



उत्तर प्रदेश UTTAR PRADESH

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BEFORE THE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION,
LUCKNOW

Filing No.

Case No.

IN THE MATTER OF: DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED - filing of Annual Revenue Requirement (ARR) for FY 2016-17 and True-up for FY 2013-14

I, **Prabhu N. Singh** son of **Shri B.N. Singh**, do solemnly affirm and say as under:-

1. That I am **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 along with 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 Prabhakar Singh, Executive Engineer (Commercial)** of Dakshinanchal Vidyut Vitran Nigam Limited, Agra is being authorized to sign the enclosed Annual Revenue Requirement and related documents.

Date : 26.11.2015

(Prabhu N. Singh)
DEPONENT
(प्रभु एन. सिंह)
प्रबन्ध निदेशक

RAINBOW FORMS / CT-2010
मूल्य प्राप्त हुआ / FOR VALUE RECEIVED

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SERVICE BR LUCKNOW

कने बैंक ऑफ़ बड़ौदा
For Bank of Baroda

DD/2013/UK

अक्षर कोड

ALPHA CODE

अक्षर कोड / Drawee Branch
(SERLUC)

संगुप्त प्रबंधक / Joint Manager

ह.स.न./S.S. NO. (

शाखा प्रबंधक / Branch Manager

रुपये

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SECRETARY UTTAR PRADESH ELECTRICITY COMMISSION

या उनके आदेश पर
Or Order

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Nine Lakh only

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SERVICE BR LUCKNOW

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शाखा प्रबंधक / Branch Manager

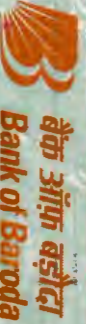
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SERVICE BR LUCKNOW

कने बैंक ऑफ़ बड़ौदा
For Bank of Baroda

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED

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



DAKSHINANCHAL 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	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	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.....	17
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.....	21
2.1.4.3	INTEREST ON WORKING CAPITAL.....	21
2.1.5	DEPRECIATION.....	23
2.1.6	PRIOR PERIOD EXPENSES.....	24
2.1.7	PROVISION FOR BAD AND DOUBTFUL DEBTS.....	25
2.2	REVENUE SIDE TRUING UP.....	25
2.2.1	REVENUE FROM SALE OF POWER.....	25
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.....	26
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 BUNCHED CONDUCTORS.....	33
4.8	CONSUMER DEPOSIT WORKS.....	34
4.9	CAPITAL INVESTMENT PLAN FOR FY 2015-16 and 2016-17.....	34
4.10	PROPOSED CAPITAL INVESTMENT PLAN FOR FY 2016-17.....	36
5.	COMPLIANCE OF HON'BLE COMMISSION'S DIRECTIVES.....	39
6.	LOAD FORECAST AND REVENUE ASSESSMENT.....	45
6.1	DETAILED METHODOLOGY FOR LOAD FORECAST.....	46

