60
	(B)	Small & Medium Power			
		(i) Rural Schedule	7,415	59,366	93
		(ii) Urban Schedule	45,413	598,133	793
SUB-TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	56,782	687,825	955
LMV-7	(A)	Rural Schedule			
		(i) Jal Nigam	252	6,128	10
		(ii) Jal Sansthan	34	610	3
		(iii) Others (Water Works)	401	11,126	43
	(B)	Urban Schedule			
		(i) Jal Nigam	112	11,591	28
		(ii) Jal Sansthan	106	2,711	7
		(iii) Others (Water Works)	1,990	68,362	235
SUB-TOTAL		PUBLIC WATER WORKS(LMV-7)	2,895	100,528	326
LMV-8	(A)	Metered Supply	308	4,254	18
	(B)	Un-metered Supply			
		(i) STW,Panchayat Raj WB I,Duch P.C. L I upto 100 BHP	4,751	63,756	279
		(ii) Laghu Dal Nahar above 100 BHP	4	50	1
SUB-TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	5,063	68,060	298
LMV-9	(A)	Metered Supply			
		(i) Individual Residential Consumers	3,429	54,560	107
		(ii) Others	-	-	-
	(B)	Un-metered Supply			
		(i) Ceremonies	3	24	0
		(ii) Temporary Shops	-	-	-
SUB-TOTAL		TEMPORARY SUPPLY (LMV-9)	3,432	54,584	108
LMV-10	(A)	Serving			
		(i) Class IV Employees	3,811	16,144	15
		(ii) Class III Employees	6,283	25,003	27
		(iii) Junior Engineers & Equivalent	661	2,824	4
		(iv) Assistant Engineers & Equivalent	298	1,325	2

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited					
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY 2014-15					Form No: FI(a1)
SUPPLY TYPE	CATG.	Meerut DISCOM FY 2014-15	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
		(v) Executive Engineers & Equivalent	169	858	1
		(vi) Deputy General Manager & Equivalent	31	151	0
		(vii) CGM/GM & Equivalent posts and above	67	169	0
	(B)	Total Pensioner & Family Pensioner	10,934	33,835	59
SUB-TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)	22,254	80,309	109
HV-1	(A)	Urban Schedule			
		(i) For supply at 11kV	846	422,101	673
		(ii) For supply at 33 kV & above	29	108,968	199
	(B)	Rural Schedule			
		(i) For supply at 11kV	38	6,442	27
		(ii) For supply at 33 kV & above	6	4,935	18
SUB-TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)	919	542,446	917
HV-2	(A)	Urban Schedule			
		(i) For supply at 11kV	5,348	1,559,482	3,526
		(ii) For supply above 11kV and upto & Including 66kV	201	384,735	1,551
		(iii) For supply above 66kV and upto & Including 132kV	4	51,930	143
		(iv) For supply above 132kV	1	24,376	148
	(B)	Rural Schedule			
		(i) For supply at 11kV	2	245	1
		(ii) For supply above 11kV and upto & Including 66kV	2	2,100	6
SUB-TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)	5,558	2,022,868	5,374
HV-3	(A)	For supply at and above 132kV	1	7,200	13
	(B)	For supply below 132kV	1	1,000	11
	(C)	For Delhi Metro Rail	1	9,000	32
SUB-TOTAL		RAILWAY TRACTION (HV-3)	3	17,200	57
HV-4	(A)	For supply at 11kV	2	311	0
	(B)	For supply above 11kV and upto 66kV	-	-	-
	(C)	For supply above 66kV and upto 132kV	-	-	-
SUB-TOTAL		LIFT IRRIGATION & P.C ABOVE 100 BHP (75kW) (HV-4)	2	311	0
EXTRA STATE	(A)	EXTRA STATE & OTHERS	-	-	-
SUB-TOTAL		EXTRA STATE CONSUMERS	-	-	-
BULK	(A)	Torrent (Depicted as Retail Sales)	-	-	-
	(B)	KESCO	-	-	-
SUB-TOTAL		BULK SUPPLY	-	-	-
GRAND TOTAL			4,311,966	14,522,107	20,845

अधिकासी आगिकता (वाणिज्य)
पश्चिमोचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

154

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited					
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY 2015-16					Form No: F1(a2)
SUPPLY TYPE	CATG.	Meerut DISCOM FY 2015-16	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
LMV-1	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	1,404,132	2,624,350	3,401
		(ii) Metered	570,187	1,194,018	547
	(B)	Supply at Single Point for Bulk Load	392	253,191	1
	(C1)	Other Metered Domestic Consumers	1,704,101	4,381,200	4,391
	(C2)	Life Line Consumers/BPL	114,422	116,257	131
SUB-TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	3,793,234	8,569,016	8,470
LMV-2	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	5,449	12,610	16
		(ii) Metered	26,528	91,670	124
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	21	65	0
	(C)	Other Metered Non-Domestic Supply	351,756	961,275	1,143
SUB-TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	383,753	1,065,620	1,284
LMV-3	(A)	Un-metered Supply			
		(i) Gram Panchyat	563	4,205	15
		(ii) Nagar Palika & Nagar Panchyat	162	12,604	54
		(iii) Nagar Nigam	498	6,419	28
	(B)	Metered Supply			
		(i) Gram Panchyat	23	261	1
		(ii) Nagar Palika & Nagar Panchyat	186	11,493	48
		(iii) Nagar Nigam	295	24,581	105
SUB-TOTAL		PUBLIC LAMPS (LMV-3)	1,727	59,562	251
LMV-4	(A)	Public Institution(4 A)	13,263	70,481	212
	(B)	Private Institution(4 B)	2,494	31,311	63
SUB-TOTAL		LIGHT, FAN & POWER FOR PUB./PRIV. INST.(LMV-4)	15,757	101,792	275
LMV-5	(A)	Rural Schedule			
		(i) Un metered Supply	390,148	2,150,927	3,549
		(ii) Metered Supply	5,422	30,024	205
	(B)	Urban Schedule			
		(i) Metered Supply	2,860	21,285	35
SUB-TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	398,429	2,202,236	3,789
LMV-6	(A)	Small & Medium Power (Power Loom)			
		(i) Rural Schedule	495	4,284	7
		(ii) Urban Schedule	3,657	26,866	70
	(B)	Small & Medium Power			
		(i) Rural Schedule	7,563	60,553	93
		(ii) Urban Schedule	49,500	674,815	1,008
SUB-TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	61,215	766,519	1,178
LMV-7	(A)	Rural Schedule			
		(i) Jal Nigam	277	7,436	20
		(ii) Jal Sansthan	39	791	4
		(iii) Others (Water Works)	461	12,795	49
	(B)	Urban Schedule			
		(i) Jal Nigam	134	13,909	45
		(ii) Jal Sansthan	122	3,437	13
		(iii) Others (Water Works)	2,189	75,198	263
SUB-TOTAL		PUBLIC WATER WORKS(LMV-7)	3,223	113,567	395
LMV-8	(A)	Metered Supply	339	4,880	21
	(B)	Un-metered Supply			
		(i) STW,Panchayat Raj WB I.Duch P.C, L I upto 100 BHP	4,874	65,601	313
		(ii) Laghu Dal Nahar above 100 BHP	4	32	0
SUB-TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	5,216	70,513	333
LMV-9	(A)	Metered Supply			
		(i) Individual Residential Consumers	3,600	67,666	190
		(ii) Others	-	-	-
	(B)	Un-metered Supply			
		(i) Ceremonies	3	61	1
		(ii) Temporary Shops	-	-	-
SUB-TOTAL		TEMPORARY SUPPLY (LMV-9)	3,604	67,727	191
LMV-10	(A)	Serving			
		(i) Class IV Employees	3,887	413,019	15
		(ii) Class III Employees	6,786	27,003	29
		(iii) Junior Engineers & Equivalent	687	2,937	4
		(iv) Assistant Engineers & Equivalent	301	1,382	2
		(v) Executive Engineers & Equivalent	171	867	1


Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited					
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY 2015-16					Form No: F1(a2)
SUPPLY TYPE	CATG.	Meerut DISCOM FY 2015-16	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
		(vi) Deputy General Manager & Equivalent	32	154	0
		(vii) CGM/GM & Equivalent posts and above	70	281	0
	(B)	Total Pensioner & Family Pensioner	11,304	35,532	60
SUB-TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)	23,238	481,175	113
HV-1	(A)	Urban Schedule			
	(i)	For supply at 11kV	1,100	548,731	1,063
	(ii)	For supply at 33 kV & above	34	129,257	663
	(B)	Rural Schedule			
	(i)	For supply at 11kV	46	7,730	32
	(ii)	For supply at 33 kV & above	6	5,182	3
SUB-TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)	1,186	690,900	1,761
HV-2	(A)	Urban Schedule			
	(i)	For supply at 11kV	5,776	1,684,241	3,808
	(ii)	For supply above 11kV and upto & Including 66kV	211	403,972	1,628
	(iii)	For supply above 66kV and upto & Including 132kV	5	67,509	347
	(iv)	For supply above 132kV	1	25,595	178
	(B)	Rural Schedule			
	(i)	For supply at 11kV	2	257	1
	(ii)	For supply above 11kV and upto & Including 66kV	2	2,100	6
SUB-TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)	5,997	2,183,673	5,967
HV-3	(A)	For supply at and above 132kV	1	7,560	25
	(B)	For supply below 132kV	1	1,000	11
	(C)	For Delhi Metro Rail	-	9,000	32
SUB-TOTAL		RAILWAY TRACTION (HV-3)	2	17,560	68
HV-4	(A)	For supply at 11kV	2	311	0
	(B)	For supply above 11kV and upto 66kV	-	-	-
	(C)	For supply above 66kV and upto 132kV	-	-	-
SUB-TOTAL		LIFT IRRIGATION & P C ABOVE 100 BHP (75kW) (HV-4)	2	311	0
EXTRA STATE	(A)	EXTRA STATE & OTHERS	-	-	-
SUB-TOTAL		EXTRA STATE CONSUMERS	-	-	-
BULK	(A)	Torrent	-	-	-
	(B)	KESCO	-	-	-
SUB-TOTAL		BULK SUPPLY	-	-	-
GRAND TOTAL			4,696,584	16,390,171	24,074

अधिसूचना अधिवक्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

156

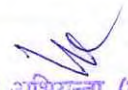
Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited					
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY 2016-17					Form No: FI(a3)
SUPPLY TYPE	CATG.	Meerut DISCOM FY 2016-17	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
LMV-1	(A)	Consumer getting supply as per "Rural Schedule"			
	(i)	Un-metered	1,376,050	2,571,863	3,333
	(ii)	Metered	786,858	1,647,745	965
	(B)	Supply at Single Point for Bulk Load	396	255,723	1
	(C1)	Other Metered Domestic Consumers	1,874,511	4,819,320	5,801
	(C2)	Life Line Consumers/BPL	117,854	119,745	168
SUB-TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	4,155,670	9,414,396	10,267
LMV-2	(A)	Consumer getting supply as per "Rural Schedule"			
	(i)	Un-metered	5,884	13,619	18
	(ii)	Metered	29,180	100,837	175
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	22	68	0
	(C)	Other Metered Non-Domestic Supply	376,379	1,028,564	1,486
SUB-TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	411,466	1,143,088	1,679
LMV-3	(A)	Un-metered Supply			
	(i)	Gram Panchyat	675	5,046	18
	(ii)	Nagar Palika & Nagar Panchyat	175	13,612	59
	(iii)	Nagar Nigam	548	7,060	31
	(B)	Metered Supply			
	(i)	Gram Panchyat	26	300	2
	(ii)	Nagar Palika & Nagar Panchyat	214	13,217	70
	(iii)	Nagar Nigam	318	26,547	135
SUB-TOTAL		PUBLIC LAMPS (LMV-3)	1,958	65,783	319
LMV-4	(A)	Public Institution(4 A)	13,794	73,300	274
	(B)	Private Institution(4 B)	2,568	32,250	78
SUB-TOTAL		LIGHT, FAN & POWER FOR PUB./PRIV. INST. (LMV-4)	16,362	105,550	352
LMV-5	(A)	Rural Schedule			
	(i)	Un metered Supply	401,852	2,215,455	3,655
	(ii)	Metered Supply	6,506	36,028	246
	(B)	Urban Schedule			
	(i)	Metered Supply	2,917	21,711	35
SUB-TOTAL		PRIVATE TUBE WELLS/PUMPING SETS (LMV-5)	411,275	2,273,194	3,937
LMV-6	(A)	Small & Medium Power (Power Loom)			
	(i)	Rural Schedule	519	4,498	9
	(ii)	Urban Schedule	3,840	28,210	91
	(B)	Small & Medium Power			
	(i)	Rural Schedule	7,715	61,764	121
	(ii)	Urban Schedule	53,955	735,549	1,341
SUB-TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	66,029	830,021	1,562
LMV-7	(A)	Rural Schedule			
	(i)	Jal Nigam	305	8,180	22
	(ii)	Jal Sansthan	45	910	5
	(iii)	Others (Water Works)	530	14,714	57
	(B)	Urban Schedule			
	(i)	Jal Nigam	161	16,691	54
	(ii)	Jal Sansthan	140	3,953	15
	(iii)	Others (Water Works)	2,408	82,718	289
SUB-TOTAL		PUBLIC WATER WORKS (LMV-7)	3,596	127,166	442
LMV-8	(A)	Metered Supply	373	5,368	23
	(B)	Un-metered Supply			
	(i)	STW, Panchayat Raj WB I.Duch P.C, L I upto 100 BHP	4,999	67,294	321
	(ii)	Laghu Dal Nahar above 100 BHP	4	32	0
SUB-TOTAL		STATE TUBE WELLS & PUMPS/CANAL UPTO 100 HP (LMV-8)	5,376	72,693	343
LMV-9	(A)	Metered Supply			
	(i)	Individual Residential Consumers	3,780	71,049	240
	(ii)	Others	-	-	-
	(B)	Un-metered Supply			
	(i)	Ceremonies	3	62	1
	(ii)	Temporary Shops	-	-	-
SUB-TOTAL		TEMPORARY SUPPLY (LMV-9)	3,784	71,112	241
LMV-10	(A)	Serving			
	(i)	Class IV Employees	3,965	421,280	20
	(ii)	Class III Employees	7,328	29,163	37
	(iii)	Junior Engineers & Equivalent	715	3,054	5
	(iv)	Assistant Engineers & Equivalent	304	1,396	3
	(v)	Executive Engineers & Equivalent	172	875	2
	(vi)	Deputy General Manager & Equivalent	32	157	0
	(vii)	CGM/GM & Equivalent posts and above	74	295	1
	(B)	Total Pensioner & Family Pensioner	11,687	36,734	77

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY:2016-17					Form No: FI(a3)	
SUPPLY TYPE	CATG.	Meerut DISCOM FY 2016-17		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
SUB-TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)		24,278	492,956	144
HV-1	(A)	Urban Schedule				
		(i)	For supply at 11kV	1,430	713,351	1,381
		(ii)	For supply at 33 kV & above	41	153,588	793
	(B)	Rural Schedule				
		(i)	For supply at 11kV	55	9,276	39
		(ii)	For supply at 33 kV & above	7	5,441	3
SUB-TOTAL		NON-INDUSTRIAL BULK LOADS (HV-1)		1,532	881,656	2,216
HV-2	(A)	Urban Schedule				
		(i)	For supply at 11kV	6,238	1,818,980	4,112
		(ii)	For supply above 11kV and upto & Including 66kV	222	424,170	1,710
		(iii)	For supply above 66kV and upto & Including 132kV	7	87,762	451
		(iv)	For supply above 132kV	1	26,875	187
	(B)	Rural Schedule				
		(i)	For supply at 11kV	2	270	1
		(ii)	For supply above 11kV and upto & Including 66kV	2	2,100	6
SUB-TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75kW) (HV-2)		6,472	2,360,156	6,466
HV-3	(A)	For supply at and above 132kV		1	7,938	26
	(B)	For supply below 132kV		1	1,000	11
	(C)	For Delhi Metro Rail		-	9,000	32
SUB-TOTAL		RAILWAY TRACTION (HV-3)		2	17,938	69
HV-4	(A)	For supply at 11kV		2	311	0
	(B)	For supply above 11kV and upto 66kV		-	-	-
	(C)	For supply above 66kV and upto 132kV		-	-	-
SUB-TOTAL		LIFT IRRIGATION & P.C ABOVE 100 BHP (75kW) (HV-4)		2	311	0
EXTRA STATE	(A)	EXTRA STATE & OTHERS		-	-	-
SUB-TOTAL		EXTRA STATE CONSUMERS		-	-	-
BULK	(A)	Torrent		-	-	-
	(B)	KESCO		-	-	-
SUB-TOTAL		BULK SUPPLY		-	-	-
GRAND TOTAL				5,107,793	17,856,020	28,033


 अधिशासी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

158

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						Form No: F2
Revenue & Capital Subsidies						
S.No	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
A	Revenue Subsidies And Grants					
1	Revenue Subsidy					
2	Agriculture Subsidy	1,546.79	1,546.79	1,788.65	1,603.73	1,549.97
3	Subsidy adjustment against ED					
4						
5	Subsidy for Power Looms					
	Sub-Total	1,546.79	1,546.79	1,788.65	1,603.73	1,549.97
B	Capital Subsidies And Grants					
1	APDRP					
2	PTW					
3	UPSIDC	124.99	124.99	157.15	178.58	120.93
4	Indian Industries Association					
5	Others					
	Sub-Total	124.99	124.99	157.15	178.58	120.93
	Total	1,671.78	1,671.78	1,945.80	1,782.32	1,670.90
	Actual Flow of Funds	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
S.No	In Rs Crores	Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
1	Balance Subsidy for Previous years Receivable					
2	Subsidy Due for the year	1,671.78	1,671.78	1,945.80	1,782.32	1,670.90
3	Total Subsidy Receivable	1,671.78	1,671.78	1,945.80	1,782.32	1,670.90
4	Cash	1,671.78	1,671.78	1,945.80	1,782.32	1,670.90
5	ED Adjustment/Retained	-	-	-	-	-
6	Cess Adjustment/Retained					
7	Central Assistance Adjustment					
8	Adjustment of Penal intt on ED & Cess					
9	Adjustment of Past Loans					
10	Adjustment of Interest on Loan					
11	Total Subsidy Received	1,671.78	1,671.78	1,945.80	1,782.32	1,670.90
12	Balance Subsidy Receivable: (3)-(12)	-	-	-	-	-

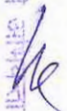

 अधिशासी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited				
Income from Investments and Non-Tariff Income				Form No: F3
S.No	Particulars	FY 2014-15	FY 2015-16	FY 2016-17
		Provisional Accounts	Revised Estimates	ARR
A	Income from Investment			
1	Interest Income from Investments	0.00	0.00	0.00
2	Interest on fixed deposits	-	-	-
3	Interest from Banks other than Fixed Deposits	14.19	14.76	14.89
4	Interest on (any other items)	-	-	-
	Sub-Total (A)	14.19	14.76	14.90
B	Non Tariff Income			
1	Interest on loans and Advances to staff	0.15	0.15	0.15
2	Interest on Loans and Advances to Licensee			
3	Interest on Loans and Advances to Lessors			
4	Interest on Advances to Suppliers / Contractors	5.02	5.22	5.27
5	Income from Trading			
6	Gain on Sale of Fixed Assets			
7	Miscellaneous receipts	0.39	0.40	0.41
8	Delayed payment charges from consumers			
9	Meter Rent			
10	Recovery from theft of energy			
11	Wheeling charges			
12	Misc. charges from consumers			
13	Income from Other Business			
14	Contract Demand Violation Charges			
15	Less: Rebate for supply at higher voltage	0.40	0.42	0.42
16	Less: Any other rebates			
	Sub-Total (B)	5.95	6.19	6.25
	Total	20.14	20.95	21.14

अधिकासी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ


166

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited															
Details of Monthly Electricity Purchases from different Generating Stations for FY 2014-15														Form No: Fd	
MONTH	Plant Capacity	UTILITY'S SHARE		Availability of Generating Station	Total Fixed or Capacity Charges	ESO by Generator	Energy Share to be received by the utility (Deducting auxiliary consumption)	Energy Units received by utility at its periphery (After deducting inter state/intra state transmission losses)	Fixed or Capacity charges to be paid by the utilities	Var Charges/En ergy Charges to be paid by the utilities	Incentive to generating stations (if any)	Transmission /Wheeling Charges (inter state/intra state)	Any other charges	Avg cost of energy at gen bus bar	Avg cost of energy recd at interface point of the utility
		MW	MW												
1	2	3	4		5	6	7	8	9	10	11	12	13	14	15
April															
May															
June															
July															
August															
September															
October															
November															
December															
January															
February															
March															
TOTAL									25946.02						
Arrear Bills for the past period due to revision of energy account/ tariff revision															
Total Cost															

पश्चिमोत्तर बिजुल वितरण निगम लि०
 विकसित्वार्क, नैरट
 उपनिर्देशी आणिकनना (वर्णित्व)


Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited									
Details of Monthly Electricity Purchases from different Generating Stations - FY 2015-16								Form No: F4a	
Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Procurement of power from State Sector Generating Stations									
Thermal Stations									
Anpara A	630	3,862	0.72	277	2.04	786	2.75	1,064	2.75
Anpara B	1,000	7,213	1.09	786	1.88	1,354	2.97	2,140	2.97
Harduaganj	165	301	1.52	46	3.52	106	5.03	151	5.03
Obra A	288	535	1.21	65	2.46	131	3.67	196	3.67
Obra B	1,000	3,966	0.69	272	2.31	916	3.00	1,189	3.00
Panki	210	647	1.41	91	4.36	282	5.77	374	5.77
Parichha	220	427	1.04	44	4.22	180	5.26	225	5.26
Parichha Extn.	420	2,258	1.44	325	3.46	781	4.90	1,106	4.90
Parichha Extn. Stage II	500	3,397	1.85	630	3.45	1,173	5.30	1,802	5.30
Harduaganj Ext.	500	3,397	2.02	688	2.72	925	4.75	1,612	4.75
Anpara D	1,000	823	1.51	124	1.70	140	3.21	264	3.21
Sub total - Thermal	5,933	26,828	0.00	3,348	0.00	6,775	0.00	10,124	3.77
Per unit Avg Rate of Thermal Generation								3.77	
Hydro Stations									
Khara	58	151	0.75	11	0.00	-	0.75	11	0.75
Matatila	20	53	0.68	4	0.00	-	0.68	4	0.68
Obra (Hydel)	99	260	0.66	17	0.00	-	0.66	17	0.66
Rihand	255	670	0.57	38	0.00	-	0.57	38	0.57
UGC Power Stations	14	36	2.22	8	0.00	-	2.22	8	2.22
Belka & Babail	6	16	2.34	4	0.00	-	2.34	4	2.34
Sheetla	4	9	2.84	3	0.00	-	2.84	3	2.84
Sub total - Hydro	455	1,195		85				85	0.71
Purchase Per unit Avg Rate from hydro generating stations								0.71	
Sub-Total Own generation	6388	28023		3,433.06		6,775.17		10,208.22	3.64
Procurement of power from Central Sector Generating Stations									
Anta	119	626	0.71	44	4.44	278	5.15	322	5.15
Auriya	243	1,279	0.53	68	4.84	618	5.37	687	5.37
Dadri Thermal	84	613	0.82	50	3.97	243	4.79	294	4.79
Dadri Gas	271	1,427	0.55	78	4.38	626	4.93	703	4.93
Dadri Extension	148	1,055	1.55	164	3.54	373	5.09	537	5.09
Rihand-I	372	2,697	0.78	211	2.00	539	2.78	750	2.78
Rihand-II	346	2,791	0.91	254	1.87	522	2.78	776	2.78
Singrauli	846	6,687	0.52	347	1.28	857	1.80	1,204	1.80
Tanda	440	3,255	1.01	329	3.55	1,155	4.56	1,484	4.56
Unchahar-I	257	2,009	0.83	167	2.82	566	3.65	733	3.65
Unchahar-II	152	1,166	0.86	100	2.79	325	3.65	426	3.65
Unchahar-III	74	577	1.32	76	2.33	135	3.65	211	3.65
Farakka	33	202	0.82	17	2.75	55	3.57	72	3.57
Kahalgaon St. I	77	552	0.92	51	2.51	139	3.43	189	3.43
Kahalgaon St. II Ph. I	251	1,807	1.17	212	2.26	408	3.43	620	3.43
Koldam (Hydro)	204	780	1.56	122	2.32	181	3.88	303	3.88
Rihand-III	375	1,980	1.27	251	1.51	299	2.78	550	2.78
Sub-Total NTPC	4,294	29,503	0.00	2,542	0.00	7,319	0.00	9,861	3.34
Chamera	109	336	0.58	20	0.82	27	1.40	47	1.40
Chamera-II	86	392	1.28	50	1.00	39	2.28	89	2.28
Chamera-III	62	282	1.74	49	1.86	53	3.60	102	3.60
Dhauliganga	75	281	1.10	31	1.27	36	2.37	67	2.37

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited									
Details of Monthly Electricity Purchases from different Generating Stations - FY 2015-16								Form No: F4a	
Salal I&II	48	252	0.60	15	0.38	9	0.98	25	0.98
Tanakpur	21	103	1.70	17	1.22	12	2.92	30	2.92
Uri	96	497	1.05	52	0.89	44	1.94	96	1.94
Dulhasti	111	516	2.82	145	2.30	118	5.12	264	5.12
Sewa-II	35	136	1.89	26	1.81	25	3.70	50	3.70
Uri-II	51	221	2.49	55	0.45	10	2.94	65	2.94
Parbati ST-III	140	514	1.05	54	3.74	192	4.79	246	4.79
Sub-Total NHPC	834	3,529	0.00	515	0.00	566	0.00	1,081	3.06
NAPP	166	1,025	0.00	-	2.49	255	2.49	255	2.49
RAPP #3&4	80	671	0.00	-	2.96	199	2.96	199	2.96
RAPP#5&6	115	885	0.00	-	3.53	312	3.53	312	3.53
Sub-Total NPCIL	361	2,581	0.00	-	0.00	766	0.00	766	2.97
NATHPA JHAKRI HPS	287	2,012	1.06	213	1.45	292	2.51	505	2.51
TALA POWER	45	181	0.00	-	2.13	39	2.13	39	2.13
Koteshwar	173	569	1.94	110	1.80	102	3.74	213	3.74
Srinagar	290	1,776	0.00	-	4.00	710	4.00	710	4.00
Sasan	495	3,469	0.15	54	1.15	399	1.30	452	1.30
Teesta St-III	561	2,431	2.33	565	1.71	415	4.03	980	4.03
Karcham-Wangtoo	200	158	0.00	-	3.00	47	3.00	47	3.00
VISHNUPRAYAG	352	2,450	0.58	143	1.25	307	1.84	451	1.84
TEHRI STAGE-I	418	2,171	1.51	327	3.42	743	4.93	1,070	4.93
Rosa Power Project	600	4,066	1.73	704	3.58	1,455	5.31	2,160	5.31
Rosa Power Project	600	4,066	1.73	704	3.61	1,468	5.34	2,172	5.34
Bara	1,782	2,126	1.17	249	1.85	394	3.02	642	3.02
Anpara 'C'	1,100	7,015	1.36	957	2.48	1,740	3.84	2,697	3.84
IGSTPP, Jhajhhar	51	212	2.59	55	4.19	89	6.78	144	6.78
Bajaj Hindusthan	450	2,807	2.25	632	4.39	1,232	6.64	1,864	6.64
Lalitpur	1,980	2,848	1.88	535	2.95	840	4.83	1,375	4.83
Sub-Total IPP/JV	9,383	38,354	0.00	5,248	0.00	10,273	0.00	15,521	4.05
Captive and Cogen	-	2,865	0.00	-	4.61	1,321	4.61	1,321	4.61
Inter system exchange (Bilateral & PXIL, IEX) / UI	-	4,940	0.00	-	5.00	2,470	5.00	2,470	5.00
Solar Energy	-	84	0.00	-	10.35	87	10.35	87	10.35
NVVN Coal Power	-	352	0.00	-	3.13	110	3.13	110	3.13
Sub-Total : Co-Generation & Other Sources	-	8,241	0.00	-	0.00	3,988	0.00	3,988	4.84
Grand Total of Power Purchase	21259	110231		11,737.79		29,687.0		41,424.82	3.76