6.1.1	OVERVIEW	46
6.1.2	METHODOLOGY	46
6.1.3	CONSUMER SUB-CATEGORY WISE PROJECTIONS	49
6.1.4	CONNECTED LOAD SUB-CATEGORY WISE PROJECTIONS.....	49
6.1.5	SALES SUB-CATEGORY WISE PROJECTIONS.....	49
6.1.6	PROJECTIONS FOR INPUT ENERGY	50
6.1.7	INPUT ENERGY REQUIREMENT.....	50
6.1.8	SALES FORECASTS FOR 2015-16 & 2016-17	50
6.2	SALES FORECAST	51
6.3	ACTUAL BILLING DETERMINANTS FOR FY 2014-15	81
6.4	BILLING DETERMINANTS FOR FY 2015-16.....	83
6.5	PROJECTED BILLING DETERMINANTS FOR FY 2016-17	88
6.6	SALES FORECAST AND ENERGY BALANCE	91
6.7	ESTIMATED REVENUE ASSESSMENT FOR FY 2015-16.....	91
6.8	PROJECTED REVENUE ASSESSMENT FOR FY 2016-17	92
7.	ARR FOR WHEELING & RETAIL SUPPLY BUSINESS	94
7.1	ESCALATION INDEX / INFLATION RATE	95
7.2	POWER PURCHASE COSTS.....	97
7.3	TRANSMISSION CHARGES	105
7.4	OPERATION & MAINTENANCE EXPENSES	106
7.4.1	O&M EXPENSES ON ADDITION TO ASSETS DURING THE YEAR	107
7.5	O&M EXPENSES FOR FY 2016-17	107
7.6	CAPITAL EXPENDITURE, CAPITAL FORMATION ASSUMPTION AND GROSS FIXED ASSET (GFA) BALANCES.....	108
7.7	FINANCING OF THE CAPITAL INVESTMENT	112
7.8	DEPRECIATION EXPENSE	113
7.9	INTEREST ON LONG TERM LOANS	115
7.10	FINANCE CHARGES.....	116
7.11	INTEREST ON CONSUMER SECURITY DEPOSITS	116
7.12	INTEREST ON WORKING CAPITAL	116
7.13	SUMMARY OF INTEREST AND FINANCE CHARGES	117
7.14	PROVISION FOR BAD AND DOUBTFUL DEBTS	118
7.15	OTHER INCOME	119
7.16	REASONABLE RETURN / RETURN ON EQUITY	119
7.17	CONTRIBUTION TO CONTINGENCY RESERVE	120
7.18	APPORTIONMENT OF O&M EXPENSES AND INTEREST & FINANCE CHARGES OF UPPCL	120
7.19	REVENUE SUBSIDY FROM GOUP	121
7.20	ARR SUMMARY	122
7.21	RETAIL AND WHEELING BUSINESS ARR SUMMARY.....	123
7.22	WHEELING CHARGES FROM OPEN ACCESS CONSUMERS.....	124
8.	TREATMENT OF REVENUE GAP	125
9.	PRAYERS	126

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 DVVNL in FY 2013-14	17
Table 2-4: Allowable Intra-State Transmission Charges for FY 2013-14.....	17
Table 2-5: Operation & Maintenance Expenses FY 2013-14	18
Table 2-6: Capital Investments in FY 2013-14	19
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	22
Table 2-12: Gross Allowable Depreciation for FY 2013-14.....	23
Table 2-13: Net Allowable Depreciation for FY 2013-14.....	24
Table 2-14: Prior Period Items for FY 2013-14	24
Table 2-15: Allowable Provision for Bad and Doubtful Debts	25
Table 2-16: ARR for FY 2013-14 after Final Truing Up.....	26
Table 4-1: Estimates of Capital Expenditure in FY 2015-16 (Rs Crore)	34
Table 4-2: Proposed Capital Expenditure in FY 2016-17 (Rs Crore).....	36
Table 5-1: Status of Compliance of the Directives issued vide Order dated 18.06.2015	39
Table 6-1: The schematic diagram for Energy flow in state of UP	45
Table 6-2: Projected Hours of Supply	47
Table 6-3: Consumption Determinant	48
Table 6-4: Distribution Losses Trajectory.....	49
Table 6-5: Energy Balance	51
Table 6-6: LMV Consumers Growth Rate	52
Table 6-7: HV Consumers Growth Rate.....	54
Table 6-8: Growth in LMV Consumer Load.....	56
Table 6-9: Energy Sales Assumption	60
Table 6-10: Sub- category wise projections of Number of consumer	67
Table 6-11: Sub category wise projections of connected load.....	71
Table 6-12: Sub category wise projections of energy sales.....	75
Table 6-13: Actual Billing Determinant for FY 2014-15.....	81
Table 6-14: Estimated Billing Determinant for FY 2015-16.....	84
Table 6-15: Projected Billing Determinant for FY 2016-17.....	88