 अधिशासी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विकटोरिया पार्क, मेरठ

103

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited									
Details of Monthly Electricity Purchases from different Generating Stations - FY 2016-17								Form No: F4a	
Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost (Rs. / kWh)
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	
Procurement of power from State Sector Generating Stations									
Thermal Stations									
Anpara A	630	3,852	0.75	289	2.12	816	2.87	1,104	2.87
Anpara B	1,000	7,194	1.11	801	1.95	1,404	3.07	2,206	3.07
Harduaganj	165	300	1.58	47	3.66	110	5.23	157	5.23
Obra A	288	533	1.25	67	2.55	136	3.81	203	3.81
Obra B	1,000	3,955	0.71	281	2.40	951	3.11	1,232	3.11
Panki	210	646	1.46	94	4.54	293	6.00	387	6.00
Parichha	220	425	1.06	45	4.39	187	5.45	232	5.45
Parichha Extn.	420	2,252	1.44	325	3.60	810	5.04	1,135	5.04
Parichha Extn. Stage II	500	3,388	1.84	625	3.59	1,216	5.43	1,841	5.43
Harduaganj Ext.	500	3,388	2.01	681	2.83	959	4.84	1,640	4.84
Anpara D	1,000	6,192	1.66	1,027	1.77	1,094	3.43	2,121	3.43
Sub total - Thermal	5933	32126		4283		7976		12259	3.82
Per unit Avg Rate of Thermal Generation								3.82	
Hydro Stations									
Khara	58	151	0.78	12	0.00	-	0.78	12	0.78
Matatila	20	53	0.70	4	0.00	-	0.70	4	0.70
Obra (Hydel)	99	260	0.68	18	0.00	-	0.68	18	0.68
Rihand	255	670	0.59	40	0.00	-	0.59	40	0.59
UGC Power Stations	14	36	2.30	8	0.00	-	2.30	8	2.30
Belka & Babail	6	16	2.43	4	0.00	-	2.43	4	2.43
Sheetla	4	9	2.95	3	0.00	-	2.95	3	2.95
Sub total - Hydro	455	1,195	0.00	88	0.00	-	0.00	88	0.74
Purchase Per unit Avg Rate from hydro generating stations								0.74	
Sub-Total Own	6388	33321		4,370.72		7,975.92		12,346.64	3.71
Procurement of power from Central Sector Generating Stations									
Anta	119	626	0.73	46	4.62	289	5.36	335	5.36
Auriya	243	1,279	0.55	71	5.03	643	5.58	714	5.58
Dadri Thermal	84	613	0.86	52	4.13	253	4.98	305	4.98
Dadri Gas	271	1,427	0.57	81	4.56	651	5.13	732	5.13
Dadri Extension	148	1,055	1.61	170	3.68	388	5.29	559	5.29
Rihand-I	372	2,697	0.81	220	2.08	560	2.89	780	2.89
Rihand-II	346	2,791	0.95	264	1.95	543	2.89	807	2.89
Singrauli	846	6,687	0.54	361	1.33	891	1.87	1,252	1.87
Tanda	440	3,255	1.05	343	3.69	1,201	4.74	1,544	4.74
Unchahar-I	257	2,009	0.86	174	2.93	589	3.80	763	3.80
Unchahar-II	152	1,166	0.89	104	2.90	338	3.80	443	3.80
Unchahar-III	74	577	1.37	79	2.43	140	3.80	219	3.80
Farakka	33	202	0.85	17	2.86	58	3.71	75	3.71
Kahalgaoon St. I	77	552	0.96	53	2.61	144	3.57	197	3.57
Kahalgaoon St. II Ph. I	251	1,807	1.22	221	2.35	424	3.57	645	3.57
Koldam (Hydro)	95	361	1.56	56	2.41	87	3.97	143	3.97
Rihand-III	375	1,980	1.32	261	1.57	311	2.89	572	2.89
Sub-Total NTPC	4184	29083		2573		7510		10084	3.47
Chamera	109	336	0.60	20	0.85	29	1.46	49	1.46

अविज्ञाती अभिप्रेता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

104


Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost (Rs. / kWh)
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	
Chamera-II	86	392	1.34	52	1.04	41	2.37	93	2.37
Chamera-III	62	282	1.81	51	1.86	53	3.67	103	3.67
Dhauliganga	75	281	1.10	31	1.27	36	2.37	67	2.37
Salal I&II	48	252	0.60	15	0.38	9	0.98	25	0.98
Tanakpur	21	103	1.70	17	1.22	13	2.92	30	2.92
Uri	96	497	1.05	52	0.89	44	1.94	96	1.94
Dulhasti	111	516	2.82	145	2.30	118	5.12	264	5.12
Sewa-II	35	136	1.89	26	1.81	25	3.70	50	3.70
Uri-II	25	111	4.98	55	0.45	5	5.43	60	5.43
	-	-	0.00	-	0.00	-	0.00	-	0.00
Parbati ST-III	104	383	1.41	54	3.74	143	5.15	197	5.15
Sub-Total NHPC	773	3287		519.58		514.80		1,034.38	3.15
NAPP	166	935	0.00	-	2.59	242	2.59	242	2.59
RAPP #3&4	80	604	0.00	-	3.08	186	3.08	186	3.08
RAPP#5&6	115	799	0.00	-	3.67	293	3.67	293	3.67
Sub-Total NPCIL	361	2339				721.55		721.55	3.09
NATHPA JHAKRI HPS	287	1,383	1.60	221	1.51	209	3.11	430	3.11
TALA POWER	45	181	0.00	-	2.22	40	2.22	40	2.22
Koteshwar	173	569	2.02	115	1.87	107	3.89	221	3.89
Srinagar	290	519	0.00	-	4.16	216	4.16	216	4.16
Sasan	495	2,081	0.27	56	1.20	249	1.46	305	1.46
Teesta St-III	2,175	10,186	2.19	2,227	1.52	1,553	3.71	3,780	3.71
Karcham-Wangtoo	200	158	0.00	-	3.12	49	3.12	49	3.12
VISHNUPRAYAG	352	1,623	0.92	149	1.30	212	2.22	361	2.22
TEHRI STAGE-I	418	1,809	1.88	340	3.56	644	5.44	984	5.44
Rosa Power Project	600	3,946	1.75	689	3.72	1,469	5.47	2,158	5.47
Rosa Power Project	600	3,946	1.75	689	3.75	1,481	5.50	2,171	5.50
Bara	1,782	7,395	1.18	874	3.14	2,323	4.32	3,197	4.32
Anpara 'C'	1,100	7,015	1.77	1,241	2.58	1,809	4.35	3,050	4.35
IGSTPP, Jhajhjar	51	354	1.61	57	4.36	154	5.97	211	5.97
Bajaj Hindusthan	450	2,807	2.25	632	4.57	1,281	6.82	1,913	6.82
Lalitpur	1,782	10,108	1.88	1,900	2.95	2,982	4.83	4,882	4.83
Sub-Total IPP/JV	10799	54080		9190		14779		23969	4.432069
Captive and Cogen	-	2,865	0.00	-	4.79	1,374	4.79	1,374	4.79
Inter system exchange	-	217	0.00	-	5.30	115	5.30	115	5.30
Solar Energy	-	84	0.00	-	10.76	90	10.76	90	10.76
NVVN Coal Power	-	352	0.00	-	3.26	114	3.26	114	3.26
Sub-Total : Co-Generation	-	3518				1,693.45		1,693.45	4.81
Grand Total of Power	22505	125627		16653		33,194.7		49,848.13	3.97

Note: DVVNL procures power from UPPCL which is its holding company. The overall portfolio of power purchase at the UPPCL level is provided above


Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited									
Energy Transmitted/wheeled through a particular transmission system, charges payable and other details									Form No: E4b
S No.	Name of the transmission system	Capacity of the transmission system	Energy Wheeled through the transmission system	Maximum Demand imposed by the distribution licensee on the transmission system	Transmission capacity aloted to the distribution licensee	Transmission charges	Other charges	Total Charges	Transmissi on charges/unit
			(MU)	MW	MW	Rs. In Cr.	Rs. In Cr.	Rs. In Cr.	Rs. In Cr.
1	UPPTCL	FY 2014-15	25,946.02			404.49	-	404.49	0.156
2	UPPTCL	FY 2015-16	29,913.09			516.24	-	516.24	0.173
3	UPPTCL	FY 2016-17	34,186.48			661.77	-	661.77	0.194
4									
5									
6									
7									
8									
9									

पश्चिमचल विद्युत वितरण निगम लिमिटेड
 दिव्योदय पार्क, नैरट
 (बिहार)

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Repair & Maintenance Expenditure					Form No: F5	
S No.	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
1	Plant and Machinery	81.91	81.91	66.02	91.75	92.59
2	Building	3.56	3.56	2.30	3.99	4.02
3	Civil Works		-		-	-
4	Hydraulic Works		-		-	-
5	Transformers		-		-	-
6	Lines, Cables Net Works etc.	121.66	121.66	140.90	136.27	137.53
7	Vehicles		-		-	-
8	Furniture and Fixtures	0.01	0.01	10.73	0.01	0.01
9	Office Equipments	0.39	0.39	0.39	0.44	0.44
10	Transportation				-	-
11	Sub station maintenance by private agencies				-	-
12	Any other items (Capitalisation)				-	-
	Additional R&M(@2.5% of incremental GFA)	-	-	-	1.60	6.30
	Total	207.52	207.52	220.34	234.05	240.89


 अधिकारी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Employee Cost and Provisions						Form No: F6a
S.No	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
1	Salaries	159.67	159.67	149.56	178.85	180.50
2	Dearness Allowance	123.01	123.01	143.67	137.79	139.06
3	Other Allowances & Relief	12.62	12.62	11.83	14.13	14.26
4	Bonus/Exgratia	1.96	1.96	0.17	2.19	2.21
5	Medical Expenses Reimbursement	8.86	8.86	4.36	9.93	10.02
6	Leave Travel Assistance	-	-	-	-	-
7	Earned Leave Encashment	39.39	39.39	22.61	44.12	44.53
8	Compensation	0.07	0.07	0.05	0.07	0.07
9	Staff Welfare Expenses	0.17	0.17	0.14	0.20	0.20
10	Pension and gratuity	39.47	39.47	36.71	44.21	44.61
11	Other Terminal benefits	6.43	6.43	8.62	7.21	7.27
12	Expenditure on trust	0.60	0.60	0.56	0.67	0.67
13	Any other employee expenses					
14	Arrear of Pay Commission/Time Scale					
15	Additional employee Expenses(@2.5% of incremental GFA)				7.68	28.90
	Grand Total	392.24	392.24	378.29	447.04	472.31
	Employee expenses capitalized	141.86	141.86	186.25	67.06	70.85
	Net employee expenses	250.39	250.39	192.03	379.99	401.46


 अधिशासी अधिकारता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विकटोरिया पार्क, मेरठ


108

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited

Administration & General Expenses

Form No: F7

S.No.	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
A)	Administration Expenses					
1	Rent rates and taxes (Other than all taxes on income and profit)	0.40	0.40	0.64	0.44	0.45
2	Insurance of employees, assets, legal liability	0.49	0.49	1.20	0.55	0.56
3	Revenue Stamp Expenses Account					
4	Telephone, Postage, Telegram, Internet Charges	2.62	2.62	4.35	2.93	2.96
5	Incentive & Award To Employees/Outsiders					
6	Consultancy Charges	0.97	0.97	6.68	1.09	1.10
7	Travelling	3.62	3.62	3.53	4.06	4.09
8	Technical Fees				-	-
9	Other Professional Charges					
10	Conveyance And Travel (vehicle hiring, running)					
11	UPERC License fee				-	-
12	Plant And Machinery (for administrative use)					
13	Security / Service Charges Paid To Outside Agencies					
14	Other Regulatory Expenses					
15	IT related expenses					
	Sub-Total of Administrative Expenses	8.10	8.10	16.40	9.08	9.16
B)	Other Charges					
1	Fee And Subscriptions (Books And Periodicals)	3.80	3.80	0.31	4.26	4.30
2	Printing And Stationery	2.79	2.79	3.47	3.12	3.15
3	Advertisement Expenses	0.76	0.76	2.31	0.85	0.86
4	Contributions/Donations To Outside Institute / Association					
5	Electricity Charges To Offices	10.26	10.26	22.37	11.50	11.60
6	Water Charges	0.01	0.01	0.02	0.01	0.01
7	Consultancy expenses /Any Study related expenses					
8	Miscellaneous Expenses	27.06	27.06	35.16	30.31	30.59
9	Expenses on Public Interaction Program				-	-
10	Any Other expenses	24.99	24.99	72.30	27.99	28.24
	Sub-Total of other charges	69.67	69.67	135.94	78.04	78.75
C)	Legal Charges	1.29	1.29	1.25	1.45	1.46
D)	Auditor'S Fee	0.45	0.45	0.46	0.51	0.51
E)	Freight - Material Related Expenses					
F)	Other Departmental Charges					
	Additional A&G expenses(@2.5% of incremental GFA)	-	-	-	4.02	14.85
G)	Total Charges	79.51	79.51	154.05	93.09	104.73
H)	Expenses capitalized	22.44	22.44	22.03	13.96	15.71
I)	Net Administrative and General expenses	57.08	57.08	132.01	79.12	89.02


 अधिकारी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

109

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited

Fixed Assets and Provision for Depreciation

Sl.No	Particulars	FY 2013-14										
		Gross Fixed Assets				Provision For Depreciation				Net Fixed Assets		
		At Begning of Year	Addition During Year	Adjustments & Deduction	At End of Year	Rate of Depreciation	At Begning of Year	Addition During Year	Adjustments & Deduction	At End of Year	At The begning of Year	At the End of Year
1	Land & Land rights											
	a. Unclassified											
	b. Free hold land											
2	Buildings											
3	Other civil works											
4	Plant and machinery											
5	Transmission and Distribution system (Lines, cable network etc.)											
6	Meters and other Metering Equipment											
7	Communication equipment											
8	Vehicles											
9	Furniture and fixtures											
10	Office equipments											
11	Intangible Assets											
	a. Computer Software											
	b. Investment in capacity argumentation											
	c. Others											
12	Assets taken over & pending final valuation											
13	Transfer Schemes											
	Total (1 to 13)	6,278.29	1,286.72	698.94	6,866.05	7.84%		515.16				
	Less. Dep on Assets Capitalized through Consumer Contribution							78.04				
	Net Depreciation							437.12				

सचिव (वित्त) (अधीनस्थ)
 पश्चिमंचल विद्युत वितरण निगम लिमिटेड
 बिक्रमपुर बाजार, नरसिंहपुर

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited

Fixed Assets and Provision for Depreciation

Form No: 38

Sl.No	Particulars	FY 2014-15											
		Gross Fixed Assets				Rate of Depreciation	Provision For Depreciation				Net Fixed Assets		
		At Begning of Year	Addition During Year	Adjustments & Deduction	At End of Year		At Begning of Year	Addition During Year	Adjustments & Deduction	At End of Year	At The begning of Year	At the End of Year	
1	Land & Land rights												
	a. Unclassified												
	b. Free hold land												
2	Buildings												
3	Other civil works												
4	Plant and machinery												
5	Transmission and Distribution system (Lines, cable network etc.)												
6	Meters and other Metering Equipment												
7	Communication equipment												
8	Vehicles												
9	Furniture and fixtures												
10	Office equipments												
11	Intangible Assets												
	a. Computer Software												
	b. Investment in capacity argumentation												
	c. Others												
12	Assets taken over & pending final valuation												
13	Transfer Schemes												
	Total (1 to 13)	6,866.06	1,305.38	773.66	7,397.78	7.84%		559.01					
	Less: Dep on Assets Capitalized through Consumer Contribution							88.60					
	Net Depreciation							470.42					

16
 पश्चिमांचल विद्युत वितरण निगम लि.
 पश्चिमांचल प्रदेश, भारत

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited

Fixed Assets and Provision for Depreciation

Form No: F8

Sl.No	Particulars	FY 2015-16										
		Gross Fixed Assets				Provision For Depreciation				Net Fixed Asset		
		At Begning of Year	Addition During Year	Adjustments & Deduction	At End of Year	Rate of Depreciation	At Begning of Year	Addition During Year	Adjustments & Deduction	At End of Year	At The begning of Year	At the End of Year
1	Land & Land rights											
	a. Unclassified											
	b. Free hold land											
2	Buildings											
3	Other civil works											
4	Plant and machinery											
5	Transmission and Distribution system (Lines, cable network etc.)											
6	Meters and other Metering Equipment											
7	Communication equipment											
8	Vehicles											
9	Furniture and fixtures											
10	Office equipments											
11	Intangible Assets											
	a. Computer Software											
	b. Investment in capacity argumentation											
	c. Others											
12	Assets taken over & pending final valuation											
13	Transfer Schemes											
	Total (1 to 13)	7,397.78	1,448.87	-	8,846.65	7.84%		636.65				
	Less, Dep on Assets Capitalized through Consumer Contribution							231.10				
	Net Depreciation							405.56				

अधिसूचना अधिनियम (पाश्चिमी)
 पश्चिमोत्तर विद्युत वितरण निगम लिमिटेड
 विद्युत वितरण विभाग, नैरट

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited


Fixed Assets and Provision for Depreciation

Form No: F8

Sl.No	Particulars	FY 2016-17										
		Gross Fixed Assets				Provision For Depreciation					Net Fixed Assets	
		At Begning of Year	Addition During Year	Adjustments & Deduction	At End of Year	Rate of Depreciation	At Begning of Year	Addition During Year	Adjustments & Deduction	At End of Year	At The begning of Year	At the End of Year
1	Land & Land rights											
	a. Unclassified											
	b. Free hold land											
2	Buildings											
3	Other civil works											
4	Plant and machinery											
5	Transmission and Distribution system (Lines, cable network etc.)											
6	Meters and other Metering Equipment											
7	Communication equipment											
8	Vehicles											
9	Furniture and fixtures											
10	Office equipments											
11	Intangible Assets											
	a. Computer Software											
	b. Investment in capacity argumentation											
	c. Others											
12	Assets taken over & pending final valuation											
13	Transfer Schemes											
	Total (1 to 13)	8,846.65	1,922.83	-	10,769.48	7.84%		768.82				
	Less; Dep on Assets Capitalized through Consumer Contribution							279.07				
	Net Depreciation							489.75				

अधिकाारी अधिकाारी (अधिकाारी)
 अधिकाारी अधिकाारी अधिकाारी अधिकाारी अधिकाारी
 अधिकाारी अधिकाारी अधिकाारी अधिकाारी अधिकाारी
 अधिकाारी अधिकाारी अधिकाारी अधिकाारी अधिकाारी

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Interest & Finance Charges					Form F-9	
S.No	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
A	Interest and Finance Charges on Long Term Loans / Credits from the FIs/banks/organisations approved by the State Government					
	Interest on Bonds	136.10	136.10	356.58	0.00	0.00
	Interest on Long Term Loans	293.31	185.69	360.31	369.65	503.93
	Interest on Working Capital	551.52	70.93	550.04	68.66	112.33
	Total Interest Charges	980.92	392.72	1,266.93	438.32	616.26
	Finance Charges					
	Interest to Consumers	70.49	70.49	92.15	105.19	106.25
	Bank Charges	-	-	-	-	-
	Discount to Consumers	-	-	-	-	-
	Finance Charges/Guarantee fees	13.14	13.14	14.00	14.15	14.28
Total Finance Charges	83.63	83.63	106.15	119.34	120.53	
Gross Interest and Finance Charges	1,064.55	476.35	1,373.08	557.66	736.79	
IDC	3.05	3.05	-	85.02	115.90	
Net Interest and Finance Charges	1,061.51	473.30	1,373.08	472.64	620.89	


 अधिशासी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

पश्चिमांचल विद्युत वितरण निगम लि०
 विशदौरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Domestic loans, bonds and financial leasing (Normative Loans)						Form No: F9 (a)
Particulars	Opening Balance at the beginning as on April 1, 2013	Amount received during the year	Principal repayment during the year	Interest		Closing Balances as on March 31, 2014
In Rs Crore	Amt Rs. Cr	Amt Rs. Cr	Amt Rs. Cr	Amt Rs. Cr	Rate %	Amt Rs. Cr
Long Term Loans						
Go UP (T/Scheme)						
Go UP-APDRP						
Go UP World Bank						
UPSIDCL						
Hudco						
REC (T/Scheme)						
PFC (Transfer Scheme)						
REC (APDRP)						
REC (Bridge Loan)						
PFC (T/Scheme)						
PFC (R-APDRP)						
PFC (Business Plan)						
REC (Sub Station Loan)						
REC (ABC Loan)						
PFC (R-APDRP Part B)						
Interest Accrued but not due						
REC (WC)						
REC (Transfer S)						
Bank Loans (FRP)						
PFC						
REC						
Noida+ Mandi Parishad						
Total	1,356.17	700.36	437.12	185.69	12.48%	1,619.41

उत्तराखण्ड विद्युत वितरण निगम लि.
 पंचसौरा नगर, नैनीताल
 उत्तराखण्ड (गौरीगढ़)

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Domestic loans, bonds and financial leasing (Normative Loans)						Form No: F9 (a)
Particulars	Opening Balance at the beginning as on April 1, 2014	Amount received during the year	Principal repayment during the year	Interest		Closing Balances as on March 31, 2015
				Amt Rs. Cr	Rate %	
In Rs Crore	Amt Rs. Cr	Amt Rs. Cr	Amt Rs. Cr	Amt Rs. Cr	Rate %	Amt Rs. Cr
Long Term Loans						
Go UP (T/Scheme)						
Go UP-APDRP						
Go UP World Bank						
UPSIDCL						
Hudeo						
REC (T/Scheme)						
PFC (Transfer Scheme)						
REC (APDRP)						
REC (Bridge Loan)						
PFC (T/Scheme)						
PFC (R-APDRP)						
PFC (Business Plan)						
REC (Sub Station Loan)						
REC (ABC Loan)						
PFC (R-APDRP Part B)						
Interest Accrued but not due						
REC (WC)						
REC (Transfer S)						
Bank Loans (FRP)						
PFC						
REC						
Noikla+ Mandi Parishad					12.42%	
Total	1,619.41					2,352.01

पश्चिमोत्तर विद्युत वितरण निगम लि.
 विकटोरिया पार्क, मेरठ

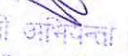
अधिकारी के अधिकार (वर्गीकृत)

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Domestic loans,bonds and financial leasing (Normative Loans)						Form No: F9 (a)
Particulars	Opening Balance at the beginning as on April 1, 2015	Amount received during the year	Principal repayment during the year	Interest		Closing Balances as on March 31, 2016
				Amt Rs. Cr	Rate %	
In Rs Crore	Amt Rs. Cr	Amt Rs. Cr	Amt Rs. Cr	Amt Rs. Cr	Rate %	Amt Rs. Cr
Long Term Loans						
Go UP (T/Scheme)						
Go UP-APDRP						
Go UP World Bank						
UPSIDCL						
Hudco						
REC (T/Scheme)						
PFC (Transfer Scheme)						
REC (APDRP)						
REC (Bridge Loan)						
PFC (T/Scheme)						
PFC (R-APDRP)						
PFC (Business Plan)						
REC (Sub Station Loan)						
REC (ABC Loan)						
PFC (R-APDRP Part B)						
Interest Accrued but not due						
REC (WC)						
REC (Transfer S)						
Bank Loans (FRP)						
PFC						
REC						
Noida+ Mandli Parishad						
Total	2,352.01	1,625.05	405.56	369.65	12.48%	3,571.51


पश्चिमोत्तर बिजुल वितरण निगम लि०
विकसितिया पार्क, मेरठ
पश्चिमोत्तर बिजुल वितरण निगम लि०
(पश्चिमोत्तर)

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Domestic loans, bonds and financial leasing (Normative Loans)						Form No: F9 (a)
Particulars	Opening Balance at the beginning as on April 1, 2016	Amount received during the year	Principal repayment during the year	Interest		Closing Balances as on March 31, 2017
				Amt Rs. Cr	Rate %	
In Rs Crore	Amt Rs. Cr	Amt Rs. Cr	Amt Rs. Cr	Amt Rs. Cr	Rate %	Amt Rs. Cr
Long Term Loans						
Go UP (T/Scheme)						
Go UP-APDRP						
Go UP World Bank						
UPSIDCL						
Hudco						
REC (T/Scheme)						
PFC (Transfer Scheme)						
REC (APDRP)						
REC (Bridge Loan)						
PFC (T/Scheme)						
PFC (R-APDRP)						
PFC (Business Plan)						
REC (Sub Station Loan)						
REC (ABC Loan)						
PFC (R-APDRP Part B)						
Interest Accrued but not due						
REC (WC)						
REC (Transfer S)						
Bank Loans (FRP)						
PFC						
REC						
Noida+ Mandi Parishad						
Total	3,571.51	1,421.92	489.75	503.93	12.48%	4,503.67

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Details of Expenses Capitalised						Form -10
Sl.No.	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
1	Interest & Finance charges Capitalised	3.05	3.05	-	85.02	115.90
2	Other expenses capitalised:					
	a. Employee expenses	141.86	141.86	186.25	67.06	70.85
	b. R&M Expenses					
	c. A&G Expenses	22.44	22.44	22.03	13.96	15.71
	d. Others, if any					
	Total of 2	164.29	164.29	208.29	81.02	86.56
	Grand Total	167.34	167.34	208.29	166.04	202.46



 अधिशासी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विकटोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Debits, Write-offs and any other items						Form-11
Sl.No.	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
1	Material Cost Variance					
2	Miscellaneous Losses And Write Off					
3	Bad Debt Written Off/Provided For	5.31	54.64	20.17	68.50	37.31
4	Cost Of Trading & Manufacturing Activities					
5	Net Prior Period Credit/Charges	159.60	159.60	80.72	0.00	0.00
6	Sub-Total	164.91	214.24	100.89	68.50	37.31
7	Less Chargeable To Capital Expense					
	Net Chargeable To Revenue	164.91	214.24	100.89	68.50	37.31