Table 6-16: Energy Balance for FY 2014-15, 2015-16 and 2016-17	91
Table 6-17: Revenue Assessment for FY 2015-16	91
Table 6-18: Revenue Assessment for FY 2016-17	92
Table 7-1: Escalation Index for FY 2015-16	96
Table 7-2: Escalation Index for FY 2016-17	96
Table 7-3: Details of Power Procurement Cost for FY-2015-16	98
Table 7-4: Details of Power Procurement Cost for FY-2016-17	101
Table 7-5: Computation of the Bulk Supply Tariff	104
Table 7-6: Projected Power Purchase Costs for the Tariff Period	104
Table 7-7: Projected Transmission Charges	105
Table 7-8: Allocation of Incremental O&M expenses for FY 2016-17 (Rs Crore)	107
Table 7-9: Allowable O&M Expenses for FY 2016-17 (Rs Crore)	107
Table 7-10: Capital Investment Plan for FY 2016-17 (Rs Crore)	108
Table 7-11: Capitalization and WIP of Investment during FY 2015-16 and 2016-17 (Rs Crore)	111
Table 7-12: Gross Fixed Assets for FY 2015-16 & FY 2016-17	112
Table 7-13: Consumer Contribution, Capital Grants & Subsidies up to 2016-17 (Rs Crore)	112
Table 7-14: Financing of the Capital Investment up to FY 2016-17 (Rs Crore)	112
Table 7-15: Gross Allowable Depreciation for FY 2016-17 (Rs Crore)	114
Table 7-16: Net Allowable Depreciation for FY 2016-17 (Rs Crore)	114
Table 7-17: Allowable Interest on Long Term Loans for FY 2016-17 (Rs Crore)	115
Table 7-18: Interest on Consumer Security Deposits (Rs Crore)	116
Table 7-19: Allowable Interest on Working Capital (Rs Crore)	117
Table 7-20: Interest and Finance Charges for FY 2016-17 (Rs. Crore)	117
Table 7-21: Provision for Bad and Doubtful Debts (Rs Crore)	118
Table 7-22: Other Income (Rs Crore)	118
Table 7-23: Annual Revenue Requirement for FY 2016-17 (Rs Crore)	121
Table 7-24: Wheeling and Retail Supply – ARR FY 2016-17 (Rs Crore)	122
Table 7-25: Wheeling Charges for FY 2016-17	123
Table 8-1: Meeting the Gap for FY 2016-17 (Rs Crore)	124
Table 8-2: Total Revenue Gap to be dealt with (Rs Crore)	124

1. BACKGROUND AND PROCEDURAL HISTORY

1.1 BACKGROUND

The UP 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)

Dakshinanchal Vidyut Vitaran Nigam Limited (hereinafter referred as 'AGRA DisCom' or 'DVVNL') came in to existence in August 2003 as a subsidiary company of UPPCL and is responsible for power distribution in DisCom covering its jurisdiction of district Mathura, Aligarh, Hathras, Etah, Agra, Firozabad, Mainpuri, Farrukhabad, Etawah, Kannauj, Auraiya, Kanpur Dehat, Jalaun, Jhansi, Lalitpur, Mahoba, Hamirpur, Banda and Chitrakoot.


(प्रभाकर सिंह)
अधिसारी अभियन्ता (वाणिज्य)
दशविनिमय निगम अग्रा

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 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 2015-16 was filed by DVVNL under Sections 62 and 64 of the Electricity Act, 2003 on 29th November, 2013 and 13th May, 2013 respectively (Petition Nos. 918 / 2013 and 887 / 2013).

DVVNL 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 DVVNL 24th July, 2014 at Agra.

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 DVVNL was to the tune of Rs. 10,252.73 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

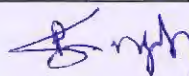
Aggrieved by some aspects of the Tariff order dated 01st October, 2014, the Petitioner has filed an appeal before the Appellate Tribunal for Electricity, New Delhi on 14th November, 2014 against the Hon'ble Commission's order for Truing up of the Aggregate Revenue Requirement for the FY 2008-09 to FY 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. 991/2014).