 अधिकारी अविनता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

120


Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited					
Statement of Sundry Debtors and provision for Bad & Doubtful Debts					Form No: F12
Sl.No.	Particulars	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		True-Up	Provisional Accounts	Revised Estimates	ARR
1	Receivable from customers as at the beginning of the year	2,811.07	2,731.86	3,036.61	3,424.87
2	Revenue billed for the year	9,025.95	9,871.54	12,942.15	15,303.76
3	Collection for the year	9,105.15	9,566.80	12,553.89	14,997.69
	Against current dues				
	Against arrears upto previous year				
4	Gross receivable from customers as at the end of the year	2,731.86	3,036.61	3,424.87	3,730.95
5	Receivables against permanently disconnected consumers				
6	Receivables(4-5)	2,731.86	3,036.61	3,424.87	3,730.95
7	% of provision	2.00%	2.00%	2.00%	1.00%
8	Provision for bad and doubtful debts	5.31	54.64	68.50	37.31


 अधिशासी अतिरिक्त (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Extraordinary Items					Form No: E13	
Sl.No.	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
1	Extraordinary Credits					
	subsidies against losses due to natural disasters					
	TOTAL CREDITS					
2	Extraordinary Debits					
	subsidies against losses due to natural disasters					
	TOTAL DEBITS					
	Grand Total					

अविश्वसनीयता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited						
Net Prior Period Expenses / Income						Form No: F14
Sl.No.	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
A	Income relating to previous years:					
1	Interest income for prior periods					
2	Income Tax prior period					
3	Excess Provision for Depreciation	0.11	0.11	-		
4	Excess Provision for Interest and Fin. Charges	8.05	8.05	0.08		
5	Receipts from consumers					
6	Other Excess Provision					
7	Others					
	Sub-Total A	8.16	8.16	0.08	0.00	0.00
B	Expenditure relating to previous years					
1	Power Purchase	121.28	121.28	0.00		
2	Operating Expenses	2.02	2.02	0.01		
3	Excise Duty on generation					
4	Employee Cost	8.08	8.08	6.86		
5	Depreciation		0.00			
6	Interest and Finance Charges	36.24	36.24	73.93		
7	Admn. Expenses	0.15	0.15	-		
8	Withdrawal of Revenue Demand					
9	Material Related					
10	Others		0.00			
	Sub-Total B	167.76	167.76	80.80	0.00	0.00
	Net prior period Credit/(Charges) : A-B	159.60	159.60	80.72	0.00	0.00



 अधिशासी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 दिवदोरिया पार्क, मेरठ

163

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited								
Contributions, Grants and subsidies towards Cost of Capital Assets								Form No: F15
Sl No	Particulars	Previous Year			Current Year		Ensuing Year	
		Balance at the beginning of the year	Net Additions during the Year	Balance at the end of the Year	Net Additions during the Year	Balance at the end of the Year	Net Additions during the Year	Balance at the end of the Year
1	Consumer Contribution Towards Cost Of Capital Assets (Net)	1,204.48	157.15	1,361.64	178.58	1,540.22	120.93	1,661.15
2	Consumer Contribution towards Metering Systems							
3	Others							
	Sub-Total	1,204.48	157.15	1,361.64	178.58	1,540.22	120.93	1,661.15
4	Subsidies Towards Cost Of Capital Asset							
5	Grant Towards Cost Of Capital Assets							
6	Others							
	Sub-Total							
	Total	1,204.48	157.15	1,361.64	178.58	1,540.22	120.93	1,661.15

पश्चिमोत्तर विद्युत वितरण निगम लि०
 सिविलरिवा फार्क, मेरठ
 अतिरिक्त अधिकारी (वित्तिय)

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited					
Statement of Assets Not in Use					Form No: F17
	Financial Year*				
Sl. No.	Date of Acquisition/Installation	Historical Cost/Cost of Acquisition	Date of withdrawal operations	Accumulated Depreciation on date of withdrawal	Written down value on date of withdrawal
	NIL				
*Note:- Information to be provided for Previous Year, Current Year & Ensuing Year					


 अधिकाारी अभियन्ता (दागिज्ज)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited				
Current Assets & Liabilities				Form No: F19
Sl.No	Particulars	FY 2013-14	FY 2014-15	FY 2015-16
A	Current Assets, Loans and Advances			
	Sundry Debtors			
	Inventories			
	Cash and Bank Balances			
	Loans and Advances			
	Other current assets			
B	Current Liabilities and Provisions			
	Sundry Creditors			
	Provisions			
	Other Current Liabilities			
C	NET CURRENT ASSETS (A - B)			


The Hon'ble Commission in the True up Order for FY 2008-09 to FY 2011-12 dated 01st October, 2014 and True order for FY 2012-13 dated 18th June 2015 had adopted a normative tariff approach towards capital structure. This entailed that regulatory balances towards equity, GFA, accumulated depreciation, loans, etc would be different from financial statements. Hence, Forms S2, S3 and F19 have become infrutuous as they would not match with financial statements. Considering the above, the Licensee seeks waiver from filing the Form Nos S2, S3 and F19.

अधिकाारी अभिवन्ता (वाणिज्य)
परिचालन विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited
Capital Investment Plan for FY 2016-17

Additional Form

Particulars	Capital Investment Plan				
	Physical	Loans	Equity / Internal Accruals	Deposit Works	Total
Energisation of PTW Connections	8550	63.09	27.04		90.14
Electrification of villages under Dr. Ram Manohar Lohia Samagr Vikas Yojna Scheme	208	68.64	29.42		98.05
33 kV / 11 kV Works under Business Plan					
a) 33 kV Works	0	0.00	0.00		0.00
Construction of new 33/11 kV S/s and associated 33 kV lines	38	106.30	45.56		151.85
Increasing capacity of 33 / 11 kV S/s	65	35.27	15.12		50.39
33 kV link line	460	32.56	13.95		46.51
Replacement of damaged/obsolete 33kV VCB & Switchgears and higher capacity of conductor, poles, S/s apparatus, etc.	150	5.43	2.33		7.75
b) 11 kV Works					
11 kV new line (bifurcation of feeders, link lines, etc)	150	5.13	2.20		7.33
11/0.4 kV S/s (25, 63 & 100 kVA)	150	3.26	1.40		4.65
11/0.4 kV S/s (250 & 400 kVA)	40	1.79	0.77		2.56
11/0.4 kV S/S Increasing Capacity (25 to 63 and 63 to 100 KVA)	300	3.26	1.40		4.65
11/0.4 kV S/S Increasing Capacity (100 to 250 kVA and 250 to 400 kVA)	45	2.03	0.87		2.89
Strengthening of 11 kV Line	200	3.09	1.33		4.42
11/0.4 kV S/s providing extra LT Distributors / DO fuse set and LT Distribution pillar box	300	3.26	1.40		4.65
Strengthening of LT line (Replacement of damaged conductors / jarjar poles / jarjar lines with higher capacity of conductors, etc)	200	2.39	1.02		3.41
Strengthening of HT line	0	0.00	0.00		0.00
Replacement of damaged/obsolete 11kV OCB / VCB, etc	230	7.60	3.26		10.85
Double Metering of consumers	0	1.52	0.65		2.17
LT Aerial Bunch Conductors	60	5.43	2.33		7.75
System Augmentation of Distribution Network	22	147.07	63.03		210.09
Capital Works under Vyapar Vikas Nidhi	0	108.52	46.51		155.03
33/11 kV Substations under Tehsil Scheme	31	135.28	57.98		193.26
33/11 kV Substations under CM's declaration	4	12.15	5.21		17.36
Feeder Segregation Scheme	0	126.25	54.11		180.36
RGGVY Phase II (11th Plan Pending Works)	0	12.81	5.49		18.30
RGGVY Phase II (12th Plan)	0	18.54	7.95		26.49
Other Misc Works	0	62.29	26.70		88.99
R-APDRP Part A	0	74.73	32.03		106.76
R-APDRP Part B	0	374.25	160.39		534.64
Deposit Works	0	0.00	0.00	400.00	400.00
Total		1421.92	609.39	400.00	2431.31


 अपिशासी अभियन्ता (काणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited
Capital Investment Plan for FY 2015-16

Additional Form

Particulars	Capital Investment Plan				
	Physical	Loans	Equity / Internal Accruals	Deposit Works	Total
Energisation of PTW Connections	8800	84.76	36.32		121.08
Electrification of villages under Dr Ram Manohar Lohia Samagr Vikas Yojna Scheme	8800	92.06	39.46		131.52
33 kV / 11 kV Works under Business Plan	8800	0.00	0.00		0.00
a) 33 kV Works	8800	0.00	0.00		0.00
Construction of new 33/11 kV S/s and associated 33 kV lines	8800	184.13	78.91		263.04
Increasing capacity of 33 / 11 kV S/s	8800	56.66	24.28		80.94
33 kV link line	8800	63.74	27.32		91.05
Replacement of damaged/obsolete 33kV VCB & Switchgears and higher capacity of conductor, poles, S/s apparatus, etc.	8800	11.33	4.86		16.19
b) 11 kV Works	8800	0.00	0.00		0.00
11 kV new line (bifurcation of feeders, link lines, etc)	8800	14.16	6.07		20.23
11/0.4 kV S/s (25, 63 & 100 kVA)	8800	8.50	3.64		12.14
11/0.4 kV S/s (250 & 400 kVA)	8800	10.62	4.55		15.18
11/0.4 kV S/S Increasing Capacity (25 to 63 and 63 to 100 KVA)	8800	5.67	2.43		8.09
11/0.4 kV S/S Increasing Capacity (100 to 250 kVA and 250 to 400 kVA)	8800	3.54	1.52		5.06
Strengthening of 11 kV Line	8800	11.33	4.86		16.19
11/0.4 kV S/s providing extra LT Distributors / DO fuse set and LT Distribution pillar box	8800	11.33	4.86		16.19
Strengthening of LT line (Replacement of damaged conductors / jarjar poles / jarjar lines with higher capacity of conductors, etc)	8800	10.62	4.55		15.18
Strengthening of HT line	8800	14.16	6.07		20.23
Replacement of damaged/obsolete 11kV OCB / VCB, etc	8800	17.00	7.28		24.28
Double Metering of consumers	8800	5.67	2.43		8.09
LT Aerial Bunch Conductors	8800	11.33	4.86		16.19
Underground cabling work - 11 and 33 kV	8800	28.33	12.14		40.47
Capital Works under Vyapar Vikas Nidhi	8800	213.66	91.57		305.23
33/11 kV Substations under Tehsil Scheme	8800	142.09	60.90		202.99
33/11 kV Substations under CM's declaration	8800	0.00	0.00		0.00
Feeder Segregation Scheme	8800	55.39	23.74		79.13
RGGVY Phase II (11th Plan Pending Works)	8800	42.63	18.27		60.90
RGGVY Phase II (12th Plan)	8800	75.61	32.40		108.01
Other Misc Works	8800	9.10	3.90		13.00
R-APDRP Part A	8800	67.39	28.88		96.27
R-APDRP Part B	8800	374.25	160.39		534.64
Deposit Works	8800	0.00	0.00	409.68	409.68
Total		1625.05	696.45	409.68	2731.18

अधिकाारी अभियन्ता (वाणिज्य)
पश्चिमोचल विद्युत वितरण निगम लि०
दिवटोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited							Additional Form
Capital Formation During FY 2014-15							
Detail	Balance 31- Mar-14	Investments	Cap interest	Cap expenses	To GFA	Depreciation	Balance 31- Mar-15
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Gross Fixed Assets	6,866.1	1,305.4	773.7			7.84%	7,397.8
Depreciation							559.0
Work in Progress	307.5	1,514.5	186.3	22.0	1,305.4		724.9


उत्तरांचल विद्युत वितरण निगम लि०
 पश्चिमांचल विद्युत वितरण निगम लि०
 विकसनेरिया पार्क, मेरठ

190

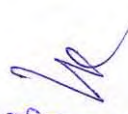
Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited							Additional Form
Capital Formation During FY 2016-17							
Detail	Balance 31-Mar-16	Invest-ments	Cap interest	Cap expenses	To GFA	Depreciation	Balance 31- Mar-17
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Gross Fixed Assets	8846.65	1922.83				7.84%	10,769.5
Depreciation							768.8
Work in Progress	2,173.3	2,431.3	70.8	131.6	1,922.8		2,884.2

पश्चिमचल विद्युत वितरण निगम लिमिटेड
 बिहार, भारत

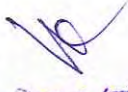
Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited							Additional Form
Capital Formation During FY 2015-16							
Detail	Balance 31-Mar-15	Invest-ments	Cap interest	Cap expenses	To GFA	Depreciation	Balance 31- Mar-16
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Gross Fixed Assets	7,397.8	1,448.9				7.84%	8,846.7
Depreciation	-						559.0
Work in Progress	724.9	2,731.2	152.1	14.0	1,448.9		2,173.3


 अधिशासी अधिकारी (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विकटोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited			
Revenue Assesment,Sales & Through Rate :FY 2015-16			Form No: T3
Consumer Category	Assessment Revenue	Electricity Sales	Through Rate
	Rs. Cr	MU	Rs./kWh
LMV-1: Domestic Light, Fan & Power	3,430.12	8,469.82	4.05
(a) Consumer getting supply as per "Rural Schedule"	501.95	3,947.88	1.27
(b) Supply at Single Point for Bulk Loads	26.14	0.58	450.04
(c) Other Metered Domestic Consumers	2,867.73	4,390.67	6.53
(d) Life Line Consumers	34.29	130.69	2.62
LMV-2: Non Domestic Light, Fan & Power	1,191.98	1,283.87	9.28
(a)Non-Domestic(Rural)	47.37	140.61	3.37
(b)Private Advertisements/Sign Boards/Glow Signs/Flex	0.12	0.07	18.00
(c)Non-Domestic (Urban Metered)	1,144.49	1,143.19	10.01
LMV-3: Public Lamps	166.61	251.04	6.64
LMV-4: Insitutions	214.81	275.24	7.80
(a) Public Institution	161.32	212.20	7.60
(b) Private Institution	53.49	63.04	8.49
LMV-5: Private Tube Wells	299.64	3,788.78	0.79
(a) Rural	279.73	3,754.17	0.75
(b) Urban	19.91	34.61	5.75
LMV 6: Small and Medium Power	993.78	1,177.54	8.44
LMV-7: Public Water Works	307.42	394.97	7.78
LMV-8: State Tubewells & Pumped Canals	156.91	333.31	4.71
LMV-9: Temporary Supply	176.50	190.95	9.24
LMV-10: Deptt. Empl. & Pensioners	25.45	112.74	2.26
HV-1: Non-Industrial Bulk Load	1,456.39	1,760.60	8.27
HV-2: Large & Heavy Power	4,477.07	5,967.01	7.50
HV-3: Railway Traction	45.24	67.96	6.66
HV-4: Lift Irrigation Works	0.24	0.22	10.92
Sub Total	12,942.15	24,074.06	5.38
Bulk & Extra State	-	-	-
Total	12,942.15	24,074.06	5.38


 अधिकारी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

Name of Distribution Licensee: Paschimanchal Vidyut Vitran Nigam Limited			
Revenue Assesment,Sales & Through Rate :FY 2016-17			Form No: T3
Consumer Category	Assessment Revenue	Electricity Sales	Through Rate
	Rs. Cr	MU	Rs./kWh
LMV-1: Domestic Light, Fan & Power	4,390.13	10,267.01	4.28
(a) Consumer getting supply as per "Rural Schedule"	614.92	4,297.77	1.43
(b) Supply at Single Point for Bulk Loads	26.47	0.70	380.67
(c) Other Metered Domestic Consumers	3,706.54	5,801.01	6.39
(d) Life Line Consumers	42.20	167.54	2.52
LMV-2: Non Domestic Light, Fan & Power	1,395.25	1,678.66	8.31
(a)Non-Domestic(Rural)	63.47	192.41	3.30
(b)Private Advertisements/Sign Boards/Glow Signs/Flex	0.15	0.08	18.00
(c)Non-Domestic (Urban Metered)	1,331.63	1,486.16	8.96
LMV-3: Public Lamps	206.03	313.38	6.57
LMV-4: Insitutions	273.74	351.59	7.79
(a) Public Institution	195.09	273.76	7.13
(b) Private Institution	59.96	77.83	7.70
LMV-5: Private Tube Wells	312.11	3,937.02	0.79
(a) Rural	291.80	3,901.72	0.75
(b) Urban	20.31	35.30	5.75
LMV 6: Small and Medium Power	1,267.98	1,561.87	8.12
LMV-7: Public Water Works	344.20	442.32	7.78
LMV-8: State Tubewells & Pumped Canals	162.08	343.43	4.72
LMV-9: Temporary Supply	212.06	241.94	8.77
LMV-10: Deptt. Empl. & Pensioners	26.44	143.99	1.84
HV-1: Non-Industrial Bulk Load	1,838.37	2,216.30	8.29
HV-2: Large & Heavy Power	4,847.68	6,465.99	7.50
HV-3: Railway Traction	46.14	69.19	6.67
HV-4: Lift Irrigation Works	0.24	0.22	10.92
Sub Total	15,322.45	28,032.91	5.47
Bulk & Extra State	-	-	-
Total	15,303.76	28,032.91	5.46


 अधिकासी अभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ

**ANNUAL REVENUE REQUIREMENT PETITION
FOR FY 2016-17**

ANNEXURE - 2

AUDITED BALANCE SHEET FOR FY 2013-14

भारतीय लेखा एवं लेखापरीक्षा विभाग
कार्यालय महालेखाकार
(आर्थिक एवं राजस्व लेखापरीक्षा), उ०प्र०
छठा तल, केन्द्रीय भवन, सेक्टर 'एच', अलीगंज
लखनऊ-226 024



Indian Audit & Accounts Department
Office of the Accountant General
(Economic and Revenue Sector Audit), U.P.
6th Floor, Kendriya Bhawan, Sector 'H'
Aliganj, Lucknow - 226 024

स्पीड पोस्ट / गोपनीय

पत्रांक: स.ले. (इ.एम्ड आर.एस.ए) / इ.एस-11 / लेखा / पी०वी०वी०नि०लि० / 2013-14 / 320
दिनांक: 6-10-15

सेवा में,

प्रबन्ध निदेशक
एशियाचल विद्युत वितरण निगम लिमिटेड,
विक्टोरिया पार्क,
मेरठ।

महोदय,

एतत्सह कम्पनी अधिनियम, 1956 की धारा 619(4) के अधीन पश्चिमांचल विद्युत वितरण निगम लिमिटेड, मेरठ के 31 मार्च 2014 को समाप्त होने वाले वर्ष के लेखों पर भारत के नियंत्रक-महालेखापरीक्षक की टीका-टिप्पणियों कम्पनी अधिनियम, 1956 की धारा 619(5) के निबन्धनों के अनुसरण में कम्पनी की वार्षिक सामान्य बैठक के समक्ष प्रस्तुत करने हेतु अप्रेषित की जा रही है। कृपया वार्षिक सामान्य बैठक के समक्ष इन टीका-टिप्पणियों के प्रस्तुत किये जाने की वास्तविक तिथि की सूचना दें।

The report has been prepared on the basis of information furnished and made available by the auditee. The Office of the Accountant General (Economic & Revenue Sector Audit), Uttar Pradesh disclaims any responsibility for any misinformation and/or non-information on the part of auditee.

कृपया पत्र की पावती भेजें।

संलग्नक: यथोपरि

भवदीया

अनीता मिश्रा

(दिनीता मिश्रा)
महालेखाकार

Dy. G.M. (Acctt.)
A.O.
A.A.O.(F)
A.A.O.(Acctt.)
General Manager (A&A)

दूरभाष / Phone : 0522-4929122, 2324170, 2323890 फैक्स / Fax : 0522-4080215

195

अधिकांसी अधिकता (वाणिज्य)
पश्चिमांचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

COMMENTS OF THE COMPTROLLER AND AUDITOR GENERAL OF INDIA UNDER SECTION 619 (4) OF THE COMPANIES ACT, 1956 ON THE ACCOUNTS OF PASCHIMANCHAL VIDYUT VITRAN NIGAM LIMITED FOR THE YEAR ENDED 31 MARCH 2014

The preparation of the Financial Statement of the Paschimanchal Vidyut Vitran Nigam Limited, Meerut for the year ended 31 March 2014 in accordance with the financial reporting framework prescribed under the Companies Act, 1956 is the responsibility of the management of the Company. The statutory auditors appointed by the Comptroller and Auditor General of India under Section 619(2) of the Companies Act, 1956 are responsible for expressing opinion on these financial statements under section 227 of the Companies Act, 1956 based on independent audit in accordance with the Auditing and Assurance Standards prescribed by their professional body, the Institute of Chartered Accountants of India. This is stated to have been done by them vide their Audit Report dated 20 April 2015.

I, on behalf of Comptroller and Auditor General of India have conducted a supplementary audit under Section 619(3) (b) of the Companies Act, 1956 of the financial statements of Paschimanchal Vidyut Vitran Nigam Limited, Meerut for the year ended 31 March 2014. This supplementary audit has been carried out independently without access to the working papers of the statutory auditors and is limited primarily to inquiries of the statutory auditors and company personnel and a selective examination of some of the accounting records. Based on my supplementary audit, I would like to highlight the following significant matters under Section 619(4) of the Companies Act, 1956 which have come to my attention and which in my view are necessary for enabling a better understanding of the Financial Statement and the related Audit Report:

Balance Sheet

Current Liabilities

1. Other Current Liabilities (Note No. 7): ₹ 3809.98 crore

As per Uttar Pradesh Electricity Regulatory Commission (UPERC) Fees and Fines Regulations Notification dated 27 April 2010, interest was payable on the delayed amount at the rate of 1.25 per cent per month, in case of default in payment of annual license fee. UPERC demanded an interest of ₹ 39.00 lakh for delayed deposit of annual license fee for the financial year 2007-08 to 2010-11 and 2013-14.

This has resulted in to understatement of other current liabilities as well as loss for the year each by ₹ 39.00 lakh.

Statement of Profit & Loss Account

Income

2. Revenue from sale of Power (Note 15) ₹ 5916.46 crore

The above amount of sale could not be verified by Statutory Auditors in absence of billing ledgers and it was accounted for on estimation basis (Commercial Statement-3 and 4 being part of the MIS).

as reported by them during the course of Audit of some of the divisions. However, during supplementary audit of 10 divisions, we found that sales accounted for by the four divisions (EUDD-V & VII Ghaziabad, EUDD-V Noida, and EUDD- III Meerut) was ₹ 309.93 crore against ₹ 272.16 crore shown in the billing ledger leading to overstatement of sale by ₹ 37.77 crore. In case of six divisions (EUDD-IV & VI Ghaziabad, EUDD-III & VI Noida, and EUDD-I & II Meerut) the sale was accounted for as ₹ 463.55 crore against ₹ 497.58 crore shown in the billing ledger leading to understatement of sales by ₹ 34.03 crore.

This established that sales of ₹ 8916.46 crore accounted for in the accounts was not in agreement with the books of account of the Company but accounted for on ad-hoc/estimation basis.

3. General

(a) Reconciliation Differences

Due to non reconciliation of the inter-company balances of Current Liabilities vis-a-vis Current Assets, a difference of ₹ 7.23 crore could not be taken in to account by the Company. This was also not disclosed in Notes on the Accounts.

Despite the comment of the Comptroller and Auditor General of India on the accounts of the Company for the year 2011-12 and 2012-13, no corrective action has been taken.

(b) The Government of Uttar Pradesh vide order dated 16.09.2014 converted the equity into grant of ₹ 86.20 crore. Despite, Accounts of the Company for the year 2013-14 have been approved by the BOD after the date of the order, this important event has not been disclosed in the accounts as per requirement of Accounting Standard-4.

(c) The Government of Uttar Pradesh vide order dated 17 December 2014 ordered that the interest liability due on UP Government loan as on 31 March 2014 of ₹ 187.68 crore has been converted in to Equity. The necessary adjustments were made out of State Budget by the GoUP during the year 2014-15. This important event has not been disclosed in the accounts as per requirement of Accounting Standard- 4.

(d) Contingent Liabilities

The company has neither provided for nor disclosed contingent liability of ₹ 21.40 lakh as Service Tax payable on supervision charges as per the provisions of Service Tax Rules on capitalised value of deposit work during the current year.

For and on behalf of the
Comptroller and Auditor General of India

Place: Lucknow
Date: 6-10-15

Vineta Sharma
Accountant General

be
अधिकारी जनियन्ता (वाणिज्य)
परिचालन विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

197

पश्चिमांचल विद्युत वितरण निगम लि०
PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.



ANNUAL ACCOUNTS FOR
THE YEAR 2013-14

Registered Office : Urja Bhawan Victoria Park, Meerut

अपभाती जयिवाता (वाणिज्य)
पश्चिमांचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ


CONTENTS


Sl. No.	Particulars
1	Balance Sheet
2	Profit & Loss Account
3	Schedule (1 to 22)
4	Notes on Account
5	Significant Accounting Policies
6	Cash Flow
7	Balance Sheet Abstract and Corporation's General Business Profile

PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD., MEERUT
BALANCE SHEET AS AT 31.03.2014

		(Rs. in Lacs)	
PARTICULAR	[NOTE]	As at 31.03.14	As at 31.03.13
A EQUITY AND LIABILITIES			
1 Shareholders funds:			
Share Capital	(1)	247820.33	189914.83
Reserve & Surplus	(2)	(942432.80)	(637781.39)
Money received under share warrants			
2 Share application money pending for allotment			
	(3)	76368.47	67995.70
3 Non-current liabilities			
Long-term borrowings	(4)	961659.46	60852.73
Deferred Tax Liabilities (Net)			
Other Long-Term Liabilities			
Other Long-Term Provisions			
4 Current liabilities			
Short-Term Borrowings	(5)	19672.25	20188.50
Trade payables	(6)	221502.14	381104.36
Other current liabilities	(7)	381898.27	985573.25
Short-Term Provisions			
Total		965588.12	850737.68
B ASSETS			
Non-current assets			
Fixed Assets			
Tangible Assets	(8)	686606.21	627828.77
Intangible Assets			
Assets in Possession of Transit		213.14	0.00
Capital Work-in-Progress		30749.44	22332.96
Intangible Assets under Development			
Non-Current Investments			
Deferred Tax Assets (Net)			
Long-Term loans and advances			
Other Non-Current Assets	(9)	0.00	2.00
Less-Accumulated Depreciation		<u>257056.98</u>	<u>246590.09</u>
		469511.81	403573.64
2 Current Assets			
Current Investments			
(a) Inventories			
Stores & Spares	(10)	31487.03	38793.92
(b) Trade receivables			
	(11)	273186.28	284106.85
(c) Cash and Bank			
	(12)	105258.71	92919.77
(d) Short-term loans and advances			
	(13)	34348.40	24792.18
(e) Other Current Assets			
	(14)	60795.89	19551.32
		509076.31	447164.01
Significant Accounting Policies			
Notes on Accounts			
Note 1 to 23 and Accounting Policies form integral part of Accounts			
TOTAL		965588.12	850737.68


(N.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

Place: Meerut
Date: 20/04/2015

Subject to our report of even date

For M/s R.P.L. & Co.
Chartered Accountants


CA Rajendra Kumar Gupta
Partner





अधिसारी अभियन्ता (वाणिज्य)
पश्चिमोच्चल विद्युत वितरण निगम लि०
विकटोरिया पार्क, मेरठ


PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT
STATEMENT OF PROFIT AND LOSS ACCOUNT FOR THE PERIOD FROM 01.04.13 TO 31.03.14

PARTICULAR	NOTE	(Rs. in Lacs)	
		FOR THE PERIOD FROM 01.04.13 TO 31.03.14	FOR THE PERIOD FROM 01.04.12 TO 31.03.13
INCOME			
Revenue from sale of power (Gross)		946943.57	765653.50
Less Electricity Duty		53297.80	31506.87
Energy internally Consumed	(15)	1026.44	1140.60
Other Income			
Other Income	(16)	16016.58	195182.76
TOTAL		1058689.69	930469.99
EXPENSES			
Cost of Materials Consumed			
Purchase of Power	(17)	1137420.79	854614.29
Changes in Inventories of Finished Goods, Work-in-Progress and Stock-in-Trade			
Transmission Charges		50544.93	41191.93
Employees Cost	(18)	25038.61	39227.50
Operation & Other Expenses	(19)	26990.98	29376.40
Finance Cost	(20)	106150.77	78421.67
Depreciation	(21)	21537.04	18540.29
Amortization of service line contribution & Grants etc.		(7803.67)	(6906.74)
TOTAL EXPENSES		1359879.45	1054465.34
Net Profit/(Loss) For the Year		(301190.76)	(123995.35)
Net prior period income/(Expenditure)	(22)	(15959.87)	(6339.38)
Exceptional Items			
Net Profit/(Loss)		(317150.63)	(130334.73)
Extra Ordinary Items			
Profit before Tax		(317150.63)	(130334.73)
Tax Expenses			
Accumulated loss brought forward		(758292.14)	(627957.41)
Accumulated Profit/(Loss) Carried Over to Reserve & Surplus Note-2		(1075442.77)	(758292.14)
Notes on Accounts	(23)		
Earning per share(in Rs.)		(1250)	(709)


(H.K. Agarwal)
 Company Secretary
 Part Time


(P.K. Agarwal)
 Dy. G.M.(Accounts)


(R.P. Gupta)
 Director(Finance)



(Vijay Vishwas Pant)
 Managing Director

Subject to our report of even date

Place: Meerut
 Date: 20/04/2015

For M/s R.P.L. & Co.
 Chartered Accountants




 CA Rajendra Kumar Gupta
 Partner

अधिकाशी अभियन्ता (वाणिज्य)
 पश्चिमोचल विद्युत वितरण निगम लि०
 विक्टोरिया पार्क, मेरठ


**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**


NOTE-1

SHARE CAPITAL

PARTICULARS	(Rs. in Lacs)	
	As at 31.03.14	As at 31.03.13
A. AUTHORISED	500000.00	500000.00
* 50000000 (Previous Year 50000000) Equity Shares of Rs.1000/- each		
B. ISSUED SUBSCRIBED AND PAID UP		
(i) 24781533(18390963) Equity Share of Rs.1000/- each fully paid up allotted to UPFCL	247815.33	183909.63
(ii) Promoters' Shares (500 Equity Share of Rs. 1000/- each)	5.00	5.00
TOTAL	247820.33	183914.63


(H.K. Agarwal)
Company Secretary



(P.K. Agarwal)
Dy. G.M.(Accounts)


(R.P. Gupta)
Director(Finance)



(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants




CA Rajendra Kumar Gupta
Partner

202


अधिसारी अभियन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ


**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-2

RESERVES AND SURPLUS

(Rs. in Lacs)		
PARTICULARS	As at 31.03.14	As at 31.03.13
A. Capital Reserve		
Consumers Contributions towards Service Line and other charges		
As per last Balance Sheet	112897.11	100298.85
Add: Received during the year	20302.43	18999.14
	133299.54	119297.99
Less: Transfer to P/L Account	7263.10	6300.88
	126036.44	112997.11
B. Grants		
As per last Balance Sheet	7451.19	8096.22
Add: Received during the year	0.00	(257.48)
	7451.19	7838.74
Less: Transfer to P/L Account	540.56	387.55
	6910.63	7451.19
C. Restructuring reserve account		
As per last Balance Sheet	62.45	62.45
Add: Received during the year	0.45	
	62.90	62.45
D. Surplus in the statement of P/L Account		
As per last Balance Sheet	(758292.14)	(627957.41)
Add: Profit/(Loss) for the year	(317150.63)	(130334.73)
	(1075442.77)	(758292.14)
GRAND TOTAL	(942432.80)	(637781.39)


(H.K. Agarwal)
Company Secretary
Part Time



(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants




CA Rajendra Kumar Gupta
Partner


अधिसासी अभियन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

203

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-3

SHARE APPLICATION MONEY


PARTICULARS	(Rs. in Lacs)	
	As at 31.03.14	As at 31.03.13
SHARE APPLICATION MONEY		
(Pending for allotment to UPPCL)	76368.47	63905.70
Total	76368.47	63905.70

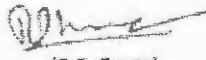
Reconciliation of Share Application Money			(Rs. in Lacs)
Share Application Money as on 31.03.2013	Received during the year	Allotted during the year	Share Application Money as on 31.03.2014
63905.70	76368.47	63905.70	76368.47


NOTE:

E- Nos. of share proposed to be issued : 6774846



(H.K. Agarwal)
Company Secretary


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants


CA Rajendra Kumar Gupta
Partner





अधिकाारी अभियन्ता (लाणज्ज)
पश्चिमोच्चल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरुठ


204


PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT


Reconciliation of the number of shares and amount outstanding at the beginning and at the end of the reporting period:

PARTICULARS	Opening Balance	Fresh Issue	Bonus	ESOP	Conversion	Buy Back	Closing Balance
Issued, Subscribed & Paid-up Equity shares fully paid up As on 01.04.2013							
- Number of shares	18391463	-	-	-	-	-	18391463
- Amount (Rs.)	18391463000.00	-	-	-	-	-	18391463000.00
Year ended 31 March, 2014							
- Number of shares	18391463	6390570	-	-	-	-	24782033
- Amount (Rs.)	18391463000.00	6390570000.00	-	-	-	-	24782033000.00


(H.K. Agarwal)
Company Secretary



(P.K. Agarwal)
Dy. G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants




CA Bhendra Kumar Gupta
Partner

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**


Details of shares held by the holding company, the ultimate holding company, their subsidiaries and associates


PARTICULARS	Equity Shares with voting rights Number of shares			
As at 31.03.14 UPPCL, the holding company	24781533			
As at 31.03.13 UPPCL, the holding company	18390963			
Details of shares held by each shareholder holding more than 5% shares:				
Class of shares/Name of shareholder	As at 31.03.14		As at 31.03.13	
	Number of shares held	% holding in that class of shares	Number of shares held	% holding in that class of shares
Equity shares with voting rights UPPCL	24781533	99.99	18390963	99.99


The Company has only one class of equity shares having par value of Rs. 1000/- per share.

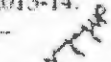
The shares allotted during 5 years immediately preceeding the Balance Sheet date are:-

1. 2450744 fully paid Equity shares of Rs. 1000 each were allotted in the year 2010-11.
2. 10341183 fully paid Equity shares of Rs. 1000 each were allotted in the year 2012-13.
3. 6390570 fully paid Equity shares of Rs. 1000 each were allotted in the year 2013-14.


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants



CA Rajendra Kumar Gupta
Partner

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-4

LONG TERM BORROWINGS

PARTICULARS	(Rs. in Lacs)			
	Non-Current		Current Maturities	
	As at 31.03.14	As at 31.03.13	As at 31.03.14	As at 31.03.13
A. Secured Loan				
9.68% SECURED LOAN NON CONVERTABLE BONDS	295480.19	0.00	0.00	0.00
(a) Terms Loan				
(i) APDRP(PEC)	6093.80	8368.41	2274.61	2274.61
(Secured against hypothecation of all the movable assets)				
(ii) R-APDRP(PEC)	27370.99	21700.99	0.00	0.00
(Secured against hypothecation of all the movable assets)				
(iii) R-APDRP(PEC)	8093.47	0.00	0.00	0.00
(iv) REC	6517.48	6940.01	422.55	422.55
(For replacement of Overhead conductor with AICC conductor)				
(Secured against hypothecation of all the assets created under the loan)				
(v) REC	13671.82	9676.08	760.98	0.00
(Construction of 33 KV S/S. Secured against hypothecation of 33/11 KV created/to be created and charge on receivable of specified receipt accounts through escrow arrangements)				
(vi) REC	0.00	611.95	0.00	0.00
(Feeder Segregation. Secured against hypothecation of assets created/to be created and charge on receivable of specified receipt accounts through escrow arrangements)				
(vii) PEC	1244.73	1742.62	497.89	497.89
(Against theft prevention scheme, secured against hypothecation of assets)				
(b) Short Terms Loan				
(i) REC	2424.24	2424.24	0.00	10909.09
(Secured against hypothecation of stores and charge on receivables of specified receipt accounts through escrow arrangements)				
Total	360596.70	51464.30	3965.03	14104.14
B. Unsecured Loan				
(i) Transfer Scheme				
CoUP	375.00	375.00	0.00	0.00
REC	16460.98	17415.40	1045.38	1045.38
PEC	103.47	243.14	182.39	225.13
Total	16939.45	18033.54	1227.77	1270.51

[Handwritten Signature]

[Handwritten Signature]

[Handwritten Signature]



cont...2

207

(ii) Loan by UPPCL on behalf of PVVNL

ii(a) Other than Bank

UP Govt. (APDRP)	0.00	1508.35	0.00	2743.29
UP Govt. (World Bank aided projects)	0.00	6154.04	0.00	2401.40
HUDCO	16424.93	23326.17	9084.95	10329.30
REC	74449.08	43500.00	0.00	0.00
PEC	74991.06	72617.46	0.00	0.00
Total	165865.07	147106.02	9084.95	15473.99


ii(b) Loan from Bank

Central Bank of India	53777.31	51009.85	0.00	0.00
State Bank of India	19809.43	18812.67	0.00	0.00
Union Bank of India	36620.76	34290.87	0.00	0.00
Allahabad Bank	25338.88	43292.49	0.00	0.00
Dena Bank	11416.72	10795.87	0.00	0.00
Indian Overseas Bank	14488.48	13506.11	0.00	0.00
Canara Bank	47216.26	44620.70	0.00	0.00
Punjab National Bank	61851.90	57671.71	0.00	0.00
Vijaya Bank	15329.33	15589.91	0.00	0.00
Bank of Maharashtra	7713.68	7301.78	0.00	0.00
United Commercial Bank	25070.95	23708.54	0.00	0.00
Bank of Baroda	10048.92	9362.03	0.00	0.00
Oriental Bank of Commerce	31498.30	29600.21	0.00	0.00
Bank of India	12601.32	12018.35	0.00	0.00
South Indian Bank	3236.91	3043.56	0.00	0.00
Punjab & Sind Bank	15375.78	14338.04	0.00	0.00
Federal Bank	1525.70	1432.82	0.00	0.00
Corporation Bank	18947.20	17807.00	0.00	0.00
Syndicate Bank	5547.76	5297.06	0.00	0.00
Karnat Vysaya Bank	592.56	529.30	0.00	0.00
Total	417958.24	414228.87	0.00	0.00

GRAND TOTAL	961659.46	630832.73	14277.75	30848.64
--------------------	------------------	------------------	-----------------	-----------------

Note: Loans taken by the holding company UPPCL & apportioned between the Discoms have been shown under item B-ii(a) & ii(b).


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants



CA Rajendra Kumar Gupta
Partner

अधिकासी अभियन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत् वितरण निगम लि०
दिल्ली-मेरठ

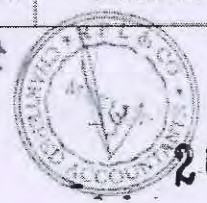
DISCLOSURE OF BORROWINGS AS REQUIRED IN REVISED SCHEDULE -VI

Name of the Institution	Repayment Terms						Outstanding as on 31-03-2014
	Drawl Date	Date of Restru-	Installment	Repayment Due	ROI (%)	Guaranteed	Principal
PFC- APDRP							
08821001	14.12.04		40	15.04.14	9.00%	hypothecation of the all movable assets of the Project.	55154834.00
	13.10.05				8.50%		
	22.03.06				8.75%		
08821003	14.12.04		40	15.04.14	9.00%	hypothecation of the all movable assets of the Project.	86840000.00
	16.09.05				8.50%		
	22.02.06				8.75%		
	31.03.06				8.75%		
08821004	01.08.05		40	15.04.14	8.50%	hypothecation of the all movable assets of the Project.	49353027.00
	27.01.06				8.75%		
	13.10.06				10.75%		
	29.09.08				14.00%		
08821005	01.08.05		40	15.04.14	8.50%	hypothecation of the all movable assets of the Project.	61250000.00
	22.02.06				8.75%		
	14.04.06				9.50%		
	29.06.06				10.00%		
08821006	01.08.05		40	15.04.14	8.50%	hypothecation of the all movable assets of the Project.	34141825.00
	15.12.05				8.50%		
	22.02.06				8.75%		
08821007	01.08.05		40	15.04.14	8.50%	hypothecation of the all movable assets of the Project.	26249999.00
	27.01.06				8.75%		
	24.04.06				9.50%		
	26.06.06				10.00%		
08821008	01.08.05		40	15.04.14	8.50%	hypothecation of the all movable assets of the Project.	26250001.00
	23.12.05				8.50%		
	31.03.06				8.75%		
	21.11.06				10.75%		
08821009	01.08.05		40	15.04.14	8.50%	hypothecation of the all movable assets of the Project.	27999999.00
	21.11.06				10.75%		
	21.03.07				12.00%		
08821010	01.08.05(Adv.)		40	15.04.14	8.50%	hypothecation of the all movable assets of the Project.	9597516.00
	27.01.06				8.75%		
08821011	01.08.05		40	15.04.14	8.50%	hypothecation of the all movable assets of the Project.	26249999.00
	23.12.05				8.50%		
	31.03.06				8.75%		
	11.05.06				9.50%		
	29.08.06				10.75%		
08821012	01.08.05		40	15.04.14	8.50%	hypothecation of the all movable assets of the Project.	13588091.00
	14.02.06				8.75%		
	02.05.06				9.50%		
	28.04.06				9.50%		
08821013	10.08.06		40	15.04.14	10.75%	hypothecation of the all movable assets of the Project.	85706949.00
	08.01.07				10.75%		
	21.03.07				12.00%		
	14.02.07				11.25%		
08821014	08.03.07		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	43395625.00
	22.03.07				12.00%		
	26-02-08				12.00%		
08821015	06-05-08 Claim		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	26842500.00
	29.09.08				14.00%		
	14.02.07				11.25%		
08821016	16.03.07		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	33975000.00
	14.02.07				11.25%		
08821017	14.02.07		40	15.04.14	11.25%	hypothecation of the all movable assets of the Project.	19293750.00
	28.02.07				11.25%		

Upad *B.M.S*

Deh

Upad



209

अधिकासी आभियन्ता (वाणिज्य)
 पश्चिमोत्तर विद्युत वितरण निगम लि०
 दिवटोरिया थार्क, मेरठ

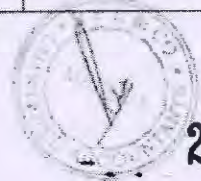
08821018	14.02.07		40	15.04.14	11.25%	hypothecation of the all movable assets of the Project.	14478750.00
	08.03.07				12.00%		
08821019	14.02.07		40	15.04.14	11.25%	hypothecation of the all movable assets of the Project.	15558750.00
	02.03.07				11.25%		
08821020	26.02.08		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	8808300.00
	28.07.08				12.50%		
08821022	14.02.07		40	15.04.14	11.25%	hypothecation of the all movable assets of the Project.	14040000.00
	26.03.07				12.00%		
08821023	14.02.07		40	15.04.14	11.25%	hypothecation of the all movable assets of the Project.	8576334.00
	21.03.07				12.00%		
08821025	22.03.07		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	15849534.00
08821026	27.02.08 Adv.		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	9726750.00
08821027	27.02.08		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	82754999.00
	29.05.08				12.00%		
	28.07.08				12.50%		
	29.09.08				14.00%		
08821028	27-02-08 Adv.		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	4455000.00
08821029	27.02.08		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	14557779.00
	27.02.08 Adv.				12.00%		
08821030	27-02-08		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	19654850.00
	29-09-08				14.00%		
08821031	27-02-08 Adv.		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	1120500.00
08821032	27-02-08 Adv.		40	15.04.14	12.00%	hypothecation of the all movable assets of the Project.	1370250.00
SubTotal							836840911.00
PFC-R-APDRP Part-A	31.10.09/ 06.06.13				11.50%	newly financed projects of hardware software.	1176033600.00
PFC-R-APDRP Part-B	31.03.11		240	NIL	11.50%	newly financed movable assets of the projects	711165000.00
PFC-R-APDRP Part-A	06.06.13						338800000.00
PFC-R-APDRP Part-B SCADA	06.06.13						511100000.00
SubTotal							2737098600.00
REC-R-APDRP Part-B 6304 to 6354	Diff.		52	20.06.14	12.50%	hypothecation of Goods movable machinery	809346581.00
SubTotal							809346581.00
PFC- THEFT 08807001	28.03.07		40	15.04.14	12.00%		174262313.00
	23.05.07				12.00%		
	31.10.07				12.00%		
SubTotal							174262313.00
REC-ABC (60012 to 15) F-60012 to F-60015	10.09.09		120	30.04.14	11.50%	hypothecation of the assets	694001368.18
	31.05.10				11.00%		
	15.03.11				11.50%		
	15.03.11				11.50%		
	13.10.11				12.50%		
	30.11.11				12.50%		
	05.01.12				12.50%		
29.03.12		12.50%					

upad

ISAND

Sharma

17/11/14



210

जलविद्युत वितरण निगम (वाणिज्य)
 पाश्चिमांचल विद्युत वितरण निगम लि०
 दिवटोरिया पार्क, मेरठ

SubTotal							694001368.18
REC-STL							
624907	23.05.13		36	15.04.14	12.00%	33 Kv. S/Ss and line of some Divisions	90909091.00
625181	23.05.13		36		12.75%		151515153.00
627214	23.05.13		12		13.50%		150000000.00
SubTotal							1742424244.00
REC-Constn. of 33/11 Kv. S/Ss							
UP-TD-DIS-062-2010-3801	05.08.13		52	20.06.14	12.75%	Escrow cover	69741000.00
	28.09.10				13%		33578000.00
	08.10.13				13%		25830495.00
UP-TD-DIS-062-2010-3807	28.09.10		52	20.06.14	13%	Escrow cover	16927000.00
	15.10.12				12.50%		35303000.00
	28.07.13				12.50%		37824000.00
UP-TD-DIS-062-2010-3823	05.08.13		52	20.06.14	12.75%	Escrow cover	12670000.00
	08.10.13				13%		13965534.00
	12.10.12				12.50%		18385920.00
UP-TD-DIS-062-2010-3812	12.10.12		52	20.06.14	12.50%	Escrow cover	19641600.00
	06.11.12				12.50%		22085000.00
	05.08.13				12.75%		68513350.00
UP-TD-DIS-062-2010-3927	08.10.13		52	20.06.14	13.00%	Escrow cover	27281709.00
	12.10.12				12.50%		36718200.00
	06.11.12				12.50%		27088000.00
UP-TD-DIS-062-2010-3827	26.03.12		52	20.06.14	12.50%	Escrow cover	58543000.00
	06.11.12				12.50%		60267082.00
	05.08.13				12.75%		207591023.00
UP-TD-DIS-062-2010-3809	08.10.13		52	20.06.14	13.00%	Escrow cover	50978880.00
	15.03.11				12.75%		137023000.00
	06.01.12				12.50%		118226000.00
UP-TD-DIS-062-2010-3826	05.11.12		52	20.06.14	12.50%	Escrow cover	39565000.00
	15.11.11				12.50%		103683019.00
	31.03.12				12.50%		75535767.00
	11.02.13				12.50%		127214509.61
SubTotal							1444180088.68
UNSECURED LOANS							
GOUP LOANS							
REC		Transfer Scheme 2003			13%		37500000.00
PFC					10.11%		1750635749.00
SubTotal							28586068.00
Loan By UPPCL							
HUDCO	Sep, Oct, Nov 2010 Jan 2011		60	Sep-14	11.75%	Govt. of UP	2550988201.00
REC	Oct 12 to Mar 13		36 Month Moratorium 84 Monthly installments	Oct-15	12.62 to 13.60%	Govt. of UP	7444908210.00
PFC	25.03.13		36 Month Moratorium 84 Monthly installments	Apr-15	12.62 to 13.62%	Govt. of UP	7499106310.00
Noida	18.06.12				Interest Free		467225000.00
SubTotal							17962227721.00
Bank Loan							
Central Bank of India		31.03.2012	84	Apr.15	12.25 to 14.75 %	Govt. of UP	5377731488.00
State Bank of India		31.03.2012	84	Apr.15	12.25 to 14.75 %	Govt. of UP	1980943229.00
Union Bank of India		31.03.2012	84	Apr.15	12.25 to 13.25 %	Govt. of UP	3662075877.00

Wpud

CSMO

Deha

MPH



अविश्वसी अकिसिवा (काणिस)
 पशिवर्ययल विसुत विसरण निसग लिस
 विकटोरिया पार्क, मेरठ

211

Allahabad Bank	31.03.2012	84	Apr.15	12.25 to 14.95 %	Govt. of UP	2533887773.00
Dena Bank	31.03.2012	84	Apr.15	12.25 to 15.75 %	Govt. of UP	1141671669.00
Indian Overseas Bank	31.03.2012	84	Apr.15	12.25 to 15.50 %	Govt. of UP	1448847957.00
Canara Bank	31.03.2012	84	Apr.15	12.60 to 14.75 %	Govt. of UP	4721626053.00
Punjab National Bank	31.03.2012	84	Apr.15	12.25 to 15.25 %	Govt. of UP	6185190007.00
Vijaya Bank	31.03.2012	84	Apr.15	12.25 to 14.80 %	Govt. of UP	1532932796.00
Bank of Maharashtra	31.03.2012	84	Apr.15	12.25 to 14.75 %	Govt. of UP	771367676.00
UCO Bank	31.03.2012	84	Apr.15	12.25 to 14.75 %	Govt. of UP	2507095093.00
Bank of Baroda	31.03.2012	84	Apr.15	12.25 to 13.50 %	Govt. of UP	1004892289.00
Oriental Bank of Commerce	31.03.2012	84	Apr.15	12.25 to 14.70 %	Govt. of UP	3149838934.00
Bank of India	31.03.2012	84	Apr.15	12.25 to 13.25 %	Govt. of UP	1260131704.00
South Indian Bank	31.03.2012	84	Apr.15	12.25 to 13.95 %	Govt. of UP	323690885.00
Punjab & Sind Bank	31.03.2012	84	Apr.15	12.25 to 13.25 %	Govt. of UP	1537577690.00
Federal Bank	31.03.2012	84	Apr.15	12.25 to 14.05 %	Govt. of UP	152570299.00
Corporation Bank	31.03.2012	84	Apr.15	12.25 to 13.25 %	Govt. of UP	1884720109.00
Syndicate Bank	31.03.2012	84	Apr.15	12.25 to 13.25 %	Govt. of UP	559776050.00
Karur Vysya Bank	31.03.2012	84	Apr.15	12.25 to 14.50 %	Govt. of UP	59256156.00
SubTotal						41795823734.00
Total						70012927377.86

4/11

SRM

[Signature]

ITM



अविश्वसी आभियन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-5

SHORT TERM BORROWINGS

PARTICULARS	(Rs. in Lacs)	
	As at 31.03.14	As at 31.03.13
SECURED LOAN		
Rural Electrification Corporation Ltd.	15000.00	15000.00
(charge on receivables of specified receipt accounts through escrow arrangements)		
LOAN BY UPPCL		
Mandi Parishad	0.00	1729.50
Noida	4672.25	3459.00
GRAND TOTAL	19672.25	20188.50

NOTE-6

TRADE PAYABLES

PARTICULARS	(Rs. in Lacs)	
	As at 31.03.14	As at 31.03.13
Uttar Pradesh Power Corporation Ltd.		
Liability for Power Purchase	122873.21	112846.12
Uttar Pradesh Power Transmission Corporation Ltd.		
Liability for Transmission Charges	98628.93	88258.14
GRAND TOTAL	221502.14	201104.26


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants



Rajendra Kumar Gupta
Partner



अविशाली अभियन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ


**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

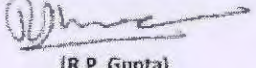
NOTE-7


OTHER CURRENT LIABILITIES

PARTICULARS	As at 31.03.14	As at 31.03.13
As per Transfer Scheme 2003	41488.00	41488.00
Current liabilities of long term debt	14277.75	30848.04
Interest Accrued		
(i) Interest Accrued but not due on borrowings	21707.85	8484.39
(ii) Interest Accrued and due on borrowings	0.00	0.00
	21707.85	8484.39
Statutory Dues	92.45	154.39
Contractors Liability	41203.98	44177.12
Deposits & Retentions from Suppliers & Others	10057.26	7901.15
Electricity Duty & Other Levies payable to Govt.	59010.57	36119.78
Other Liabilities payable to:		
CM Relief Fund	2.45	0.00
Uttar Pradesh Power Corporation Ltd	4607.02	41082.54
Madhyanchal Vidyut Vitran Nigam Ltd	7161.41	5955.37
Purvanchal Vidyut Vitran Nigam Ltd	218.44	222.96
Staff Related Liabilities	26373.20	26740.37
General Provident Fund	38647.70	34302.84
Pension and Gratuity	7936.32	9396.05
CPF	144.58	116.86
Provision for Expenses	634.67	563.51
Provision for Audit Expenses	62.84	55.19
Deposit for electrification works	7461.35	7059.23
Security deposit from consumers	99910.43	93904.66
TOTAL	380998.27	388573.25


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants



CA Rajendra Kumar Gupta
Partner


अधिसूचनी अभियन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

214

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-8

FIXED ASSETS

Tangible Assets										(Rs. in Lacs)
Particulars	Gross Block				Depreciation				Net Block	
	As at 31.03.13	Additions	Deductions/ Adjustments	As at 31.03.14	As at 31.03.13	Additions	Deductions/ Adjustments	As at 31.03.14	As at 31.03.14	As at 31.03.13
TANGIBLE ASSETS										
Land & Land Rights	100.47	62.79	0.00	163.26				0.00	163.26	100.47
Buildings	7609.89	317.89	91.95	7835.83	716.32	256.37	0.00	972.69	6863.14	6893.57
Plant & Machinery	140098.09	83052.55	65483.55	157667.09	-17146.83	8623.85	10590.74	-19113.72	176780.81	157244.92
Lines, Cable Network etc.	239491.49	44369.73	3802.37	280058.85	35939.34	12421.52	456.79	47904.07	232154.78	203552.15
Vehicles	25.95	17.61	11.80	31.76	9.81	3.03	11.21	1.63	30.13	16.14
Furniture & Fixtures	979.53	436.74	500.81	915.46	65.33	75.83	0.00	141.16	774.30	914.20
Office Equipments	731.35	414.61	4.00	1141.96	153.72	145.03	0.00	298.75	843.21	577.63
Transfer Scheme	238792.00	0.00	0.00	238792.00	226852.40	0.00	0.00	226852.40	11939.60	11939.60
Sub Total	627828.77	128671.92	69894.48	686606.21	246590.09	21525.63	11058.74	257056.98	429549.23	381238.68

Assets not in Possession of Paschimanchal Vidyut Vitran Nigam Ltd.