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


(प्रमाकर सिंह)
अधिसासी अभियन्ता (वाणिज्य)
दो वि० वि० नि० लि० अमरा

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. 7,212.41 crore.

1.5 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 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 trued up revenue gap which is proposed to be recovered along with the ARR for FY 2016-17.

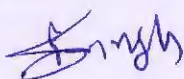
Chapter 3 Progress of the Various Efficiency Improvement Measures taken by the Petitioner

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

 (प्रभाकर सिंह)
अधिसूची अभियन्ता (वाणिज्य)
द०वि०वि०निलि० जामरा

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


(प्रभाकर सिंह)
अधिरासी अभियन्ता (वाणिज्य)
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2. TRUE UP PETITION FOR FY 2013-14

2.1 TRUE-UP SUMMARY FOR FY 2013-14

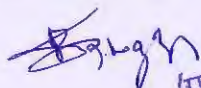
The Petitioner submits that the audited accounts for FY 2013-14 for the Petitioner have been enclosed along with this Petition. The Petitioner seeks true-up of expenses for the year 2013-14 as per the audited accounts as applicable for various heads of expenditure. The following table summarises the 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	7,115.46	7,980.02	7,602.84
Apportionment of O&M Expenses of UPPCL#	-	-	37.48
Transmission Charges	244.67	248.89	353.03
Employee Expenses	354.20	272.37	272.37
Repair and Maintenance Expenses	199.47	329.62	329.62
A&G Expenses	56.51	79.35	79.35
Gross Interest on Long Term Loans	125.90	360.06	179.56
Interest to Consumer	24.41	32.26	32.26
Finance Charges	0.07	0.18	0.18
Interest on Working Capital	96.38	1,166.88	72.56
Discount to Consumers	-	-	-
Depreciation	255.28	175.68	327.02
Prior Period Expenses	-	855.94	27.53
Other Misc Expenses / Incomes	-	-	-
Provision for Bad and Doubtful Debts	-	31.10	91.66
Gross Expenditure	8,472.35	11,532.35	9,405.44
Less: Employee Capitalisation	53.13	102.09	102.09
Less: A&G Capitalisation	8.48	29.20	29.20
Less: Interest Capitalisation	28.96	-	-
Total Capitalisation	90.56	131.29	131.29
Net Expenditure	8,381.78	11,401.06	9,274.15
Add: Return on Equity	-	-	-
Less: Non-tariff Incomes	12.77	18.54	18.54
Add: Efficiency Gains	-	-	-
Annual Revenue Requirement	8,369.02	11,382.52	9,255.61
Revenue from Tariff incl DPS	6,189.82	4,943.64	4,943.64
GoUP Subsidy	877.68	917.88	917.88
Net Revenue Gap	1,301.51	5,521.00	3,394.09

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.


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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. 991/2014 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

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द्विविधनिलि आगरा

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 DVVNL in FY 2013-14

Particulars	Unit	Approved	Actuals	True-up Petition
Power Purchase	MU	18,136.89	18,436.63	18,436.63
Sales	MU	13,059.00	13,148.05	13,148.05
Distribution Loss Target	%	28.00%	28.69%	28.00%
Allowable Power Purchase	MU			18,260.56
Trued up Bulk Supply Tariff	Rs/kWh			4.16
Allowable Power Purchase Cost	Rs Crore			7,602.84

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. 244.67 crore (@ Rs. 0.135 per kWh) towards a projected power purchase of 18,136.89 MU.

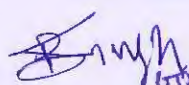
As per the audited accounts, the Petitioner has incurred Rs. 248.89 crore towards transmission charges.

It is submitted that the trued up transmission charges payable to UPPTCL towards intra-state transmission are to the tune of Rs. 353.03 crore which have been computed by multiplying the allowable power purchase input of 18,260.56 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	Actual	True-up Petition
Units Wheeled	MU	18,136.89	18,436.63	18,260.56
Trued up Transmission Charge	Rs/kWh	0.135	0.135	0.193
Transmission Charges	Rs Crore	244.67	248.89	353.03

Accordingly, the Petitioner submits that, against the approved intra-state transmission charges of Rs. 244.67 crore, the allowable transmission charges for FY 2013-14 are to the tune of Rs. 353.03 crore.


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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. 272.37 crore as against Rs. 354.20 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. 102.09 crore as against Rs. 53.13 crore approved in the Tariff Order. Thus, the net employee expenses as per audited accounts are Rs. 170.28 crore as against Rs. 301.07 crore approved in the Tariff Order.

Further, the Petitioner submits that the actual gross A&G expenses were Rs. 79.35 crore as against Rs. 56.51 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. 29.20 crore against Rs. 8.48 crore approved in the Tariff Order. Thus, the net A&G expenses as per audited accounts are Rs. 50.15 crore as against Rs. 48.04 crore approved in the Tariff Order.

The actual repair and maintenance expenses for FY 2013-14 were Rs. 329.62 crore as against Rs. 199.47 crore approved by the Commission 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.

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	Actual as per audited accounts	True-up Petition
Employee Expenses	354.20	272.37	272.37
Repair & Maintenance Expenses	199.47	329.62	329.62
Administrative and General Expenses	56.51	79.35	79.35
Gross Operation and Maintenance Expenses	610.18	681.34	681.34
Less: Capitalisation			
Employee Cost Capitalized	53.13	102.09	102.09
A&G Expenses Capitalized	8.48	29.20	29.20
Total Capitalization	61.61	131.29	131.29
Net Operation and Maintenance Expenses	548.58	550.05	550.05


 प्रभाकर सिंह
 अधिशासी अभियन्ता (वाणिज्य)
 तटविभाग, दिल्ली

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	True up Petition
Opening WIP as on 1st April	A	579.29
Investments	B	944.89
Employee Expenses Capitalisation	C	102.09
A&G Expenses Capitalisation	D	29.20
Interest Capitalisation on Interest on long term loans	E	0.00
Total Investments	F= A+B+C+D+E	1655.47
Transferred to GFA (Total Capitalisation)	G	960.95
Closing WIP	H= F-G	694.52

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	True up Petition
Opening Balance of Consumer Contributions, Grants and Subsidies towards Cost of Capital Assets	960.73
Additions during the year	276.57
Less: Amortisation	52.20
Closing Balance	1,185.10

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	True up Petition
Investment	A	944.89
Less:		-
Consumer Contribution	B	276.57
Investment funded by debt and equity	C=A-B	668.31
Debt Funded	70%	467.82
Equity Funded	30%	200.49

Thus, from the above tables it is seen, that the Petitioner has made an investment of Rs. 944.89 crore in FY 2013-14. The consumer contributions, capital subsidies and grants received during the corresponding period is Rs. 276.57 crore. Thus, balance Rs. 668.31 crore have been funded through debt and equity. Considering a debt equity ratio of 70:30, Rs. 467.826 crore or 70% of the capital investment is approved to be funded through debt and balance 30% equivalent to Rs. 200.49 crore through equity. Allowable depreciation for the year has been considered as normative loan repayment.

The actual weighted average rate of 11.92% has been considered for computing the eligible interest expenses. The opening balance of long term loan has been considered from the loan balance as per audited accounts for FY 2013-14.

Considering the above, the gross interest on long term loan is Rs. 179.56 crore. The interest capitalisation has been considered at the same rate as per audited accounts. As per the audited accounts, there is no interest capitalisation in FY 2013-14. 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	True up Petition
Opening Loan	1,365.28
Loan Additions (70% of Investments)	467.82
Less: Repayments (Depreciation allowable for the year)	327.02
Closing Loan Balance	1,506.08
Weighted Average Rate of Interest	11.92%
Interest on long term loan	179.56
Interest Capitalisation Rate	0.00%
Less: Interest Capitalized	-
Net Interest Charged	179.56