PARTICULARS	AS AT 31.03.2013	ADDITIONS	Capitalised	As as 31.03.2014
Assets not in Possession of PVVNL	0.00	213.14	0.00	213.14
Total	0.00	213.14	0.00	213.14

CAPITAL WORKS IN PROGRESS

PARTICULARS	AS AT 31.03.2013	ADDITIONS	Capitalised	As as 31.03.2014
Capital Work in progress	22332.96	132613.45	124196.97	30749.44
Total	22332.96	132613.45	124196.97	30749.44

INTANGIBLE ASSETS

NIL

(H.K. Agarwal)
Company Secretary

(P.K. Agarwal)
Dy. G.M.(Accounts)

(R.P. Gupta)
Director(Finance)

(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants

CA Rajendra Kumar Gupta
Partner



पश्चिमचल विद्युत वितरण निगम लि०
 विकटोरिया पार्क, मेरठ
 उद्योगिकी अखिबारा (वर्षात्मक)

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-9

OTHER NON-CURRENT ASSETS

(Rs. in Lacs)

PARTICULARS	As at 31.03.14	As at 31.03.13
-------------	----------------	----------------

Balance in Fixed Deposit (Note 12) (Remaining Maturity more than twelve months) Amount disclosed under other current assets Note	2.00
--	------

TOTAL	2.00
-------	------

NOTE-10

INVENTORIES

(Rs. in Lacs)


PARTICULARS	As at 31.03.14	As at 31.03.13
-------------	----------------	----------------

Stores and Spares	36118.03	33424.92
Less: Provision for unserviceable store	4631.00	4631.00

TOTAL	31487.03	28793.92
-------	----------	----------

Notes : Stores and Spares includes capital, and O&M material, obsolete material, scrap transformer sent for repair, material found excess/shortage pending for investigation.


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants



CA Rajendra Kumar Gupta
Partner

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**


NOTE-II


TRADE RECEIVABLE


(Rs. in Laacs)

PARTICULARS	As at 31.03.14	As at 31.03.13
Sundry Debtors		
<u>Debt outstanding for a period exceeding six months</u>		
Unsecured & considered good	239346.63	236497.25
Considered doubtful	178633.89	165717.89
	417980.52	402215.14
<u>Debt outstanding for a period not more than six months</u>		
Unsecured & considered good	25406.53	37280.13
Considered doubtful	1337.19	1962.11
	26743.72	39242.24
<u>Debt outstanding against theft</u>		
Unsecured & considered good	8433.12	7329.47
Considered doubtful	2811.04	2443.16
	11244.16	9772.63
Total Debtors	455968.40	451230.01
Less - Provision for Bad & Doubtful Debts	182782.12	170123.16
NET DEBTORS	273186.28	281106.85


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co,
Chartered Accountants



CA Rajendra Kumar Gupta
Partner


अधिशारी अधिवन्ता (वाणिज्य)
पश्चिमोच्चल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

217


PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT


Note-12


CASH AND BANK

(Rs. in Lacs)

PARTICULARS	Non-Current		Current Maturities	
	As at 31.03.14	As at 31.03.13	As at 31.03.14	As at 31.03.13
Balances in Current Accounts			91395.47	66810.58
Balance in Fixed Deposit (Remaining Maturity less than twelve months)			729.50	734.45
Balance in Fixed Deposit (Remaining Maturity more than twelve months) Amount disclosed under other current assets Note no-9		2.00		
Cash in hand			13133.74	25374.74
TOTAL	0.00	2.00	105258.71	92919.77


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants



CA Rajendra Kumar Gupta
Partner



अधिकासी अधिवन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

218


**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**


NOTE-13


SHORT TERM LOANS AND ADVANCES


(Rs. in Lacs)

PARTICULARS	As at 31.03.14	As at 31.03.13
ADVANCES (Unsecured)		
Suppliers / Contractors	33917.97	24394.27
	33917.97	24394.27
Prepaid Expenses		
Prepaid Expenses	17.54	12.79
	17.54	12.79
ADVANCES (Secured)		
Staff	14.08	8.81
Income Tax(TDS)	375.32	256.14
Fringe Benefit Tax	23.49	120.17
	412.89	385.12
TOTAL	34348.40	24792.18


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants



CA Rajendra Kumar Gupta
Partner


जयशंखरी अधिवक्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**


NOTE-14


OTHER CURRENT ASSETS


(Rs. in Lacs)

PARTICULARS	As at 31.03.14	As at 31.03.13
Receivables as per Transfer Scheme	2198.00	2198.00
Income accrued on deposit	159.56	112.70
Receivables		
Uttar Pradesh Government.	11128.42	0.00
Uttar Pradesh Power Corpoartion Ltd.	4164.75	29436.28
Uttar Pradesh Power Trans. Corp. Ltd.	244.88	157.54
Dakshinanchal Vidyut Vitran Nigam Ltd	1330.95	-227.83
KESCO	103.22	103.22
Receivables on accounts of Loan		
Uttar Pradesh Power Corpoartion Ltd.	78983.16	71398.86
Less:- Liabilities against Loan	-48334.42	30648.74
		-97370.63
		(25971.77)
Receivables from staff		
Employees	1678.68	1539.21
Less Provision for doubtful Receivable	-435.15	1243.53
		-158.01
		1381.20
Misc. Receivable		
Theft of fixed Assets pending investigation	6969.70	39.61
Less Provision for Estimated Loss	-6969.70	6121.49
		-6121.49
		0.00
Inter Unit Transfer		
IUT	9534.23	12096.32
TOTAL	60795.89	19551.32


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants



CA Rajendra Kumar Gupta
Partner


अधिकाारी अभियन्ता (वाणिज्य)
पश्चिमोच्चल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

220

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**


NOTE-15


REVENUE FROM OPERATIONS

(Rs. in Lacs)

PARTICULARS	2013-14	2012-13
Large Supply Consumers		
Industrial	412820.29	365242.30
Irrigation	14.87	15.55
Public Water Works	19933.31	14456.93
Small & Other Consumers		
Domestic	217092.28	179995.24
Commercial	67737.04	60843.12
Industrial Low & Medium Voltage	72983.52	53580.86
Public Lighting	10808.03	8803.05
STW & Pump Canals	12482.09	10185.02
PTW & Sewage Pumping	29637.81	23856.09
Institution	12813.59	12011.37
Railway	3756.50	2578.40
Assessment against Theft	3551.93	2816.05
Regulatory Surcharge	28256.57	0.00
Miscellaneous Charges from consumers	784.28	903.25
Less:-Energy internally Consumed	(1026.44)	(1140.60)
Sub Total	891645.67	734146.63
Electricity Duty	55297.90	31506.87
Gross Sale of Power	946943.57	765653.50
Less: Electricity Duty	55297.90	31506.87
Net Sale of Power	891645.67	734146.63
Energy internally Consumed	1026.44	1140.60



(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants


CA Rajendra Kumar Gupta
Partner




अधिकाारी अभिवन्ता (वाणिज्य)
पश्चिमोच्च विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-16

OTHER INCOME

(Rs. in Lacs)

PARTICULARS	2013-14	2012-13
R.E. Subsidy from Govt. of U.P.	10360.00	7539.00
Revenue Loss & Tariff Subsidy from Govt. of UP	144319.00	177563.00
Interest from loan to Staff *	0.19	0.21
Delayed Payment Charges from consumers	9922.40	8826.28
Interest from Bank	1153.10	841.23
Income from Contractors/Suppliers	155.56	311.88
Rental from Staff	40.80	10.50
Rebate for timely repayment of Loan	41.08	69.42
Miscellaneous Receipts	24.45	21.24
TOTAL	166016.58	195182.76

*Pertains to loan amount advanced during UPSEB period.


NOTE-17


PURCHASE OF POWER

(Rs. in Lacs)

PARTICULARS	2013-14	2012-13
Power Purchase	1137420.79	854614.29
Transmission Charges	50544.93	41191.93
TOTAL	1187965.72	895806.22


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants




GA Rajendra Kumar Gupta
Partner


पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

222

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-18

EMPLOYEES COST

PARTICULARS	2013-14	2012-13
Salaries & Allowances	15966.84	15695.82
Dearness Allowance	12300.90	10120.45
Other Allowance	1261.54	1250.96
Bonus	195.70	517.04
Medical Expenses	886.47	676.08
Leave Travel Assistance	0.00	8.18
Earned Leave Encashment on retirement	3939.18	20027.45
Compensation	6.50	9.40
Staff Welfare Expenses	17.43	13.70
Pension & Gratuity	3946.57	4040.99
CPI	643.49	492.21
Expenditure on Trust	59.53	57.75
Sub Total	39224.15	52910.03
LESS - Expenses Capitalised	14185.54	13682.53
TOTAL	25038.61	39227.50

(Signature)
(H.K. Agarwal)
Company Secretary
Part Time

(Signature)
(P.K. Agarwal)
Dy. G.M.(Accounts)

(Signature)
(R.P. Gupta)
Director(Finance)

(Signature)
(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants



CA Rajendra Kumar Gupta
Partner

(Signature)
अधिकारी अभियन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**


NOTE-19

OPERATION & OTHER EXPENSES


(Rs. in Lacs)

PARTICULARS	2013-14	2012-13
REPAIR & MAINTENANCE		
Plant & Machinery	8190.58	9724.81
Buildings	355.79	320.15
Lines, Cables net works etc.	12165.53	10692.27
Furniture & Fixtures	1.20	3.35
Office Equipments	38.90	34.40
OTHER EXPENSES		
Rent	39.26	38.70
Rates & Taxes	0.46	22.20
Insurance	49.15	45.34
Telephone	230.51	211.48
Postage	31.43	29.20
Legal Charges	129.25	209.58
Audit fee	42.02	38.20
Traveling Expenses (Audit)	3.34	9.28
Consultancy Charges	97.19	421.49
Fees & Subscription	380.22	362.69
Traveling and Conveyance	362.23	334.22
Printing and Stationery	278.96	236.53
Advertisement Expenses	75.97	191.74
Electricity Charges	1026.44	1140.60
Water Charges	0.75	0.66
Meter Reading & Billing Expenses	2498.54	1804.69
Expenditure on Trust	2.86	2.61
Compensation staff	13.11	0.84
Compensation (Other than staff)	93.65	75.32
Miscellaneous Expenses	1470.70	1126.96
PROVISIONS		
Provision for Doubtful Debts	531.30	2443.16
Other Expenses	0.00	125.71
Provision for Loss against theft of Fixed Assets pending investigation	848.21	994.19
Provision for Bad & Doubtful Dues from staff on accounts of various reasons.	277.14	-6.48
SUB TOTAL	29234.69	30633.89
LESS - Expenses Capitalised	2243.71	1257.49
TOTAL	26990.98	29376.40



(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants


CA Rajendra Kumar Gupta
Partner



उत्तरांचल विद्युत वितरण निगम (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

224

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-20

FINANCE COST


	(Rs. in Lacs)	
PARTICULARS	2013-14	2012-13
Interest on Loans		
Government of UP	1053.52	3912.71
Interest on Bonds	13609.67	0.00
PFC	8203.42	2305.41
Others	0.00	0.00
R-APDRP	216.62	0.00
APDRP	1176.75	1419.86
HUDCO	4327.67	3984.80
MANDI PARISHAD	0.00	9.67
REC	14352.98	10093.27
Bank Loan	55151.55	50899.37
Interest on GPF	1284.71	0.00
Interest to Consumers	7049.27	6609.00
Finance Charges	3.74	5.70
Bank Charges		
Others	25.59	23.90
SUB TOTAL	106455.49	79263.69
LESS - Interest Capitalised	304.72	842.02
TOTAL	106150.77	78421.67


NOTE-21


DEPRECIATION

	(Rs. in Lacs)	
PARTICULARS	2013-14	2012-13
Depreciation	21537.04	18540.29
Ammortization of service line contribution & Grants etc	-7803.67	-6906.74
GRAND TOTAL	13733.37	11633.55


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants



Rajendra Kumar Gupta
Partner



अधिसूचना अधिनियम (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ


**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-22

NET PRIOR PERIOD INCOME/(EXPENSES)

PARTICULARS	(Rs. in Laacs)	
	2013-14	2012-13
A. INCOME		
Receipt from consumers	0.00	366.96
Excess Prov. Of Depreciation	11.42	0.00
Excess Prov. For Liability	804.59	0.00
SUB TOTAL	816.01	366.96
B. EXPENDITURE		
Power Purchase	0.00	0.00
Wheeling Charges	0.00	(0.02)
Operating Expenses	201.81	5.39
Employees Cost	807.55	410.76
Depreciation Prev. Years	0.00	193.30
Interest & finance charges	3624.07	6086.46
Admin. & General Exp. For Previous Years	14.78	10.45
Short Prov. Of Doubtful debt.	12127.67	0.00
SUB TOTAL	16775.88	6706.34
GRAND TOTAL	(15959.87)	(6339.38)


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

For M/s R.P.L. & Co.
Chartered Accountants




CA Rajendra Kumar Gupta
Partner


पश्चिमींचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

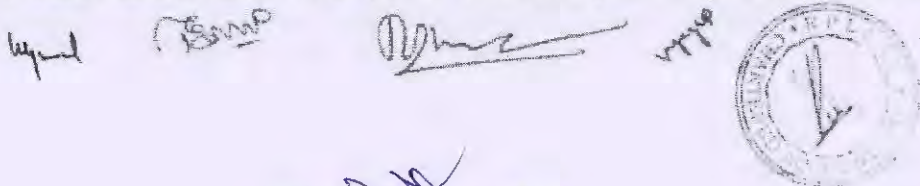
226

PASCHIMANCHAL VIDYUT VITRAN NIGAM LIMITED

Note No. 23

**NOTES ON ACCOUNTS ANNEXED TO AND FORMING PART OF
BALANCE SHEET AS AT 31.03.2014 AND PROFIT & LOSS ACCOUNT FOR
THE YEAR ENDED ON THAT DATE**

- 1) (a) The Company was incorporated under the Companies Act 1956 on 01-05-2003 and commenced the business operations w.e.f 12-08-2003 in terms of Government of U.P Notification No. 2740/P-1/2003-24-14P/2003 dated 12-08-2003.
- (b) The Company is a subsidiary of U.P. Power Corporation Ltd. The annual accounts for the year 2013-14 are based on the balances of assets and liabilities received as per Transfer Scheme 2003 as well as the transactions pertaining to business during the period 12-08-2003 to 31-03-2004 and the financial years 2004-05 to 2013-14. The final transfer scheme is yet to be finalised and the balances in the accounts will be adjusted accordingly.
- (c) Authorised capital of the company is Rs. 5,000 crore. divided in Rs. 5 crore. equity shares of Rs. 1000 each.
- (d) The share capital includes 500 Nos. Equity Shares of Rs. 1000 each allotted to subscribers of Memorandum of Association and shown separately in Balance Sheet.
- (e) During the year 6390570 equity shares of Rs. 1000 each, valuing Rs. 6390570000.00 has been allotted to Uttar Pradesh Power Corporation Limited as approved in the 78th and 79th meeting of Board of Directors held on 10.10.13 & 31.01.14 respectively.
- (f) Difference of Loan transferred under provisional Transfer Scheme 2003 and actual loan amounting to Rs. 6290090.00 (Credit) has been shown in Restructuring Reserve Account (Refer Balance Sheet Note No.-2).
- 2) (a) The Company is making efforts to recognize and identify the location of fixed assets, transferred under the Transfer Scheme-2003 for the purpose of maintaining the Fixed Assets Register. Till such time the assets as mentioned in the Transfer Scheme, have been taken into accounts.
- (b) During the year, the depreciation has been provided as per the Schedule-XIV of Companies Act 1956 on "Straight Line Method" basis.
- (c) In absence of asset wise break up of Plants & Machinery, Lines & Cables and other assets taken over as on 12-08-2003, the depreciation on these



अधिकारी (व्यक्तिगत)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

assets has been charged @ 4.75% on the value transferred as per transfer scheme 2003, being the rate prescribed for majority of items as per Companies Act 1956.


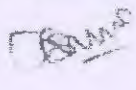
- (d) Due to multiplicity of nature of capital works and difficulty in establishing the correct date of installation of assets, (where actual date is not available) the depreciation on addition of fixed assets during the year has been provided on pro-rata basis by taking average six months period.
- 3) The loan taken by UPPCL on behalf of the Company has been transferred during the year 2013-14 amounting to Rs. 2393.42 Crore and repayment made by UPPCL amounting to Rs. 182.09 Crore have been accounted for in the books of the Company.
 - 4) Since implementing period of RAPDRP Part-A has been extended from three years to five years by Ministry of Power, Govt. of India vide its order no. 14/01/2011-APDRP dated 08.07.2013 as informed by M/s Power Finance Corporation Ltd., New Delhi vide letter no. 02:10R-APDRP (P-A):2009: UPPCL/12439 dated 31.07.2013 which has further been extended by Power Finance Corporation Ltd. vide letter no. 02/10/R-APDRP (P-A)/2014/PVVNL/022008 dated 28-07-2014 upto 30-06-2015, the interest on loan taken under RAPDRP Part 'A' amounting to Rs. 70.24 crore has been treated as contingent liability.
 - 5) APDRP & World Bank Loan from UP Govt. amounting to Rs. 42.52 Crore & Rs. 85.55 Crore respectively has been converted into equity and the same has been accounted for in the books of accounts accordingly.
 - 6) Loan from different financial institutions taken by UPPCL during the financial year 2011-12, 2012-13 & 2013-14 amounting to Rs. 1938.80 Crore have been converted into 9.68% Secured Non Convertible Bonds.
 - 7) For clearance of Power Purchase Liability, during financial year 9.68% Secured Non Convertible Bonds amounting to Rs. 1016 Crore has been issued.
 - 8) Ministry of Power, Govt. of India has issued financial restructuring scheme of Distribution companies on 5th October 2012. As per the provisions of the Scheme the lenders have agreed to restructure the outstanding loans as on 31.03.2012 from Banks taken to meet losses and outstanding power purchase liabilities as on 31.03.2012 in the books of UPPCL upto accumulated losses of Discoms. The fresh loans for operational losses of distribution sector are also to be provided to UPPCL.

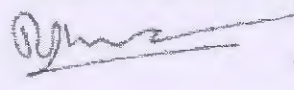

Handwritten signatures and initials



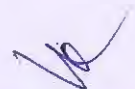
In view of this it has been decided in the Board of Directors meeting of UPPCL dated 19.09.2013 that

- (a) Outstanding loans from Banks as on 31.03.2012.
 - (b) Fresh loans/Bonds for funding upto the power purchase liabilities outstanding as on 31.03.2012.
 - (c) Fresh loans taken/to be taken to meet operational losses from 01.04.2012. will be allocated to the Discoms and adjusted against receipts of sale of Power to Discoms. Accordingly loans worth Rs. 3409.42 crore including Bonds of Rs. 1016.00 crore has been allocated to Paschimanchal Vidyut Vitran Nigam Ltd.
- 9) Necessary action for capitalisation of borrowing cost has been taken as per AS-16.
 - 10) Revenue subsidy from Govt. of UP is received through UP Power Corporation Ltd. During the year credit note for Rs. 1546.70 crore on account of revenue subsidy has been received.
 - 11) Provision against bad & doubtful debts
 - (i) 25% provision has been made against receivables from consumers for theft of energy,
 - (ii) 5% provision has been made against increase in receivables since transfer scheme
 - (iii) No additional provision has considered necessary against debts disputed in various courts as theses debts are included in debts against which above provisions have been made.
 - 12) Yearwise classification of Sundry Debtors could not be given as the same is under process. Company has taken increase in trade receivables during last 6 months as amount outstanding for less than 6 months.
 - 13) Accounting for Subsidy, Grants, Bonds, Loan taken by UP Power Corporation Ltd. on behalf of the company and interest thereon, cost of power purchase, transmission charges, guarantee fees, medical reimbursement (Cash less scheme) and expenses on trust are accounted for on the basis of advice from UPPCL the holding company and the relevant documents are available with them.
 - 14) The provision for unserviceable/obsolete material has not been made since the sufficient provision already exists in the Transfer Scheme-2003.
 - 15) The provision for doubtful receivable from employees have been made @ 10% on the incremental basis appearing at the close of financial year under the head "Other Current Assets- Other Receivables-Employees" have been made.

by  





However, 100% provision has been made against the following cases due to uncertainty of recovery.

Sl. No.	Particulars	Amount (Rs. in crore)
1.	Fraud made by Mr. Sadab Khan Office Asstt, EEUDD-III Meerut	2.20
2.	9 years old Misc. Advance as observed by Branch Auditors, Meerut	0.72
	Total	2.92

- 16) The 100% Provision for loss on account of theft of fixed assets pending investigation have been made for balance at the close of financial year.
- 17) (a) Some balances appearing under the heads 'Current Assets', 'Loans & Advances', 'Unsecured Loans', 'Current Liabilities', Material in transit/ under inspection/lying with contractors are subject to confirmation/ reconciliation and subsequent adjustments, as may be required.
- (b) On an overall basis the current assets, loans and advances have a value on realisation in the ordinary course of business, at least equal to the amounts at which these are stated in the Balance Sheet.
- 18) The Value of construction stores is charged to capital work-in-progress as and when the material is issued. The material at the year end lying at the work sites is treated as part of capital work in progress but the material lying in stores is grouped under the head "Stores & Spares".
- 19) (a) (i) The energy is being purchased as a bulk supply from UPPCL (The Holding Company).
- (ii) As per OM No. 3822 dated 10.12.14 of UP Power Corporation Ltd. a supplementary revised energy bills for Rs. 943.36 crore for the financial year 2012-13 and for Rs. 984.08 crore for the financial year 2013-14 was received for the cost of purchase of power born by UPPCL. Same has been accounted for accordingly.
- (b) (i) UPPCL has charged the Transmission charges @ Rs. 0.135 per KWH.
- (ii) A supplementary transmission charges bill for Rs. 180.11 crore has been received and accounted for in pursuance of UP Electricity Regulatory Commission Tariff Order dated 01.10.14 for the financial year 2014-15 vide which UPERC has allowed UP Power Transmission Corporation Ltd. to recover on True-Up for the financial years 2008-09 to 2011-12.

Handwritten signature

Handwritten signature

Handwritten signature



Handwritten signature

अधिकासी अधिसन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

- 20) Amount due to Small & Micro units could not be ascertained and interest thereon could not be provided for want of complete information. Efforts are being made to segregate the same.
- 21) Based on actuarial valuation report submitted by M/s Price Waterhouse Coopers to UPPCL (the Holding Company) and adopted by their Board of Directors, the provision for accrued liability on account of Pension and Gratuity during the year has been made @ 16.70% and 2.38% respectively on the amount of Basic Pay and DA paid to the employees.
- 22) Liability towards Staff training, Medical expenses and LTC has been provided to the extent established.
- 23) The reconciliation of Inter Unit Transfer balances amounting to debit Rs. 95.34 crore (previous year debit Rs. 120.96 crore) is in process and the effects of reconciliation, if any, will be provided for, in the forthcoming years.
- 24) Rebate received against timely repayment of loan has been accounted for on cash basis.
- 25) Expenditure on UP Power Sector Employees Trust amounting to Rs. 62.39 (previous year 60.36) lacs, distributed on prorata basis has been accounted for as intimated by the Holding Company.
- 26) Employees cost includes remuneration to Managing Director and Directors as under.

Amount (Rs. in Lacs)

	2013-14	2012-13
Salary and Allowance	52.64	24.70
Contribution to Gratuity/ Pension	7.69	3.66

- 27) Payment to Directors and Officers in foreign currency towards foreign tour was Nil. (previous year - NIL)
- 28) Debts due from Directors were Rs. NIL. (Previous year - NIL)
- 29) Information pursuant of provision of Part I & II of Schedule VI of Companies Act, 1956 are as under :-

(a) Quantitative Details of Energy Purchased & Sold :-

Sl.No.	Details	2013-14	2012-13
(i)	Total no. of Units Purchased (MU)	24098.900	23673.526
(ii)	Total no. of Units sold (MU)	18536.64	17007.34
(iii)	Transmission & Distribution Losses	23.08%	28.16%

(b) Contingent Liabilities under different categories i.e. Claims against the company not acknowledged as debts, Capital commitment and

[Handwritten signatures and initials]



उपनिष्ठाती जावेदमस्त (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
दिल्लीरिया पार्क, मेरठ

Contingencies for the year is Rs. 70.72 crore (previous year Rs. 45.28 crore) as per details here under :-

Sl. No.	Particulars	Amount (Rs. in crores)
1.	Interest on RAPDRP Part-A Loan	70.24
2.	Interest claimed by M/s Mahavir Transmission Udhog Pvt. Ltd. Dehradun	0.48
	Total	70.72

(c) The details of auditor's expenses is as under :-

(Rs. In lacs)

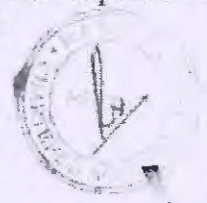
Details	2013-14	2012-13
(i) As auditor	-	-
(x) Audit fees	42.02	38.20
(y) T.A. expenses	3.34	9.28
(ii) As advisor	-	-
(x) Taxation matters	-	-
(y) Company law matters	-	-
(iii) In any other manner	-	-

- 30) Government dues in respect of Electricity Duty and other levies amounting to Rs. 590.11 crore (previous year Rs. 361.20 crore) shown in Note No-7 includes Rs. 96.62 crore (previous year Rs. 76.47 crore) on account of compounding charges realised from consumers.
- 31) Company is neither a manufacturing company nor importing/exporting any product, hence relevant disclosure requirement of sch vi(Part-ii) of Indian Companies Act, 1956 are not applicable.
- 32) AS-2: The Company has large nos of Stock items located at various divisions/sub-divisions/store centre etc.. To establish the realisable value, as such, is practically very difficult. Same has been valued at cost. The difference of cost and realization value in overall position will be insignificant.
- 33) AS-10: Due to multiplicity of functional units as well as multiplicity of function at particular unit, employees cost and administration & general expenses to

4/11/14

[Handwritten Signature]

4/11/14




अधिकारी अधिकता (वाणिज्य)
पश्चिमोत्तर बिजुत वितरण निगम लि०
दिवतोरिया पार्क, मेरठ


223


capital works are capitalized @ 15% on distribution and deposit work, 11% on other works on the amount of total expenditure.


However capitalization of employees cost and administration & general expenses is restricted to the expenditure actually made in a particular financial year.

- 34) Since the Company is principally engaged in the distribution business of electricity and there are no other reportable segment as per AS-17, hence the disclosure as per AS-17 on segment reporting is not required.
- 35) The disclosure required as per AS-18 issued by ICAI on related parties transactions is not applicable as the Accounting Standard provides that " no disclosure is required in the financial statement of state-controlled enterprises as regard related party relationship with other state-controlled enterprises and transactions with such enterprises"
- 36) Due to heavy carried forward losses/depreciation and uncertainties to recover such losses/depreciation in near future, accounting of deferred tax assets as required by AS-22 issued by ICAI is not made.
- 37) AS-28 requires estimation and provision for impairment loss represented by amount by which the carrying amount of an asset exceeds its recoverable amount. The recoverable amount is higher of the assets net selling price and its value in use based on the present value of estimated future cash flows expected from the use of assets and its disposal at the end of its useful life. It is worth mentioning here that assets of the Company have been accounted for at their historical cost and most of the assets are very old. Thus the impairment of assets is unlikely in the Company because of the fact that the recoverable amount of the assets is higher than its present accounted value.
- 38) The figures shown in the Balance Sheet, Profit & Loss Account and Schedules have been rounded off to the nearest rupees in lakhs.
- 39) Previous year figures have been regrouped, rearranged and reclassified wherever considered necessary.


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director



PASCHIMANCHAL VIDYUT VITRAN NIGAM LIMITED
VICTORIA PARK, MEERUT

SIGNIFICANT ACCOUNTING POLICIES 2013-14

1. **GENERAL**

- (a) The financial statements are prepared in accordance with the provisions of The Companies Act 1956.
- (b) The accounts are prepared under historical cost convention, on accrual basis unless stated otherwise and on accounting assumption of going concern.
- (c) Subsidy, Grants etc are accounted for on cash basis. Interest on loans to staff is accounted for on receipt basis after the recovery of principal in full.

2. **FIXED ASSETS**

- (a) Fixed Assets are shown at the value transferred as per transfer Scheme, 2003 as well as the transactions made by Nigam w.e.f. 12.08.2003 onwards.
- (b) All costs relating to the acquisition and installation of fixed assets till the date of commissioning are capitalized.
- (c) Consumers' Contribution, Grant and subsidies received towards cost of capital assets are treated initially as capital reserve and subsequently amortized in the proportion in which depreciation on related asset is charged.
- (d) In the case of commissioned assets, where final settlement of bills with the contractor is yet to be affected, capitalization is done, subject to necessary adjustment in the year of final settlement.
- (e) Due to multiplicity of functional units as well as multiplicity of functions at particular unit, employees cost, administration & general expenses to capital works are capitalized @ 15% on distribution and deposit work, 11% on other works on the amount of total expenditure. However for fair accounting treatment, the same has been restricted to the expenditure actually incurred in a particular financial year.
- (f) The 100% provision for loss on account of theft of fixed assets pending investigation are being made for balance at the close of financial year.

kyal

ISMS

[Signature]

4/8/14



[Signature]

अधिसूची अधिवक्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

3. DEPRECIATION

- (a) Depreciation is charged on straight line method at the rates prescribed in the schedule XIV of Indian Companies Act 1956.
- (b) Fixed assets are depreciated up to 95% of original cost after taking 5% as the residual value of assets.

4. STORES & SPARES

- (a) Stores & Spares are valued at cost.
- (b) Steel scrap is valued at realizable value and scrap other than steel is accounted for in the accounts as and when sold.
- (c) Any shortage/excess of material found during the year end are shown as "material short/excess pending investigation" till the finalization of investigation.

5. REVENUE/EXPENDITURE RECOGNITION

- (a) Revenue from sale of energy is accounted for on accrual basis.
- (b) Late payment surcharge recoverable from consumer on energy bills is accounted for on cash basis due to uncertainty of realisation.
- (c) The sale of electricity does not include electricity duty payable to the State Government, as the same is not the income of the Nigam.
- (d) Assessment of own energy consumption is done on the basis of connected load/hours of supply/meters.
- (e) Sale of energy is accounted for based on tariff rates approved by U.P. Electricity Regulatory Commission.
- (f) In case of detection of theft of energy, the consumer is billed on laid down norms irrespective of actual realisation from the consumer.
- (g) Penal interest, overdue interest, commitment charges, restructuring charges and incentives/rebates on loans are accounted for on cash basis after final ascertainment.
- (h) 5% provision for bad and doubtful debts against revenue from sale of power are being made on incremental basis.
- (i) The provision for doubtful receivable from employees are being made @ 10% on incremental basis,

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]



[Handwritten signature]


अधिसूची अभियन्ता (वाणिज्य)
परिचालक विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ


6. POWER PURCHASE


The bulk power purchase from UPPCL, is accounted for on the basis of bills raised by the UPPCL, the holding company.


7. RETIREMENT BENEFITS

- (a) Liability for Pension & Gratuity in respect of employees has been determined on the basis of actuarial valuation and has been accounted for on accrual basis.
- (b) Post retirement medical benefits are accounted for on the basis of claims received and approved during the year.
- (c) Leave encashment has been accounted for on accrual basis.



(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director





संविदासो जाभियन्ता (वाणिज्य)
राजसमिचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ


**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**


CASH FLOW STATEMENT

(Rs. in Crore)

PARTICULARS	Year 2013-14	Year 2012-13
Cash Flow from operating activities		
Net Loss before prior period expenses	-3011.91	-1239.95
Adjustment for		
Depreciation	137.33	116.34
Interest expenses (Financing)	1064.55	792.64
Prior period adjustments (Net)	-159.60	-63.39
SUB TOTAL	-1,969.63	-394.36
Operating profit before working capital change		
Working Capital changes		
Trade Receivables	79.21	-510.49
Stores' Spares	-26.93	12.95
Loans & Advances	-95.56	-79.94
Other Current Assets	-412.45	182.86
Trade Payables	203.98	-4509.71
Current Liabilities	-75.75	1077.38
SUB TOTAL	-327.50	-3,826.95
Net cash from operating activities-	A	-2,297.13
Cash flow from investing activities		
Additions to fixed assets & WIP	-706.71	-627.00
Net Cash flow from investing activities-	B	-706.71
Cash flow from financing activities		
Proceeds from Equity	763.68	375.97
Proceeds from borrowings (Net)	3303.11	5450.31
Proceeds from consumers' contribution and GoUP Capital Grant	124.99	120.53
Interest paid on borrowings	-1064.55	-792.64
Net Cash flow from financing activities-	C	3127.23
Net increase in Cash and Cash equivalents (A+B+C)	123.39	305.86
Cash and Cash equivalents at the beginning of the Year	929.20	623.34
Cash and Cash equivalents at the end of the Year	1,052.59	929.20


(H.K. Agarwal)
Company Secretary
Part Time



(P.K. Agarwal)
Dy. G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

Place: Meerut
Date: 20/04/2015





अधिकाारी अभिवन्ता (मगिण्ण)
पश्चिमोक्त विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,

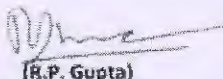
Urja Bhawan, Victoria Park, Meerut


1	Registration details	Registration No. - <u>20 - 27458</u>	State Code <u>20</u>
	Balance Sheet Date	31 3 2014 Date Month Year	
2	Capital raised during the year (Amount in Rupees Thousands)	Public Issue	Bonus Issue
	Right Issue		Private Placement
3	Position of Mobilisation and Development of Funds (Amount in Rupees Thousands)	Total Liabilities	Total Assets
	Sources of Funds :	96558812	96558812
	Paid Up Capital	24782033	Reserves & Surplus Less Accumulated Loss
	Share App. Money pending for allotment	7636847	-94243280
	Long term borrowings	96165946	Other Current Liabilities
	Short term borrowings	1967225	38099827
	Applications of Funds :		Trade payables
	Net Fixed Assets	46051181	22150214
	Investments		Net Current Assets
4	Performance of the Company (Amount in Rupees Thousands)	Turnover (Gross Revenue)	Total Expenditure**
	(+/-) Profit/Loss before Tax	105868869	137583932
	(+/-) Profit/Loss after Tax	-31715063	-31715063
	Earning per Share (in Rupees)	(1280)	Dividend rate in %
	Product/Service description		NIL
(i)	Purchase of Electricity		Item code No.
(ii)	Distribution and Sale of Electricity		24098.900 MU
			18536.640 MU

** Including Prior Period Expenditure


(H.K. Agarwal)
Company Secretary
Part Time


(P.K. Agarwal)
Dy. G.M.(Accounts)



(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

FOR R.P.E. & Co.
Chartered Accountants

CA Kamendra Kumar Gupta
Partner




अधिकारी अभियन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

**ANNUAL REVENUE REQUIREMENT PETITION
FOR FY 2016-17**

ANNEXURE - 3

PROVISIONAL BALANCE SHEET FOR FY 2014-15

पश्चिमांचल विद्युत वितरण निगम लि०

PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.



ANNUAL ACCOUNTS FOR
THE YEAR 2014-15 (Provisional)

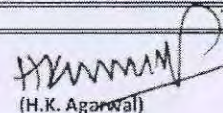
Registered Office : Urja Bhawan Victoria Park, Meerut


अधिशारी अभियन्ता (वाणिज्य)
पश्चिमांचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

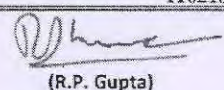
239


PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD., MEERUT
BALANCE SHEET AS AT 31.03.2015

		(Rs. in Lacs)	
PARTICULAR	NOTE	As at 31.03.15	As at 31.03.14
A EQUITY AND LIABILITIES			
1 Shareholders funds :			
Share Capital	(1)	315568.79	247820.33
Reserve & Surplus	(2)	(1102922.04)	(942432.80)
Money received under share warrants			
2 Share application money pending for allotment	(3)	192445.81	76368.47
3 Non-current liabilities			
Long-term borrowings	(4)	926508.81	961659.46
Deferred Tax Liabilities (Net)			
Other Long-Terms Liabilities			
Other Long-Terms Provisions			
4 Current liabilities			
Short-Terms Borrowings	(5)	4672.25	19672.25
Trade payables	(6)	292096.26	221502.14
Other current liabilities	(7)	533811.28	344411.56
Short-Term Provisions			
Total		1162181.16	929001.41
B ASSETS			
Non-current assets			
Fixed Assets	(8)	739778.39	686606.21
Tangible Assets			
Intangible Assets			
Assets in Possession of Transco		1480.24	213.14
Capital Work-in-Progress		72494.57	30749.44
Intangible Assets under Development			
Non-Current Investments			
Deferred Tax Assets (Net)			
Long-Term loans and advances			
Other Non-Current Assets	(9)		
Less-Accumulated Depreciation		<u>267860.14</u>	<u>257056.98</u>
		545893.06	460511.81
2 Current Assets			
Current Investments			
(a) Inventories			
Stores & Spares	(10)	31897.32	31487.03
(b) Trade receivables	(11)	303660.94	273186.28
(c) Cash and Bank	(12)	84157.32	105258.71
(d) Short-term loans and advances	(13)	79128.91	34348.40
(e) Other Current Assets	(14)	117443.61	24209.18
		616288.10	468489.60
Significant Accounting Policies			
Notes on Accounts	(23)		
Note 1 to 23 and Accounting Policies form integral part of Accounts			
TOTAL		1162181.16	929001.41


(H.K. Agarwal)
Dy. G.M.(Accounts)

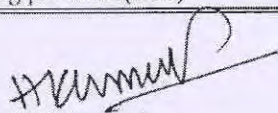

(P.K. Agarwal)
G.M.(Accounts)



(R.P. Gupta)
Director(Finance)

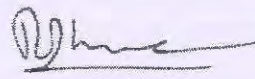

(Vijay Vishwas Pant)
Managing Director


PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT
STATEMENT OF PROFIT AND LOSS ACCOUNT FOR THE PERIOD FROM 01.04.14 TO 31.03.15


(Rs. in Lacs)				
PARTICULAR	NOTE	FOR THE PERIOD FROM 01.04.14 TO 31.03.15	FOR THE PERIOD FROM 01.04.13 TO 31.03.14	
INCOME				
Revenue from sale of power (Gross)		1039163.35	946943.57	
Less Electricity Duty		60643.56	55297.90	891645.67
Energy internally Consumed	(15)	2237.13		1026.44
Other Income				
Other Income	(16)	239506.20		166016.58
TOTAL		1220263.12	1058688.69	
EXPENSES				
Cost of Materials Consumed				
Purchase of Power	(17)	1138635.54	1137420.79	
Changes in Inventories of Finished Goods, Work-in-Progress and Stock-in-Trade				
Transmission Charges		40449.05	50544.93	1187965.72
Employees Cost	(18)		19203.21	25038.61
Operation & Other Expenses	(19)		37252.23	26990.98
Finance Cost	(20)		137307.66	106150.77
Depreciation	(21)	24417.78	21537.04	
Amortization of service line contribution & Grants etc.		(8869.76)	(7803.67)	13733.37
TOTAL EXPENSES		1388395.71	1359879.45	
Net Profit/(Loss) For the Year		(168132.59)	(301190.76)	
Net prior period Income/(Expenditure)	(22)	(8071.99)	(15959.87)	
Exceptional Items				
Net Profit/(Loss)		(176204.58)	(317150.63)	
Extra Ordinary Items				
Profit before Tax		(176204.58)	(317150.63)	
Tax Expenses				
Accumulated loss brought forward		(1075442.77)	(758292.14)	
Accumulated Profit/(Loss) Carried Over to Reserve & Surplus Note-2		(1251647.35)	(1075442.77)	
Notes on Accounts	(23)			
Earning per share(in Rs.)		(558)	(1280)	


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

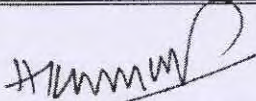

अधिकाारी अभिवन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**


NOTE-1


SHARE CAPITAL


PARTICULARS	(Rs. in Lacs)	
	As at 31.03.15	As at 31.03.14
A. AUTHORISED	500000.00	500000.00
* 50000000 (Previous Year 50000000) Equity Shares of Rs.1000/-each		
B. ISSUED SUBSCRIBED AND PAID UP		
(i) 31556379(24781533) Equity Share of Rs.1000/- each fully paid up allotted to UPPCL	315563.79	247815.33
(ii) Promotors' Shares (500 Equity Share of Rs. 1000/- each)	5.00	5.00
TOTAL	315568.79	247820.33


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director



पश्चिमींचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ


**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

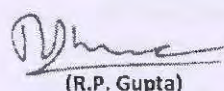
NOTE-2


RESERVES AND SURPLUS

PARTICULARS	(Rs. in Lacs)	
	As at 31.03.15	As at 31.03.14
A. Capital Reserve		
Consumers Contributions towards Service Line and other charges		
As per last Balance Sheet	126036.44	112997.11
Add: Received during the year	24585.50	20302.43
	150621.94	133299.54
Less: Transfer to P/L Account	8329.59	7263.10
	142292.35	126036.44
B. Grants		
As per last Balance Sheet	6910.63	7451.19
Add: Received during the year		
	6910.63	7451.19
Less: Transfer to P/L Account	540.57	540.56
	6370.06	6910.63
C. Restructuring reserve account		
As per last Balance Sheet	62.90	62.45
Add: Received during the year		0.45
	62.90	62.90
D. Surplus in the statement of P/L Account		
As per last Balance Sheet	(1075442.77)	(758292.14)
Add: Profit/(Loss) for the year	(176204.58)	(317150.63)
	(1251647.35)	(1075442.77)
GRAND TOTAL	(1102922.04)	(942432.80)


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

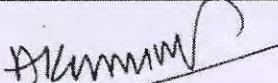
NOTE-3

SHARE APPLICATION MONEY


PARTICULARS	(Rs. in Lacs)	
	As at 31.03.15	As at 31.03.14
SHARE APPLICATION MONEY (Pending for allotment to UPPCL)	192445.81	76368.47
Total	192445.81	76368.47

Reconciliation of Share Application Money


			(Rs. in Lacs)
Share Application Money as on 31.03.2014	Received during the year	Allotted during the year	Share Application Money as on 31.03.2015
76368.47	183825.80	67748.46	192445.81


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director


अधिसूचारी अनिवार्यता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-4

LONG TERM BORROWINGS

(Rs. in Lacs)

PARTICULARS	Non-Current		Current Maturities	
	As at 31.03.15	As at 31.03.14	As at 31.03.15	As at 31.03.14
A. Secured Loan				
9.68% SECURED LOAN NON CONVERTABLE BONDS	196986.73	295480.19		
(a) Terms Loan				
(i) APDRP(PFC)	3819.19	6093.80	2274.61	2274.61
(Secured against hypothecation of all the movable assets)				
(ii) R-APDRP(PFC)	30184.99	27370.99		
(Secured against hypothecation of all the movable assets)				
(iii) R-APDRP(REC)	18982.35	8093.47		
(iv) REC	5763.05	6517.46	422.55	422.55
(For replacement of Overhead conductor with ABC conductor)				
(Secured against hypothecation of all the assets created under the loan)				
(v) REC	15672.04	13671.82	769.98	769.98
(Construction of 33 KV S/S. Secured against hypothecation of 33/11 KV created/to be created and charge on receivable of specified receipt accounts through escrow arrangements)				
(vi) REC				
(Feeder Segregation. Secured against hypothecation of assets created/to be created and charge on receivable of specified receipt accounts through escrow arrangements)				
(vii) PFC	746.84	1244.73	497.89	497.89
(Against theft prevention scheme, secured against hypothecation of assets)				
(b) Short Terms Loan				
(i) REC		2424.24		
(Secured against hypothecation of stores and charge on receivables of specified receipt accounts through escrow arrangements)				
Total	272155.19	360896.70	3965.03	3965.03
B. Unsecured Loan				
(i) Transfer Scheme				
GoUP	375.00	375.00		
REC	15023.39	16460.98	1337.17	1045.38
PFC	12.10	103.47	136.88	182.39
Total	15410.49	16939.45	1474.05	1227.77

cont....2

Hammam

Sam

[Signature]

अधिकाारी जम्हिनन्ता (वागिज्ज)
पश्चिमोचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

245

(ii) Loan by UPPCL on behalf of PVVNL

ii(a) Other than Bank


UP Govt. (APDRP)

UP Govt. (World Bank aided project)


HUDCO	43184.17	16424.93	7938.85	9084.95
REC	88523.82	74449.08	4925.26	
PRC	109901.92	74991.06	2589.23	
Total	241609.91	165865.07	15453.34	9084.95

ii(b) Loan from Bank


Central Bank of India	51014.28	53777.31	4278.64	
State Bank of India	19347.68	19809.43	994.58	
Union Bank of India	35142.60	36620.76	2718.25	
Allahabad Bank	22099.67	25338.88	3239.21	
Dena Bank	10826.03	11416.72	921.14	
Indian Overseas Bank	14016.25	14488.48	995.01	
Canara Bank	45405.65	47216.26	3191.93	
Punjab National Bank	59432.42	61851.90	4644.13	
Vijaya Bank	14530.71	15329.33	1272.35	
Bank of Maharashtra	7331.34	7713.68	605.09	
United Commercial Bank	23758.09	25070.95	1856.76	
Bank of Baroda	9725.60	10048.92	688.91	
Oriental Bank of Commerce	29769.46	31498.39	2632.82	
Bank of India	12129.69	12601.32	954.71	
South Indian Bank	3081.28	3236.91	250.06	
Punjab & Sind Bank	14318.82	15375.78	1056.95	
Federal Bank	1554.52	1525.70	104.12	
Corporation Bank	17920.84	18847.20	1480.26	
Syndicate Bank	5349.97	5597.76	407.77	
Karur Vysaya Bank	578.32	592.56	40.07	
Total	397333.22	417958.24	32332.76	
GRAND TOTAL	926508.81	961659.46	53225.18	14277.75


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director


अधिसारी अधिकारता (वाणिज्य)
पश्चिमोक्त विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-5

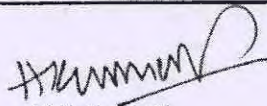
SHORT TERM BORROWINGS

PARTICULARS	(Rs. in Lacs)	
	As at 31.03.15	As at 31.03.14
SECURED LOAN		
Rural Electrification Corporation Ltd.		15000.00
(charge on receivables of specified receipt accounts through escrow arrangements)		
LOAN BY UPPCL		
Noida	4672.25	4672.25
GRAND TOTAL	4672.25	19672.25

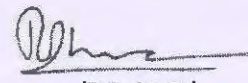
NOTE-6


TRADE PAYABLES


PARTICULARS	(Rs. in Lacs)	
	As at 31.03.15	As at 31.03.14
Uttar Pradesh Power Corporation Ltd.		
Liability for Power Purchase	173631.14	122873.21
Uttar Pradesh Power Transmission Corporation Ltd.		
Liability for Transmission Charges	118465.12	98628.93
GRAND TOTAL	292096.26	221502.14


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

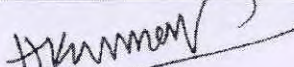

अधिसासी अधिकारी (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

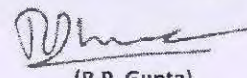
NOTE-7


OTHER CURRENT LIABILITIES


PARTICULARS	(Rs. in Lacs)	
	As at 31.03.15	As at 31.03.14
As per Transfer Scheme 2003	41488.00	41488.00
Current liabilities of long term debt	53225.18	14277.75
Interest Accrued		
(i) Interest Accrued but not due on borrowings	25936.72	21707.85
(ii) Interest Accrued and due on borrowings	9698.06	
	35634.78	21707.85
Statutory Dues	114.32	92.45
Contractor's Liability	71426.00	41203.98
Deposits & Retentions from Suppliers & Others	14747.68	10057.26
Electricity Duty & Other Levies payable to Govt.	91806.83	59010.57
Other Liabilities payable to :		
CM Relief Fund	0.98	2.45
Uttar Pradesh Power Corporation Ltd	19721.76	-30648.74
Madhyanchal Vidyut Vitran Nigam Ltd	7222.36	7161.41
Purvanchal Vidyut Vitran Nigam Ltd	255.94	218.44
Dakshinanchal Vidyut Vitran Nigam Ltd	169.05	-1330.95
Staff Related Liabilities	25554.29	26373.20
General Provident Fund	40917.07	38647.70
Pension and Gratuity	6309.35	7936.32
CPF	35.50	144.58
Provision for Expenses	808.29	634.67
Provision for Audit Expenses	65.33	62.84
Deposit for electification works	8035.07	7461.35
Security deposit from consumers	116273.50	99910.43
TOTAL	533811.28	344411.56


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director


पश्चिमांचली विद्युत वितरण निगम (वाणिज्य)
पश्चिमांचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

PROVISIONAL

NOTE-8

FIXED ASSETS

Tangible Assets										(Rs. in Lacs)
Particulars	Gross Block			Depreciation					Net Block	
	As at 31.03.14	Additions	Deductions/ Adjustments	As at 31.03.15	As at 31.03.14	Additions	Deductions/ Adjustments	As at 31.03.15	As at 31.03.15	As at 31.03.14
TANGIBLE ASSETS										
Land & Land Rights	163.26	2.72		165.98					165.98	163.26
Buildings	7835.83		4.90	7830.93	972.69	260.14		1232.83	6598.10	6863.14
Plant & Machinery	157667.09	77735.79	71522.55	163880.33	-19113.72	9335.41	13130.96	-22909.27	186789.60	176780.81
Lines, Cable Network etc.	280058.85	51473.80	4693.12	326839.53	47904.07	14525.46	473.53	61956.00	264883.53	232154.78
Vehicles	31.76			31.76	1.63	3.02		4.65	27.11	30.13
Furniture & Fixtures	915.46	1214.35	1145.14	984.67	141.16	96.38		237.54	747.13	774.30
Office Equipments	1141.96	111.23		1253.19	298.75	187.24		485.99	767.20	843.21
Transfer Scheme	238792.00			238792.00	226852.40			226852.40	11939.60	11939.60
Sub Total	686606.21	130537.89	77365.71	739778.39	257056.98	24407.65	13604.49	267860.14	471918.25	429549.23

Assets not in Possession of Paschimanchal Vidyut Vitran Nigam Ltd.

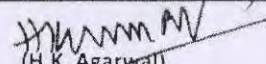
PARTICULARS	AS AT 31.03.2014	ADDITIONS	Depreciation	As as 31.03.2015
Assets not in Possession of PVVNL	213.14	1277.22	10.12	1480.24
Total	213.14	1277.22	10.12	1480.24


CAPITAL WORKS IN PROGRESS

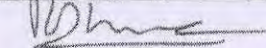
PARTICULARS	AS AT 31.03.2014	ADDITIONS	Capitalised	As as 31.03.2015
Capital Work in progress	30749.44	168038.67	126293.54	72494.57
Total	30749.44	168038.67	126293.54	72494.57


INTANGIBLE ASSETS

NIL


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

पश्चिमंचल विद्युत वितरण निगम लि०
 विकसितिया पार्क, मेरठ

219

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-9

OTHER NON-CURRENT ASSETS

(Rs. in Lacs)

PARTICULARS	As at 31.03.15	As at 31.03.14
-------------	----------------	----------------

Balance in Fixed Deposit (Note 12)
(Remaining Maturity more than twelve months)
Amount disclosed under other current assets Note

TOTAL		
-------	--	--

NOTE-10

INVENTORIES


(Rs. in Lacs)

PARTICULARS	As at 31.03.15	As at 31.03.14
-------------	----------------	----------------


Stores and Spares	36528.32	36118.03
Less: Provision for unserviceable store	4631.00	4631.00

TOTAL	31897.32	31487.03
-------	----------	----------

Notes : Stores and Spares includes capital, and O&M material, obsolete material, scrap transformer sent for repair, material found excess/shortage pending for investigation.