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. 32.26 crore as against Rs. 24.41 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. 0.18 crore 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. 96.38 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. 72.56 crore towards interest on working capital for FY 2013-14 as computed in the table below:



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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		272.37
R&M Expenses		329.62
A&G Expenses		79.35
Total O&M Expenses	A	681.34
One Month's O&M Expenses	B = 1/12 of A	56.78
Book Value of Stores	C	733.96
One twelfth of the sum of book value of the material in stores	D = 1/12 of C	61.16
Receivable equivalent to 60 days average billing of consumers	E	812.65
Less: Total Security Deposits by the Consumers reduced by Security Deposits under section 47(1)(b) of the Electricity Act 2003	F	350.12
Total Working Capital Requirement	G = B + D + E - F	580.47
Interest rate	H	12.50%
Interest on working capital	I = G x H	72.56

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	125.90	360.06	179.56
Less: Interest Capitalisation	28.96	0.00	0.00
Net Interest on Long Term Loans	96.94	360.06	179.56
B: Finance and Other Charges			
Bank & Finance Charges	0.07	0.18	0.18
Interest on Consumer Security Deposits	24.41	32.26	32.26
Total Finance Charges	24.48	32.44	32.44
C: Interest on Working Capital	96.38	1166.88	72.56
Total (A+B+C)	217.79	1559.37	284.55

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2.1.5 DEPRECIATION

The actual depreciation expense charged in the audited accounts is Rs. 175.68 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. 379.23 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	0.34	-	-	0.34		-
ii) Freehold Land	-	-	-	-		-
Buildings	57.81	13.14	0.02	70.94	7.84%	5.05
Other Civil Works	-	-	-	-	7.84%	-
Plants & Machinery	789.66	579.43	490.97	878.13	7.84%	65.38
Lines, Cable Network etc.	2,255.44	367.82	20.56	2,602.71	7.84%	190.44
Vehicles	-	-	-	-	7.84%	-
Furniture & Fixtures	3.05	0.18	-	3.22	7.84%	0.25
Office Equipments	0.54	0.31	-	0.85	7.84%	0.05
Jeep & Motor Car	(0.16)	0.07	-	-0.09		-
Assets taken over from Licensees pending final Valuation	-	-	-	-		-
Total	3,106.69	960.95	511.54	3,556.10		261.16
Fixed Asset as per Transfer Scheme	1,505.95	-	-	1,505.95	7.84%	118.07
GRAND TOTAL	4,612.64	960.95	511.54	5,062.05	7.84%	379.23

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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. 52.20 crore has been reduced from the allowable depreciation for FY 2013-14.

Thus the allowable depreciation for FY 2013-14 is Rs. 327.02 crore as depicted in the table below:

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

(All figures in Rs Crore)

Particulars	Tariff Order	Actual as per audited accounts	True-up Petition
Gross Allowable Depreciation	319.10	227.88	379.22
Less: Equivalent amount of depreciation on assets acquired out of the Consumer Contribution and GoUP Subsidy	63.82	52.20	52.20
Net Allowable Depreciation	255.28	175.68	327.02

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 0.01 crore of prior period incomes and prior period expenses of Rs 27.53 crore, thereby increasing the eligible true-up by Rs. 27.53 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
Income	
Others Excess Provision	0.01

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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.

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

Particulars	Rs Crore
Total Revenue Receivables from Retail Sales	4,583.07
% of Provision for Bad and Doubtful Debts	2%
Provision for Bad and Doubtful Debts	91.66

2.2.1 REVENUE FROM SALE OF POWER

The Hon'ble Commission had projected revenue from sale of power of Rs. 6,189.82 crore for FY 2013-14. The audited accounts have reported the actual revenue from sale of power to be Rs. 4,943.64 crore (including delayed payment surcharge) towards electricity sales of 13,148.05 MU.

2.2.2 NON TARIFF INCOMES

The Petitioner submits that against the projected non tariff incomes of Rs. 12.77 crore in the Tariff Order, the actual non tariff incomes have been Rs. 18.54 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. 877.68 crore. However the actual subsidy received from GoUP by the Petitioner is Rs. 917.88 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	7,115.46	7,980.02	7,602.84
Apportionment of O&M Expenses of UPPCL#	-	-	37.48
Transmission Charges	244.67	248.89	353.03
Employee Expenses	354.20	272.37	272.37
Repair and Maintenance Expenses	199.47	329.62	329.62
A&G Expenses	56.51	79.35	79.35
Gross Interest on Long Term Loans	125.90	360.06	179.56
Interest to Consumer	24.41	32.26	32.26
Finance Charges	0.07	0.18	0.18
Interest on Working Capital	96.38	1,166.88	72.56
Discount to Consumers	-	-	-
Depreciation	255.28	175.68	327.02
Prior Period Expenses	-	855.94	27.53
Other Misc Expenses / Incomes	-	-	-
Provision for Bad and Doubtful Debts	-	31.10	91.66
Gross Expenditure	8,472.35	11,532.35	9,405.44
Less: Employee Capitalisation	53.13	102.09	102.09
Less: A&G Capitalisation	8.48	29.20	29.20
Less: Interest Capitalisation	28.96	-	-
Total Capitalisation	90.56	131.29	131.29
Net Expenditure	8,381.78	11,401.06	9,274.15
Add: Return on Equity	-	-	-
Less: Non-tariff Incomes	12.77	18.54	18.54
Add: Efficiency Gains	-	-	-
Annual Revenue Requirement	8,369.02	11,382.52	9,255.61
Revenue from Tariff incl DPS	6,189.82	4,943.64	4,943.64
GoUP Subsidy	877.68	917.88	917.88
Net Revenue Gap	1,301.51	5,521.00	3,394.09

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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. 3,394.09 crore. The Petitioner humbly requests the Hon'ble Commission to consider the same along with the ARR for FY 2016-17.


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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 programme 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


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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.

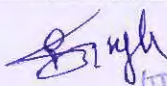
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- i. NA/NR/IDF/ADF meters are being monitored and defective meters are being changed. Timely efforts are being made to install meters on all distribution transformers.
- j. Works of hand held billing, disconnection and reconnection works are being 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 still 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.


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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 Gol 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)

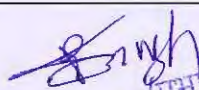
Rural Electrification Program- RGGVY contemplates electrification of villages and strengthening the existing network in the rural areas to achieve universal access to electricity for all households. Under this scheme following work is performed:

- 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.


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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

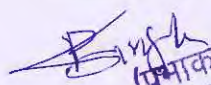
For any distribution system it is important to augment the network on a continual basis to cater to the load growth and achieving optimal operating efficiency of the distribution equipment. With the increasing demand of power and to balance the load distribution, sub-stations are being identified where 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 number 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 BUNCHED 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.


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4.8 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.

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

The revised 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: Estimates of Capital Expenditure in FY 2015-16 (Rs Crore)

S.No.	Description	Unit	No./ Quantity	Capital Expenditure			
				Loans	Equity / Internal Accruals	Deposit Works	Total
1	33 KV New Work						
	(a) 33 KV Line	Km.	1514	89.66	38.43		128.09
	(b) 33/11 KV S/s (Excluding civil works)	Nos./MVA	17/85	274.25	117.53		391.78
2	33/11 KV Increasing Capacity	Nos./MVA	33/165	53.24	22.82		76.05
3	33 KV line & S/s Strengthening (Replacement of higher capacity of conductor, poles, S/s apparatus etc.)	Km.	36	5.81	2.49		8.30
4	11 KV New Works		-				0.00
	(a) 11 KV New line (Vifercatin of feeders, linkline etc.)	Km.	673	65.14	27.92		93.06
	(b) 11/0.4 KV S/s						0.00
	(i) 11/0.4 KV S/s	Nos./KVA	404	26.07	11.17		37.24
	(ii) 11/0.4 KV S/s (SC Dominated)	Nos./KVA	100	6.45	2.77		9.22
5	11/0.4 KV S/s increasing capacity						0.00
	(i) 11/0.4 KV S/s increasing capacity	Nos./KVA	404	13.03	5.59		18.62
	(ii) 11/0.4 KV S/s increasing capacity (SC Dominated)	Nos./KVA	100	3.23	1.38		4.61
6	Strengthening of 11 KV line & 11/0.4 KV S/s etc.						
	(i) Strengthening of 11 KV line & 11/0.4 KV S/s etc.	Nos./Km	266/199	21.46	9.20		30.65
	(ii) Strengthening of 11 KV line & 11/0.4 KV S/s etc. (SC Dominated)	Nos./Km	100/133	8.07	3.46		11.52