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

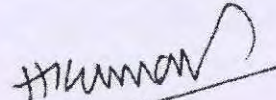
**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-11


TRADE RECEIVABLE


(Rs. in Lacs)


PARTICULARS	As at 31.03.15	As at 31.03.14
Sundry Debtors		
<u>Debt outstanding for a period exceeding six months</u>		
Unsecured & considered good	266813.18	239346.63
Considered doubtful	180251.98	178633.89
	447065.16	417980.52
<u>Debt outstanding for a period not more than six months</u>		
Unsecured & considered good	27255.35	25406.53
Considered doubtful	1349.30	1337.19
	28604.65	26743.72
<u>Debt outstanding against theft</u>		
Unsecured & considered good	9592.41	8433.12
Considered doubtful	3197.47	2811.04
	12789.88	11244.16
Total Debtors	488459.69	455968.40
Less - Provision for Bad & Doubtful Debts	184798.75	182782.12
NET DEBTORS	303660.94	273186.28


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

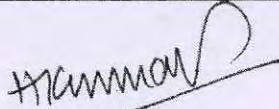

अधिकाारी अधिवन्ता (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

Note-12


CASH AND BANK

(Rs. in Lacs)

PARTICULARS	Non-Current		Current Maturities	
	As at 31.03.15	As at 31.03.14	As at 31.03.15	As at 31.03.14
Balances in Current Accounts			46888.03	91395.47
Balance in Fixed Deposit (Remaining Maturity less than twelve months)			733.67	729.50
Balance in Fixed Deposit (Remaining Maturity more than twelve months) Amount disclosed under other current assets Note no-9				
Cash in hand			36535.62	13133.74
TOTAL			84157.32	105258.71


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

PROVISIONAL

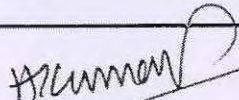
PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT

NOTE-13


SHORT TERM LOANS AND ADVANCES

(Rs. in Lacs)


PARTICULARS	As at 31.03.15	As at 31.03.14
ADVANCES (Unsecured)		
Suppliers / Contractors	78606.22	33917.97
	78606.22	33917.97
Prepaid Expenses		
Prepaid Expenses	16.52	17.54
	16.52	17.54
ADVANCES (Secured)		
Staff	10.93	14.09
Income Tax(TDS)	471.75	375.31
Fringe Benifit Tax	23.49	23.49
	506.17	412.89
TOTAL	79128.91	34348.40


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director


अधिशारी अक्षयन्ता (वाणिज्य)
पारश्चमोचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

253

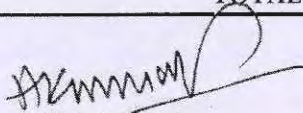
**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-14


OTHER CURRENT ASSETS


(Rs. in Lacs)

PARTICULARS	As at 31.03.15	As at 31.03.14
Receivables as per Transfer Scheme	2198.00	2198.00
Income accrued on deposit	156.26	159.56
<u>Receivables</u>		
Uttar Pradesh Government.	11128.42	11128.42
Uttar Pradesh Power Corpoartion Ltd.	79022.42	4164.75
Uttar Pradesh Power Trans. Corp. Ltd.	339.74	244.88
KESCO	103.22	103.22
<u>Receivables on accounts of Loan</u>		
Uttar Pradesh Power Corpoartion Ltd.	0.06	0.06
Less:- Liabilities against Loan	6809.29	6809.35
		-4607.08
		(4607.02)
<u>Receivables from staff</u>		
Employees	1596.78	1678.68
Less Provision for doubtful Receivable	-426.96	-435.15
		1243.53
Misc. Receivable	156.44	39.61
Theft of fixed Assets pending investigation	7638.78	6969.70
Less Provision for Estimated Loss	-7638.78	-6969.70
<u>Inter Unit Transfer</u>		
IUT	16359.94	9534.23
TOTAL	117443.61	24209.18


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

पश्चिमांचल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

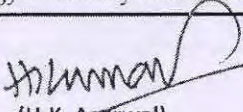
**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-15

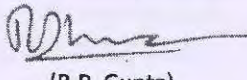
REVENUE FROM OPERATIONS


(Rs. in Lacs)


PARTICULARS	2014-15	2013-14
<u>Large Supply Consumers</u>		
Industrial	452379.37	412820.29
Irrigation	17.99	14.87
Public Water Works	21402.74	19933.31
<u>Small & Other Consumers</u>		
Domestic	254831.83	217092.28
Commercial	78076.97	67737.04
Industrial Low & Medium Voltage	66889.03	72983.52
Public Lighting	12313.21	10808.03
STW & Pump Canals	14759.66	12482.09
PTW & Sewage Pumping	41003.28	29637.81
Institution	14763.00	12813.59
Railway	3487.23	3756.50
Assessment against Theft	3032.32	3551.93
Regulatory Surcharge	16904.77	28256.57
Miscellaneous Charges from consumers	895.52	784.28
Less:-Energy internally Consumed	(2237.13)	(1026.44)
Sub Total	978519.79	891645.67
Electricity Duty	60643.56	55297.90
Gross Sale of Power	1039163.35	946943.57
Less: Electricity Duty	60643.56	55297.90
Net Sale of Power	978519.79	891645.67
Energy internally Consumed	2237.13	1026.44


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director


उत्तरी उत्तर प्रदेश (वाणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-16

OTHER INCOME

(Rs. in Lacs)

PARTICULARS	2014-15	2013-14
R.E. Subsidy from Govt. of U.P.	10431.00	10360.00
Revenue Loss & Tariff Subsidy from Govt. of UP	168434.00	144319.00
Subsidy for Operational Loss	21513.39	
Reimbursement of Interest on Bonds by Govt.	30716.34	
Interest from loan to Staff *	0.10	0.19
Delayed Payment Charges from consumers	6397.32	9922.40
Interest from Bank	1418.91	1153.10
Income from Contractors/Suppliers	501.61	155.56
Rental from Staff	14.57	40.80
Rebate for timely repayment of Loan	40.26	41.08
Miscellaneous Receipts	38.70	24.45
TOTAL	239506.20	166016.58

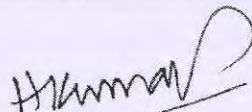
* Pertains to loan amount advanced during UPSEB period


NOTE-17


PURCHASE OF POWER


(Rs. in Lacs)


PARTICULARS	2014-15	2013-14
Power Purchase	1138635.54	1137420.79
Transmission Charges	40449.05	50544.93
TOTAL	1179084.59	1187965.72


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director


अधिकाारी अधिवक्ता (अधिवक्ता)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

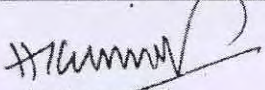
256


**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**


NOTE-18


EMPLOYEES COST


PARTICULARS	(Rs. in Lacs)	
	2014-15	2013-14
Salaries & Allowances	14956.45	15966.84
Dearness Allowance	14366.76	12300.90
Other Allowance	1183.25	1261.54
Bonus	16.64	195.70
Medical Expenses	435.63	886.47
Leave Travel Assistance		
Earned Leave Encashment on retirement	2261.37	3939.18
Compensation	4.81	6.50
Staff Welfare Expenses	14.07	17.43
Pension & Gratuity	3670.99	3946.57
CPF	862.39	643.49
Expenditure on Trust	56.17	59.53
Sub Total	37828.53	39224.15
LESS - Expenses Capitalised	18625.32	14185.54
TOTAL	19203.21	25038.61


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director


पश्चिमोत्तर प्रदेश विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

257


**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**


NOTE-19

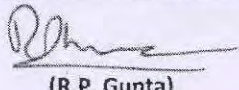
OPERATION & OTHER EXPENSES


(Rs. in Lacs)


PARTICULARS	2014-15	2013-14
REPAIR & MAINTENANCE		
Plant & Machinery	6601.98	8190.58
Buildings	229.85	355.79
Lines, Cables net works etc.	14090.38	12165.53
Vehicle	1073.10	
Furniture & Fixtures		1.20
Office Equipments	38.81	38.90
OTHER EXPENSES		
Rent	50.13	39.26
Rates & Taxes	13.49	0.46
Insurance	120.22	49.15
Telephone	401.65	230.51
Postage	33.70	31.43
Legal Charges	125.05	129.25
Audit Fee	45.09	42.02
Traveling Expenses (Audit)	0.64	3.34
Consultancy Charges	667.56	97.19
Fees & Subscription	31.00	380.22
Traveling and Conveyance	352.91	362.23
Printing and Stationery	347.40	278.96
Advertisement Expenses	230.80	75.97
Electricity Charges	2237.13	1026.44
Water Charges	2.26	0.75
Meter Reading & Billing Expenses	7229.98	2498.54
Expenditure on Trust	3.79	2.86
Compensation staff	3.64	13.11
Compensation (Other than staff)	144.21	93.65
Miscellaneous Expenses	2695.12	1470.70
PROVISIONS		
Provision for Doubtful Debts	2016.63	531.30
Other Expenses		
Provision for Loss against theft of Fixed Assets pending investigation	669.08	848.21
Provision for Bad & Doubtful Dues from staff on accounts of various reasons.		277.14
SUB TOTAL	39455.60	29234.69
LESS - Expenses Capitalised	2203.37	2243.71
TOTAL	37252.23	26990.98


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director


अविभागीय अधिकायक (आणिज्ज)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

259

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-20

FINANCE COST

(Rs. in Lacs)

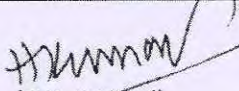
PARTICULARS	2014-15	2013-14
Interest on Loans		
Government of UP		1053.52
Interest on Bonds	35657.73	13609.67
PFC	11325.02	8203.42
Others		
R-APDRP	2124.26	216.62
APDRP	913.48	1176.75
HUDCO	3828.73	4327.67
MANDI PARISHAD		
REC	17839.56	14352.98
Bank Loan	55004.18	55151.55
Interest on GPF	1394.91	1284.71
Interest to Consumers	9215.12	7049.27
Finance Charges	2.09	3.74
Bank Charges		
Others	2.58	25.59
SUB TOTAL	137307.66	106455.49
LESS - Interest Capitalised		304.72
TOTAL	137307.66	106150.77


NOTE-21


DEPRECIATION


(Rs. in Lacs)


PARTICULARS	2014-15	2013-14
Depreciation	24407.66	21537.04
Ammortization of service line contribution & Grants etc	-8869.76	-7803.67
Depreciation on Assets not in possession of PVVNL	10.12	
GRAND TOTAL	15548.02	13733.37


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director


अधिकारी अतिरिक्त (आगिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

259

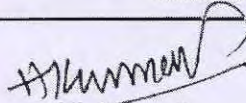
**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.,
VICTORIA PARK, MEERUT**

NOTE-22


NET PRIOR PERIOD INCOME/(EXPENSES)

(Rs. in Lacs)


PARTICULARS	2014-15	2013-14
A. INCOME		
Receipt from consumers		
Excess Prov. of Depreciation		11.42
Excess Prov. for Liability		804.59
Excess Prov. for Misc. Adv. against employee	8.19	
SUB TOTAL	8.19	816.01
B. EXPENDITURE		
Power Purchase		
Wheeling Charges		
Operating Expenses	1.00	201.81
Employees Cost	686.09	807.55
Depreciation Prev. Years		
Interest & finance charges	7393.09	3624.07
Admin. & General Exp. For Previous Years		14.78
Short Prov. of Doubtful debt.		12127.67
SUB TOTAL	8080.18	16775.88
GRAND TOTAL	(8071.99)	(15959.87)


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

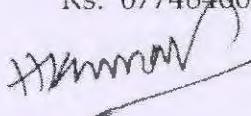

अधिकारी जम्हियता (प्रबन्धक)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

260

PASCHIMANCHAL VIDYUT VITRAN NIGAM LIMITED**Note No. 23**

NOTES ON ACCOUNTS ANNEXED TO AND FORMING PART OF BALANCE SHEET AS AT 31.03.2015 AND PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED ON THAT DATE

- 1) (a) The Company was incorporated under the Companies Act 1956 on 01-05-2003 and commenced the business operations w.e.f 12-08-2003 in terms of Government of U.P Notification No. 2740/P-1/2003-24-14P/2003 dated 12-08-2003.
- (b) The Company is a subsidiary of U.P. Power Corporation Ltd. The provisional annual accounts for the year 2014-15 are based on the balances of assets and liabilities received as per Transfer Scheme 2003 as well as the transactions pertaining to business during the period 12-08-2003 to 31-03-2004 and the financial years 2004-05 to 2014-15. The final transfer scheme is yet to be finalised and the balances in the accounts will be adjusted accordingly.
- (c) Authorised capital of the company is Rs. 5,000 crore. divided in Rs. 5 crore. equity shares of Rs. 1000 each.
- (d) The share capital includes 500 Nos. Equity Shares of Rs. 1000 each allotted to subscribers of Memorandum of Association and shown separately in Balance Sheet.
- (e) During the year Rs. 18382580329.37 has been received as Share Application Money from UPPCL which includes the following :-
- (i) The interest payable on Government Loan amounting to Rs. 1876833464.37 has been converted into Equity vide G.O. no. 96/2699/24-1-14-1041 (बजट)/2013 टीसी dated 17.12.2014.
- (ii) Financial assistance under Rajeev Gandhi Gramin Vidyutikaran Yojna (A Central Govt. Scheme) amounting to Rs. 252220409.00 has been received as Equity.
- (iii) Equity amounting to Rs. 862000000.00 received against compensation for Operational Loss in Financial Year 2013-14, has been converted into Subsidy vide G.O. no. 70/1615/24-1-14-1043 (बजट)/2013 dated 16.09.2014.
- (iv) Bonds of Rs. 9849345957.00 (Issued by Uttar Pradesh Power Corporation Ltd. under FRP on behalf of the Paschimanchal Vidyut Vitran Nigam Ltd.) has been converted into Equity vide G.O. no. 19/633/24-1-15-2021 (बजट)/2014 dated 19.03.2015.
- (f) During the year 6774846 equity shares of Rs. 1000 each, valuing Rs. 6774846000.00 has been allotted to Uttar Pradesh Power Corporation





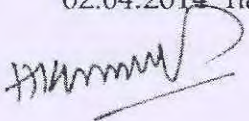




261

Limited as approved in the 80th meeting of Board of Directors held on 11.06.2014

- (g) Difference of Loan transferred under provisional Transfer Scheme 2003 and actual loan amounting to Rs. 6290090.00 (Credit) has been shown in Restructuring Reserve Account (Refer Balance Sheet Note No.-2).
- 2) (a) The Company is making efforts to recognize and identify the location of fixed assets, transferred under the Transfer Scheme-2003 for the purpose of maintaining the Fixed Assets Register. Till such time the assets as mentioned in the Transfer Scheme, have been taken into accounts.
- (b) The Company is making efforts to provide the depreciation as per the provisions of Companies Act, 2013. Till then during the year, the depreciation has been provided as per the Schedule-XIV of Companies Act 1956 on "Straight Line Method" basis.
- (c) In absence of asset wise break up of Plants & Machinery, Lines & Cables and other assets taken over as on 12-08-2003, the depreciation on these assets has been charged @ 4.75% on the value transferred as per transfer scheme 2003, being the rate prescribed for majority of items as per Companies Act 1956.
- (d) Due to multiplicity of nature of capital works and difficulty in establishing the correct date of installation of assets, (where actual date is not available) the depreciation on addition of fixed assets during the year has been provided on pro-rata basis by taking average six months period.
- 3) The loan taken by UPPCL on behalf of the Company has been transferred during the year 2014-15 amounting to Rs. 823.75 Crore and repayment made by UPPCL amounting to Rs. 14.20 Crore while Rs. 114.46 Crore has been added in the loan of HUDCO as per advise of UPPCL and have been accounted for accordingly.
- 4) Since implementing period of RAPDRP Part-A has been extended from three years to five years by Ministry of Power, Govt. of India vide its order no. 14/01/2011-APDRP dated 08.07.2013 as informed by M/s Power Finance Corporation Ltd., New Delhi vide letter no. 02:10R-APDRP (P-A):2009: UPPCL/12439 dated 31.07.2013 which has further been extended by Power Finance Corporation Ltd. vide letter no. 02/10/R-APDRP (P-A)/2014/PVVNL/ 022008 dated 28-07-2014 upto 30-06-2015, the interest on loan taken under RAPDRP Part 'A' amounting to Rs. 95.19 crore has been treated as contingent liability.
- 5) Rs. 3071633950.00 on account of Interest on Bonds has been reimbursed by the Govt. of U.P. vide G.O. no. 39/647/24-1-14-647 (बजट)/2014 dated 02.04.2014 has been accounted for as a subsidy received from Govt. of



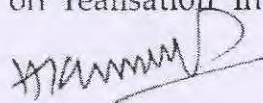
अधिकारी (व्यक्तिगत)
पश्चिमोत्तर विद्युत निगम लि०
विक्टोरिया पार्क, मेरठ

262

U.P.(through UPPCL)

A subsidy for operational loss amounting to Rs. 39839000.00 for 2012-13, Rs. 655500000.00 for 2013-14 and Rs. 1456000000.00 for 2014-15 have been received from Govt. of U.P.

- 6) Necessary action for capitalisation of borrowing cost has been taken as per AS-16.
- 7) Revenue subsidy from Govt. of UP is received through UP Power Corporation Ltd. During the year Rs. 1702.45 crores on account of revenue subsidy has been accounted for as per credit note received.
- 8) Provision against bad & doubtful debts
 - (i) 25% provision has been made against receivables from consumers for theft of energy,
 - (ii) 5% provision has been made against increase in receivables since transfer scheme
 - (iii) No additional provision has considered necessary against debts disputed in various courts as these debts are included in debts against which above provisions have been made.
- 9) Yearwise classification of Sundry Debtors could not be given as the same is under process. Company has taken increase in trade receivables during last 6 months as amount outstanding for less than 6 months.
- 10) Accounting for Subsidy, Grants, Bonds, Loan taken by UP Power Corporation Ltd. on behalf of the company and interest thereon, cost of power purchase, transmission charges, guarantee fees, medical reimbursement (Cash less scheme) and expenses on trust are accounted for on the basis of advice from UPPCL the holding company and the relevant documents are available with them.
- 11) The provision for unserviceable/obsolete material has not been made since the sufficient provision already exists in the Transfer Scheme-2003.
- 12) The provision for doubtful receivable from employees have been made @ 10% on the incremental basis appearing at the close of financial year under the head "Other Current Assets- Other Receivables-Employees" have been made.
- 13) The 100% Provision for loss on account of theft of fixed assets pending investigation have been made for balance at the close of financial year.
- 14) (a) Some balances appearing under the heads 'Current Assets', 'Loans & Advances', "Unsecured Loans", 'Current Liabilities', Material in transit/ under inspection/lying with contractors are subject to confirmation/ reconciliation and subsequent adjustments, as may be required.
(b) On an overall basis the current assets, loans and advances have a value on realisation in the ordinary course of business, at least equal to the



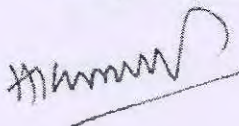
पञ्जाब विद्युत निगम लि०
दिव्योदय पार्क, मेरठ

amounts at which these are stated in the Balance Sheet.

- 15) The Value of construction stores is charged to capital work-in-progress as and when the material is issued. The material at the year end lying at the work sites is treated as part of capital work in progress but the material lying in stores is grouped under the head "Stores & Spares".
- 16) (a) (i) The energy is being purchased as a bulk supply from UPPCL (The Holding Company).
(b) (i) UPPTCL has charged the Transmission charges @ Rs. 0.135 per KWH from April-2014 to October-2014 and Rs. 0.1937 per KWH from November-2014 to March-2015 as per order of the regulator M/s UPERC issued vide no. UPERC/Secy/D(T)/2015-129 dated 16.04.2015.
- 17) Amount due to Small & Micro units could not be ascertained and interest thereon could not be provided for want of complete information. Efforts are being made to segregate the same.
- 18) Based on actuarial valuation report submitted by M/s Price Waterhouse Coopers to UPPCL (the Holding Company) and adopted by their Board of Directors, the provision for accrued liability on account of Pension and Gratuity during the year has been made @ 16.70% and 2.38% respectively on the amount of Basic Pay, Grade Pay and DA paid to the employees.
- 19) Liability towards Staff training, Medical expenses and LTC has been provided to the extent established.
- 20) Rebate received against timely repayment of loan has been accounted for on cash basis.
- 21) Expenditure on UP Power Sector Employees Trust amounting to Rs. 59.96 (previous year 62.39) lacs, distributed on prorata basis has been accounted for as intimated by the Holding Company.
- 22) Employees cost includes remuneration to Managing Director and Directors as under.

	Amount (Rs. in Lacs)	
	2014-15	2013-14
Salary and Allowance	47.21	52.64
Contribution to Gratuity/ Pension	7.97	7.69

- 23) Payment to Directors and Officers in foreign currency towards foreign tour was Nil. (previous year - NIL)
- 24) Debts due from Directors were Rs. NIL. (Previous year - NIL)
- 25) AS-2: The Company has large nos. of Stock items located at various divisions/sub-divisions/store centre etc.. To establish the realisable value, as such, is practically very difficult. Same has been valued at cost. The





अधिकारी (कार्मिक्य)
परिचालन विभाग
विद्युत निगम लि०
विद्युत विभाग, मेरठ


204


difference of cost and realization value in overall position will be insignificant.

- 26) AS-10: Due to multiplicity of functional units as well as multiplicity of function at particular unit, employees cost and administration & general expenses to capital works are capitalized @ 15% on distribution and deposit work, 11% on other works on the amount of total expenditure. However capitalization of employees cost and administration & general expenses is restricted to the expenditure actually made in a particular financial year.
- 27) Since the Company is principally engaged in the distribution business of electricity and there are no other reportable segment as per AS-17, hence the disclosure as per AS-17 on segment reporting is not required.
- 28) The disclosure required as per AS-18 issued by ICAI on related parties transactions is not applicable as the Accounting Standard provides that " no disclosure is required in the financial statement of state-controlled enterprises as regard related party relationship with other state-controlled enterprises and transactions with such enterprises"
- 29) Due to heavy carried forward losses/depreciation and uncertainties to recover such losses/depreciation in near future, accounting of deferred tax assets as required by AS-22 issued by ICAI is not made.
- 30) AS-28 requires estimation and provision for impairment loss represented by amount by which the carrying amount of an asset exceeds its recoverable amount. The recoverable amount is higher of the assets net selling price and its value in use based on the present value of estimated future cash flows expected from the use of assets and its disposal at the end of its useful life. It is worth mentioning here that assets of the Company have been accounted for at their historical cost and most of the assets are very old. Thus the impairment of assets is unlikely in the Company because of the fact that the recoverable amount of the assets is higher than its present accounted value.
- 31) The figures shown in the Balance Sheet, Profit & Loss Account and Schedules have been rounded off to the nearest rupees in lakhs.
- 32) Previous year figures have been regrouped, rearranged and reclassified wherever considered necessary.


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director

PASCHIMANCHAL VIDYUT VITRAN NIGAM LIMITED
VICTORIA PARK, MEERUT

SIGNIFICANT ACCOUNTING POLICIES 2014-15

GENERAL

- (a) The financial statements are prepared in accordance with the provisions of The Companies Act 2013.
- (b) The accounts are prepared under historical cost convention, on accrual basis unless stated otherwise and on accounting assumption of going concern.
- (c) Subsidy, Grants etc are accounted for on cash basis. Interest on loans to staff is accounted for on receipt basis after the recovery of principal in full.

FIXED ASSETS

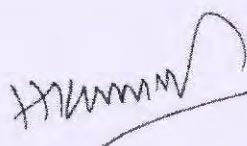
- (a) Fixed Assets are shown at the value transferred as per transfer Scheme, 2003 as well as the transactions made by Nigam w.e.f. 12.08.2003 onwards.
- (b) All costs relating to the acquisition and installation of fixed assets till the date of commissioning are capitalized.
- (c) Consumers' Contribution, Grant and subsidies received towards cost of capital assets are treated initially as capital reserve and subsequently amortized in the proportion in which depreciation on related asset is charged.
- (d) In the case of commissioned assets, where final settlement of bills with the contractor is yet to be affected, capitalization is done, subject to necessary adjustment in the year of final settlement.
- (e) Due to multiplicity of functional units as well as multiplicity of functions at particular unit, employees cost, administration & general expenses to capital works are capitalized @ 15% on distribution and deposit work, 11% on other works on the amount of total expenditure. However for fair accounting treatment, the same has been restricted to the expenditure actually incurred in a particular financial year.
- (f) The 100% provision for loss on account of theft of fixed assets pending investigation are being made for balance at the close of financial year.

DEPRECIATION

- (a) Depreciation is charged on straight line method at the rates prescribed in the schedule XIV of Indian Companies Act 2013.
- (b) Fixed assets are depreciated up to 95% of original cost after taking 5% as the residual value of assets.

STORES & SPARES

- (a) Stores & Spares are valued at cost.
- (b) Steel scrap is valued at realizable value and scrap other than steel is accounted for in the accounts as and when sold.
- (c) Any shortage/excess of material found during the year end are shown as "material short/excess pending investigation" till the finalization of investigation.



अधिशारी अधिकारिता (काणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

206

REVENUE/EXPENDITURE RECOGNITION


- (a) Revenue from sale of energy is accounted for on accrual basis.
- (b) Late payment surcharge recoverable from consumer on energy bills is accounted for on cash basis due to uncertainty of realisation.
- (c) The sale of electricity does not include electricity duty payable to the State Government, as the same is not the income of the Nigam.
- (d) Assessment of own energy consumption is done on the basis of connected load/hours of supply/meters.
- (e) Sale of energy is accounted for based on tariff rates approved by U.P. Electricity Regulatory Commission.
- (f) In case of detection of theft of energy, the consumer is billed on laid down norms irrespective of actual realisation from the consumer.
- (g) Penal interest, overdue interest, commitment charges, restructuring charges and incentives/rebates on loans are accounted for on cash basis after final ascertainment.
- (h) 5% provision for bad and doubtful debts against revenue from sale of power are being made on incremental basis.
- (i) The provision for doubtful receivable from employees are being made @ 10% on incremental basis.


POWER PURCHASE


The bulk power purchase from UPPCL, is accounted for on the basis of bills raised by the UPPCL, the holding company.


RETIREMENT BENEFITS


- (a) Liability for Pension & Gratuity in respect of employees has been determined on the basis of actuarial valuation and has been accounted for on accrual basis.
- (b) Post retirement medical benefits are accounted for on the basis of claims received and approved during the year.
- (c) Leave encashment has been accounted for on accrual basis.


(H.K. Agarwal)
Dy. G.M.(Accounts)


(P.K. Agarwal)
G.M.(Accounts)


(R.P. Gupta)
Director(Finance)


(Vijay Vishwas Pant)
Managing Director


अपिशाही अभिवन्ता (वाणिज्य)
परिचालक विद्युत वितरण निगम लि०
विक्टोरिया पार्क, देरह

R P L & CO.

Chartered Accountants

INDEPENDENT AUDITORS REPORT

To
The Members of
Paschimanchal Vidyut Vitran Nigam Ltd.,
Urja Bhawan, Victoria Park,
Meerut-U.P.

Report on Financial Statements

We have audited the accompanying financial statements of PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD MEERUT, (a wholly owned subsidiary of M/S U.P. Power Corporation Limited, Lucknow) which comprise the Balance Sheet as at 31-03-2014, the Statement of Profit & Loss and Cash Flow Statement for the year then ended and a summary of significant accounting policies and other explanatory informations. In these financial statements, trial balances (March Final 13-14) of four zones of the company, audited by the respective zonal auditors are incorporated alongwith trial balances of Head Office of the company. The reports on account of zonal offices, audited under section 228 of Indian companies Act 1956, by the zonal auditors, have been forwarded to us, as required in the section, are appropriately dealt with by us, in framing this report.

Management Responsibility for the Financial Statements

The company's management is responsible for the preparation of these financial statements that give a true and fair view of the financial position, financial performance and cash flows of the company in accordance with accounting principles generally accepted in India, including the accounting standards referred to under section 211(3c) of Indian Companies Act, 1956. The responsibility include design, implementation and maintenance of internal controls relevant to the preparation and fair presentation of the financial statements that are free from material misstatements, whether due to fraud or error.

Auditors' Responsibility

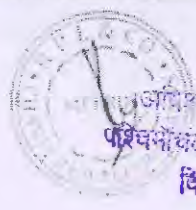
Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Standards on Auditing issued by The Institute of Chartered Accountants of India. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and the disclosures in the financial statements. The procedures selected depend on auditor's judgement, including the assessment of the risks of material misstatements of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal controls relevant to the company's preparation and fair presentation of the financial statements,

Contd..

Head Office: 379, Brahm Puri, House of Late Shri Jagdish Bhattewale, Meerut-U.P. Pin-250001
BO: Ganga Apartments, 1st Floor, 1/50, Lalita Park, Laxmi Nagar, Vikas Marg, Delhi-92
Phones: 22420772, 22024044. Fax: 22024044. E-Mail: rajendra.icai@vahoo.com

1 | Page


राजेश्वरी कल्याण (वाणिज्य)
परिचयकेल विद्युत वितरण निगम लि०
विक्टोरिया पार्क, मेरठ

208

R P L & CO.
Chartered Accountants

in order to design the audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by the management as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidences we have obtained are sufficient and appropriate to provide a basis for our qualified audit opinion.

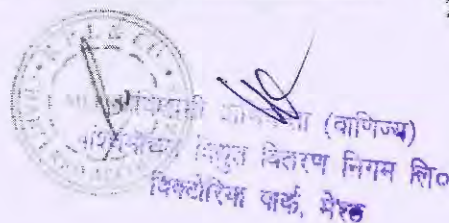
Basis for Qualified Opinion

1. Necessary records relating to fixed assets of the company have not been maintained. These assets have not been physically verified by the management.
2. Details relating to assets & liabilities transferred to the company under **Transfer Scheme 2003** from the holding company are not available with the company and are incorporated in the books of accounts on the basis of consolidated amount in the scheme.
3. Dates of installation and commissioning of plant and machineries/equipments and date of put to use are not on record. Assets are not capitalized on due dates i.e. on completion of assets and the amount of w.i.p. is transferred to fixed assets at year end without ascertaining their completion and preparing any completion reports.
4. Physical verification of inventories could not be conducted in some of the divisions. The procedure adopted for physical verification is not reasonable and adequate. System of valuation and compilation of stock is not appropriate. Significant differences have been reported by auditors of Moradabad zone in value of inventory as per 2S and accounts.
5. No system by which volume and amount of item of stores are worked out at year end and obsolete, slow moving/non-moving/ unserviceable stocks are identified. Non maintenance of proper records i.e. store ledgers (3S&3T), tools registers (4S&4T) etc. by some of the divisions and week control over stores has been reported by zonal auditors.
6. Insurance cover for most of assets including building, equipments, inventories etc. has not been obtained.
7. Party-wise break-up of trade receivables, loans and advances, other current assets and some of the liabilities included under the head other current liabilities are not available, in absence of which their accuracy may n't be verified and the procedure of seeking external confirmations as prescribed in SA-505 could not be initiated. Balance confirmations are obtained by management only from 5.3 % of outside parties.

Contd..

Head Office: 379, Brahm Puri, House of Late Shri Jagdish Bhattewale, Meerut-U.P. Pin-250001
BO: Ganga Apartments, 1st Floor, 1/50, Lalita Park, Laxmi Nagar, Vikas Marg, Delhi-92
Phones: 22420772, 22024044. Fax: 22024044. E-Mail: rajendra.icni@yahoo.com

2 | Page



209

R P L & CO.

Chartered Accountants

8. In absence of summary of billing ledgers, debtors shown in accounts/balance sheet may not be verified. No record is available for outstanding against old receivables, action taken, reasons for non-recovery, records relating to pending legal/arbitration cases, recovery status, reasons for pendency, agewise analysis etc.

9. Provisions made for unserviceable store and doubtful debts at the time of Transfer Scheme 2003 are continuing. While no additional provision has been made against increase in inventories, some additional provisions against doubtful debts have been made on ad-hoc basis, without ascertaining the realizable value. In absence of complete details, sufficiency of provision may not be verified at our end.

11. The zonal auditors have reported that the physical verification of cash could not be done in some of the divisions. Bank reconciliations were not provided to zonal auditors by some of the divisions. The reconciliation statements made available to the zonal auditors were carrying large number of old outstanding entries for amounts debited/ credited by bank without any corresponding entry in books of account and vice versa..

11. Some of the divisions have recorded sales on the basis of CS-3 & CS-4, which are part of MIS. Sales booked in accounts i.e revenue from sale of power shown in note 15 and no. of units sold shown in note 23(29) of financial statements may not be verified in absence of summary of billing ledgers. Billing Ledgers, CS-3,CS-4, and accounts are not reconciled at any stage.

12. System of Accounts & Financial Control is in-effective :

- (i) Claims against sale of electricity not recovered properly. Level of trade receivables have exceeded to around 6 months of revenue while only 7 to 15 days are allowed to customers normally, for payment of bills.
- (ii) Many housing and other advances to employees and advances to suppliers/contractors are pending for adjustment.
- (iii) Internal Audit for the period under audit has not been completed.
- (iv) Reports from vigilance department are not shown to zonal auditors.
- (v) Record for requirement of additional security from customers, reasons for non-recovery etc. are not shown to zonal auditors by some of the divisions.
- (vi) Inter unit accounts not reconciled properly.
- (vii) Internal control system procedures with regard to purchase of stores, plant and machineries, equipment and other assets and for sale of goods and recovery of old dues need strengthening.

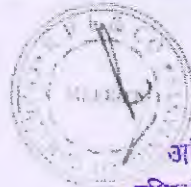
13. The Company has contravened the provisions of :

- (i) Section 143 of Companies Act, 1956 by not maintaining register of charges,
- (ii) 209(I) of Indian Companies Act, 1956 by not maintaining any record relating to (a) assets and liabilities obtained under Transfer Scheme 2003 from its holding company i.e. UPPCL,
- (iii) Subsidy, Grants, Bonds, Unsecured Loans, interest on bonds/unsecured loans and expenses on trust are accounted for on the basis of advice from holding company i.e. UPPCL and the

Contd..

Head Office: 379, Brahm Puri, House of Late Shri Jagdish Bhattewale, Meerut-U.P. Pin-250001
BO: Ganga Apartments, 1st Floor, 1/50, Lalita Park, Laxmi Nagar, Vikas Marg, Delhi-92
Phones: 22420772, 22024044. Fax: 22024044. E-Mail: rajendra.ical@yahoo.com

3 | Page



राजेश्वरी अकौण्टन्स (काणिज्य)
पश्चिमोत्तर विद्युत वितरण निगम लि०
विकटोरिया पार्क, मेरठ

270

R P L & CO.

Chartered Accountants

related documents are not available with the company.

(iv) Section 293 of Indian Companies Act, 1956, by borrowing more than its aggregate paid-up capital and free reserves and also more than the total borrowing powers of the company approved in its general meeting.

(v) Section 303 by not maintaining required details of directors in register of directors i.e. full name, father's name, residential address, nationality etc.

(vi) Section 383 A of the Companies Act, 1956 by not appointing the whole time Company Secretary.

(vii) Schedule VI of Indian Companies Act, 1956 as (i) trade receivables are not properly classified into debts exceeding 6 months and others (note 23(12)), (ii) Nature of security of convertible bonds classified under the head Secured Loans not disclosed, (iii) Terms of repayment of bonds and other loans are not disclosed.

(viii) Schedule XIV of Indian Companies Act, 1956, as procedure adopted for charging depreciation as disclosed in Note 23 (2c & 2d) of financial statements is contrary to the provisions of this schedule. Depreciation has been charged on assets taken back from sites and assets not in use too. Depreciation on plant and machinery in Note 8 of financial statements is showing negative balance of Rs. 191.14 Crore.

(viii) Chapter XVII of Income Tax Act 1961, as large number of cases of non-deduction/lesser deduction of tax, late deposit of tax, late/non filing of returns have been noticed/reported by zonal auditors.

(x) Service Tax, all the divisions were not registered under Finance Act 1994 and were not discharging their liability of paying tax and filing returns.

(xi) MSMED Act 2006, by not providing information about amount due to small and micro units. Note 23(18) of notes on accounts is not in compliance with provisions of the Act.

(xii) Non payment/delayed payment of statutory dues like GPF/CPF, pension, gratuity, electricity duty, sales tax, works contract tax etc. and filing relevant returns.

(xiii) AS-2, by not valuing inventories at lower of cost and net realizable value. Note 23(29) of notes on accounts & policy 4(a) of significant accounting policy are in contravention to AS 2.

(xiv) AS-4, by not identifying all contingencies properly and providing for all liabilities and losses, e.g. load factor rebate eligible for large and heavy customers, receivables against customers whose connections have been permanently disconnected, untraceable consumers, amount of revision in bills not adjusted in accounts, legal cases, obsolete, slow moving/non-moving/ unserviceable stocks etc.

(xv) AS-6, as the useful life of assets have not been derived at.

(xvi) AS- 9, by recognising revenue in the/provisional billing cases on basis of self assessment without ascertaining its collection, even when matter is pending in court.

(xvii) AS-10, by capitalising employees cost and administrative and general expenses at a fixed percentage as disclosed in Note 23(30) on notes on accounts is against provisions of AS-10, according to which only directly attributable cost of bringing the asset to its working condition for its intended use are to be capitalised.

Contd..

Head Office: 379, Brahm Puri, House of Late Shri Jagdish Bhattewale, Meerut-U.P. Pin-250001
BO: Ganga Apartments, 1st Floor, 1/50, Lalita Park, Laxmi Nagar, Vikas Marg, Delhi-92
Phones: 22420772, 22024044. Fax: 22024044. E-Mail: rajendra.icai@yahoo.com

4 | Page



अधिकांशी अधिकांशा (नाणिक्य)
राष्ट्रीयक विद्या विचारण निगम लि०
विद्योत्तरक रक, मेरु

271

R P L & CO.

Chartered Accountants

(xviii) AS-15, by providing employee benefits i.e. pension and gratuity in accordance of Actuary Report of 2000 which has become time-barred. Note 23(19) on Notes on Accounts is in contravention to AS-15.

(xix) AS-16, by capitalising employees cost and general administrative expenses at certain fixed percentage on cost incurred on respective assets instead of capitalizing only the overheads which are directly attributable for construction/acquisition/installation of fixed assets.

(xx) AS-28, by recording its assets at historical values without arriving at the recoverable amount of assets and by not arriving at amount of impairment of loss.

(xxi) AS-29, by not identifying and providing for its future commitments and obligations. Effect of various irregularities existing in the company, whether included herein or not, has neither been arrived at nor disclosed.

14. Most of the irregularities and weaknesses in systems and controls stated above are continuing since last so many years. In absence of required details, cumulative effect of these irregularities may not be calculated and their impact on accuracy of financial statements may not be ascertained.

16. The amount of loss as reported in the Balance Sheet as Rs. 3171.51 Crores may increase due to qualifications raised above.

Qualified Opinion

In our opinion and to the best of our information and according to the explanations given to us,

except for the possible effects of the matters described in the Basis for Qualified Opinion Paragraph, the financial statements give the information required by the Act in all material respects, in the manner so required and give a true and fair view in the conformity with the accounting principles generally accepted in India.

- In the case of the Balance Sheet, of the state of the affairs of the Company as at 31-03-2014
- In the case of the Statement of Profit and Loss of the Loss for the year ended on that date and
- In the case of the Cash Flow Statement of the Cash flows for the year ended on that date

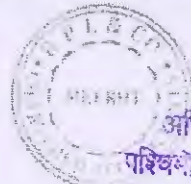
Report on Other Legal and Regulatory Requirements

As required by the Companies (Auditors Report), Order 2003 issued by the Government of India in terms of Subsection (4A) of section 227 of the Act, we submit in ANNEXURE I enclosed, a statement on the matters specified in paragraph 4 and 5 of the said order.

Contd..

Head Office: 379, Brahm Puri, House of Late Shri Jagdish Bhattewale, Meerut-U.P. Pin-250001
BO: Ganga Apartments, 1st Floor, 1/50, Lalita Park, Laxmi Nagar, Vikas Marg, Delhi-92
Phones: 22420772, 22024044. Fax: 22024044. E-Mail: rajendra.icaai@yahoo.com

5 | Page



अशिकासी जगिभन्ना (कागिज्ज)
पशिवोक्ता विहुत विराय निगम लि०
डिस्टोरिया पार्क, मेरु

272

R P L & CO.

Chartered Accountants

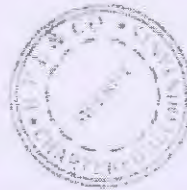
As required by section 227(3) of the Act, we report that :-

- (i) We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purpose of our audit except those mentioned in the Report or annexures to the report;
- (ii) In our opinion proper books of Account as required by law have been kept by the Company so far as it appears from examination of books, returns, subsidiary records and reports of Zonal Auditors except those which are mentioned in this report or its annexure;
- (iii) The Balance Sheet, the Statement of Profit and Loss and Cash Flow Statement dealt with this report are in agreement with the books of account and with the returns received from the zones not visited by us.
- (iv) In our opinion the Balance Sheet, the Statement of Profit & Loss and Cash Flow Statement dealt with by the report comply with the accounting standards referred to in sub-section (3C) of Section 211 of the Companies Act, 1956 except those mentioned in basis of qualified opinion paragraph of this report.
- (v) Being a Government company, pursuant to the notification no. GSR 829(E) dated 21-10-2003, issued by Ministry of Finance, Department of Company Affairs,

Govt. of India, provisions of clause (g) of sub section (1) of section 274 of the Companies Act, 1956, are not applicable to the company.

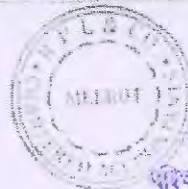
FOR R P L & CO.,
Chartered Accountants

CA. Rajendra Kumar Gupta, FCA,
Partner, M.No. 071073,
Place: Meerut
Date: 20-04-2015



Head Office: 379, Brahm Puri, House of Late Shri Jagdish Bhattewale, Meerut-U.P. Pin-250001
BO: Ganga Apartments, 1st Floor, 1/50, Lalita Park, Laxmi Nagar, Vikas Marg, Delhi-92
Phones: 22420772, 22024044. Fax: 22024044. E-Mail: rajendra.icai@yahoo.com

6 | Page



राजेश्वरी अकाउंटन्ट्स (प्रा.सं.)
राजेश्वरी अकाउंटन्ट्स निगम लि०
विक्रमोद्यम मार्ग, मेरठ

273

R P L & CO.
Chartered Accountants

ANNEXURE I TO THE AUDITORS' REPORT

Referred to in para **Report on other Legal and Regularity Requirements** section of our report of even date, we report that :

i) (a) The Company is not maintaining proper records showing full particulars, including quantitative details and situations of fixed assets.

(b) These fixed assets have not been physically verified by the management.

(c) There was no substantial disposal of fixed assets during the year, which affects the going concern assumption.

ii) (a) The physical verification of inventories was not conducted in some of the divisions due to non-availability of proper stock records.

(b) Procedure adopted for physical verification of inventories was not reasonable and adequate, in relation to the size of the company.

(c) Non maintenance of proper records i.e. store ledgers (3S&3T), tools registers (4S&4T) etc. has been reported by some of the zonal auditors. Huge differences as per accounts and 2S are reported by zonal auditors of Moradabad.

iii) The Company has not granted nor taken any loans, secured or unsecured to or from companies, firms or other parties to be covered in the register required to be maintained under section 301 of the Companies Act, 1956. We have been informed that there are no such contracts or arrangements, the particulars whereof are required to be entered in the register required to be maintained under section 301 of the Companies Act, 1956. Hence provisions of para 4(iii)(a to g) and of para 4(v)(a &bb) of CARO are not applicable on the company

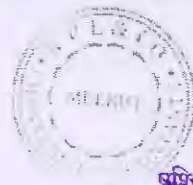
(iv) The Company has not accepted any deposits from public during the year.

iv) Internal control systems is not adequate, commensurate and with the size of the company and nature of business as regard to purchase of stores, fixed assets and sale of electricity and recovery of dues from customers.

vii) Internal Audit for the financial year ended 31.03.14 has not been completed as informed to us. .

Head Office: 379, Brahm Puri, House of Late Shri Jagdish Bhattewale, Meerut-U.P. Pin-250001
BO: Ganga Apartments, 1st Floor, 1/50, Lalita Park, Laxmi Nagar, Vikas Marg, Delhi-92
Phones: 22420772, 22024044. Fax: 22024044. E-Mail: rajendra.icaai@yahoo.com

7 | Page



अध्यापक (अध्यापक)
पश्चिम बंगाल विश्वविद्यालय लि०
विक्टोरिया पार्क, मेरठ

274

R P L & CO.

Chartered Accountants

viii) The company has not maintained the cost records, as prescribed under section 209(I)(d) of the companies Act, 1956.

(ix)(a)) As per the records produced before us and according to the information and explanations given to us the company has not been regular in depositing undisputed statutory dues applicable to it like Provident fund, Income Tax, Customs Duty, Cess etc. with the appropriate authorities. Amount of outstanding statutory dues as on 31-03-2014 as disclosed in Note 7 of Notes on Accounts of financial statements were as under :

S.No	Particulars	Amount (Rs. in Crores)	Amount payable to
1	Electricity Duty and other levies	590.11	U.P. Govt.
2	GPF, Pension and Gratuity	465.84	Employees Trust
3	CPF	1.45	Employees Trust
4	Others	.92	

(b) In absence of complete informatons the above amount of outstanding statutory dues may not be verified at our end.

© Figures of outstanding statutory dues as at the last day of financial year for a period of more than 6 months from the date they become payable are not available with the company.

(d)According to the records of the Company and explanation and information given to us there are no dues of Sale Tax, Income Tax, Custom Duty, Wealth Tax, Exeise Duty which have not been deposited on account of any dispute.

x) The company has been registered for a period not less than five years and its accumulated losses at the end of the financial year are not less than 50% of its net worth. Further it has incurred cash losses of 2874.58 Crores in the year under report and of Rs. 1123.61 Crore during immediately preceding financial year.

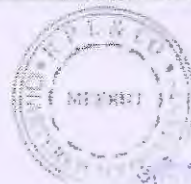
xi) Subject to our observations mentioned in our main report, we are of the opinion that the company has been generally regular in repayment of dues to financial institutions or banks.

xii) The company has not granted any loan and advances on the basis of security by way of pledge of shares, debentures and other securities.

xiii) Company is not a chit fund / nidhi / mutual benefit fund / societies, hence clause (xiii) of para 4 of the order is not applicable.

Head Office: 379, Brahm Puri, House of Late Shri Jagdish Bhattewale, Meerut-U.P. Pin-250001
BO: Ganga Apartments, Ist Floor, 1/50, Lalita Park, Laxmi Nagar, Vikas Marg, Delhi-92
Phones: 22420772, 22024044. Fax: 22024044. E-Mail: rajendra.icai@yahoo.com

8 | Page



अ. वि. प्र. सं. (क. वि. सं.)
राजेंद्र चंद्र. शर्मा, चिंतन निवास सि०
विक्टोरिया मार्ग, मेरठ

R P L & CO.

Chartered Accountants

xiv) Company is not dealing or trading in shares, debentures or other investments hence clause xiv of para 4 of the order is not applicable.

xv) As informed to us, company has not given any guarantee for loans taken by others, hence clause xv of para 4 of the order is not applicable.

xvi) As per the information and explanation given to us, the loan funds have been utilized for the purpose these funds were received.

xvii) As per the information and explanation given to us the fund received on short-term basis have not been used for long-term investment.

xviii) The Company has not made any preferential allotments of shares, hence clause xviii of para 4 of the order is not applicable.

xix) The company has not issued any debentures and has also not created any security or charge for the secured non-convertible bonds issued by the holding company.

xx) The company has not raised any money by public issue; hence clause xx of para 4 of the order is not applicable to the company.

xxi) A fraud of Rs. 2.20 Crore in EUDD-III, Meerut. Auditors of Meerut Zone have reported that cash collected through KIOSK machine was not accounted for in Cash Book deposited in cash book and also not deposited into bank on day to day basis by concerned employees. Further fixed assets worth Rs. 8.48 Crores were being theft during the year in addition to fixed assets of Rs. 61.21 Crore theft till close of previous year. Instances of credit allowed for fake cheques of Rs. 1.59 Crore were reported by zonal auditors of Ghaziabad. The amount was later debited to customers by respective divisions.

FOR R P L & CO.,
Chartered Accountants

CA. Rajendra Kumar Gupta, FCA,
Partner, M.No. 071073,
Place: Meerut
Date : 20-04-2015



Head Office: 379, Brahm Puri, House of Late Shri Jagdish Bhattewale, Meerut-U.P. Pin-250001
BO: Ganga Apartments, 1st Floor, 1/50, Lalita Park, Laxmi Nagar, Vikas Marg, Delhi-92
Phones: 22420772, 22024044. Fax: 22024044. E-Mail: rajendra.icai@yahoo.com

9 | Page



अधिकाारी अधिकाारी (व्यक्तिगत)
अधिकाारी अधिकाारी (व्यक्तिगत)
अधिकाारी अधिकाारी (व्यक्तिगत)
अधिकाारी अधिकाारी (व्यक्तिगत)

276

**ANNUAL REVENUE REQUIREMENT PETITION
FOR FY 2016-17**

ANNEXURE - 4

POLICY FOR IDENTIFYING & WRITING OFF OLD ARREARS



उत्तर प्रदेश पावर कारपोरेशन लिमिटेड

(उपरो सरकार का उपक्रम)

"वणिज्य एवं कर्जा लेखा कक्ष"

शक्ति भवन, 14-अडोका मार्ग, लखनऊ

फोन नं० : 0522-2287868 फैक्स : 0522-228784

ई-मेल : ucecomup@rediffmail.com वेबसाइट : www.uppcel.org

सं०- 18 - सु030(वि0प्रवर्त0ले0)/सीयूआर-II/आर-3

दिनांक जनवरी 09, 2014

विषय : असात्त्विक बकायों का संशोधन/अपलौकन

Bad of Doubtful debts

क्रयविलय ज्ञापन

वर्षावलीय ज्ञापन संख्या- 2009/सीयूआर/आर-3 दिनांक जन 7, 2009 को और अधिक प्रस्तावी बकायें हेतु कारपोरेशन हित में निम्नलिखित संशोधन किये जाते हैं :-

पं० सं०	वर्तमान प्राविधान	संशोधित प्राविधान
4(ख)	<p>यह समिति संबंधित उपभोक्ता के परिवार पर जा कर उत्तम विद्युत संवर्धन के विकल्पन की तिथि निर्धारित कर अपनी संशुद्धि विवरण खण्ड के अधिशासी अभियन्ता के माध्यम से प्रहाप्रार सी0(वि0प्रवर्त0) को प्रस्तुत करेगी। इस प्रकार के प्रत्येक मामले में सहायक अभियन्ता(राजस) संबंधित बिल क्लर्क/हेड बिल क्लर्क से असात्त्विक बकायों की धनवसुली के आकड़े प्राप्त करके इसका विवरण संलग्न प्रारूप-4 में प्रत्येक सप्ताह संबंधित उप महाप्रबन्धक(वितरण) मण्डल को प्रस्तुत करेगी।</p>	<p>यह समिति संबंधित उपभोक्ता के परिवार पर जा कर उसका विद्युत संयोजन के विकल्पन की तिथि निर्धारित कर अपनी संशुद्धि विवरण खण्ड के अधिशासी अभियन्ता को प्रस्तुत करेगी। साथ ही विकल्पन हेतु समिति द्वारा निर्धारित तिथि अधिम पानी जायेगी।</p>
	<p>अप्राप्त बकायों को बट्टे खाते में डालने हेतु समिति का गठन अब निम्नवत् हैना। (क) 5 लाख से अधिक के बकायों पर - निदेशक(तकनीकी) वितरणमण्डल - अध्यक्ष मुख्य अभि० (वितरणमण्डल) - संयोजक उपमहाप्रबन्धक(वितरणमण्डल) - सदस्य (ख) 1 लाख से 5 लाख तक के बकायों पर - मुख्य अभि० (वितरणमण्डल) - अध्यक्ष अधीनस्थ अभि० (वितरणमण्डल) - संयोजक उपमध्य लेखाधिकारी (वितरणमण्डल) - सदस्य</p>	<p>अप्राप्त बकायों को बट्टे खाते में डालने हेतु समिति का गठन अब निम्नवत् हैना। (क) 5 लाख से अधिक के बकायों पर - निदेशक(तकनीकी) वितरणमण्डल - अध्यक्ष मुख्य अभि० (वितरणमण्डल) - संयोजक उपमहाप्रबन्धक(वितरणमण्डल) - सदस्य (ख) 1 लाख से 5 लाख तक के बकायों पर - मुख्य अभि० (वितरणमण्डल) - अध्यक्ष अधीनस्थ अभि० (वितरणमण्डल) - संयोजक उपमध्य लेखाधिकारी (वितरणमण्डल) - सदस्य</p>

R-3
11/10/2014
12/01/2014

CS (Comp)
12.11.14
निदेशक (वितरणमण्डल)
उपमहाप्रबन्धक

C-A
580
12/11/14

SECRET

225
15.01.14

<p>(ख) रु० 500000.00 (पचास हजार) से अधिक के समस्त मामलों :- अध्यक्ष-संबंधित मुख्य महाप्रबन्धक (वितरण अंचल) सदस्य-संबंधित महाप्रबन्धक (वितरण क्षेत्र) सदस्य-संबंधित उपमहाप्रबन्धक (वितरण मण्डल) (ग) कम से 3 व 4 में उल्लिखित प्रक्रिया के अनुसार किट्टीशियस बकायों का विवरण संलग्न प्रारूप-1 में तथा कम से 5 के अनुसार अप्रारथ बकायों का विवरण संलग्न प्रारूप-2 में भर कर उप महाप्रबन्धक (वितरण) मण्डल / मुख्य महाप्रबन्धक (वितरण) अंचल के स्तर पर प्रस्ताव-7 में उल्लिखित समिति को अनुमोदन हेतु प्रस्तुत किया जायेगा।</p>	<p>(घ) 50 हजार तक के इन्वयरी पर :- अधीशासी अधि० (वितरण मण्डल) :- अध्यक्ष अधि० अमि० / सहा० अमि० (संयोजक) :- संचालक अधीशासी (राजस्व) :- सदस्य</p>
---	--

परन्तु बकरी एवं मछी उपसोदनों का खाई विच्छेदन फाईनेल करने के लिए उपरोक्त अधिकारी अधिकृत होने परन्तु उपसोदनों का कार्य कोड 09 (खातासंश्लि) अधिसारी अभियन्ता वितरण द्वारा किया जायेगा। खाई विच्छेदन हेतु उ०प्र० विद्युत प्रवलय संहिता 2005 के पैरा 4.38 का पालन किया जायेगा।

उपरोक्त कार्यक्रम का नाम संख्या-2/29/सीयआर/आर-3 दिनांक 27.7.2001 में उल्लिखित उप महाप्रबन्धक, महाप्रबन्धक एवं मुख्य महाप्रबन्धक के स्थान पर उपरोक्त अभियन्ता, मुख्य अभियन्ता एवं निदेशक (वाणिज्य/तकनीकी) समस्त जायें।

(संजय अग्रवाल)
अध्यक्ष

स०- 18 - 50000 (का०कालि०) / सीयआर-3 / दिनांक 27.7.2001

प्रतिलिपि :-

- 1- प्रमुख निदेशक मध्यमंचल / पूर्वांचल / दक्षिणांचल / परिमणांचल, लखनऊ / वाराणसी / आगरा / मेरठ एवं कन्नौज।
- 2- निदेशक (वाणिज्य/सिस्त) / वितरण / का०प्रबन्ध एवं प्रशा०, पटना।
- 3- निदेशक (वाणिज्य/तकनीकी), मध्यांचल / पूर्वांचल / दक्षिणांचल / परिमणांचल, लखनऊ / वाराणसी / आगरा / मेरठ।
- 4- समस्त मुख्य अभियन्ता (वितरण), उ०प्र० मा०कालि०।
- 5- समस्त अधीक्षण अभियन्ता (वितरण), उ०प्र० मा०कालि०।
- 6- समस्त अधिसारी अभियन्ता (वितरण), उ०प्र० मा०कालि०।

(संजय अग्रवाल)
अध्यक्ष