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S.No.	Description	Unit	No./ Quantity	Capital Expenditure			
				Loans	Equity / Internal Accruals	Deposit Works	Total
7	Saparation of Villages from P.T.W., S.T.W. etc. (Saparation of feeders) against Sanction scheme 1500 crore out of which 40% work will be proposed to be completed in this year.	-	-				0.00
8	Replace of old & damage of 11 KV capacitors & other pertaining equipment 50%	Nos.	270	26.13	11.20		37.33
9	Providing new 11 KV capacitors 10% of S/s	Nos.	45	5.81	2.49		8.30
10	Construction of new L.T. line						
	(i) Construction of new L.T. line	Km.	450	36.30	15.56		51.85
	(ii) Construction of new L.T. line (SC Dominated)	Km.	133	10.74	4.60		15.35
11	Strengthening of L.T. line (Replacing of damage conductor/pole jarjer replacement of higher capacity of conductor broken pole/wooden pole, Additional pole in long span & other access etc.	Km.	798	25.75	11.03		36.78
12	Replacement of damage/very old OCB/VCB and other equipments as well as by high capacity.	Nos.	53	8.55	3.66		12.21
13	Construction - major workshop. Including civil work	Nos.	2	6.45	2.77		9.22
14	Strengthening of working workshop, store, other T&P etc. Including civil works	Nos.	10	23.65	10.14		33.79
15	Arrange of stair mounted (Hydraulic vehicle & Jeeps)	Nos.	30	11.62	4.98		16.59
16	Non Residencial & Residencial new work.	Nos.	-	10.74	4.60		15.35
17	Strengthening/Maintenance of Non Residencial & Residencial building/S/s etc.	No.	-	13.33	5.71		19.04
18	Improvement of billing of R/L areas		-	7.52	3.22		10.74
19	Reduction of commercial losses, providing pilfer proof metering against all category consumers.		-	3.68	1.58		5.25

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S.No.	Description	Unit	No./ Quantity	Capital Expenditure			
				Loans	Equity / Internal Accruals	Deposit Works	Total
20	Providing of double meter in all category with modem	Nos.	-	10.74	4.60		15.35
21	Providing Electronic meter at S.T.W. consumers 10% in this year.	Nos.	400	0.77	0.33		1.11
22	Arrangement of prepaid meter (1-Æ & 3-Æ)	Nos.	-	4.29	1.84		6.13
23	Any other works which fall under network strengthening of Transformer repairing workshop and manufacturing of PCC Pole at different units.						0.00
	(a) Repairing of Transformers		4667	9.03	3.87		12.91
	(b) PCC Pole manufacturing.	Nos.	43222	25.10	10.76		35.86
24	Capital Investment through Support under Vyapar Vikas Nidhi			322.64	138.28		460.92
25	R-APDRP Part A			36.33	15.57		51.90
26	R-APDRP Part B			168.38	72.16		240.54
27	Deposit Works					336.29	336.29
	Total			1333.95	571.69	336.29	2241.94

4.10 PROPOSED CAPITAL INVESTMENT PLAN FOR FY 2016-17

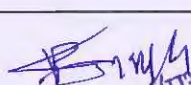
The proposed capital expenditure for FY 2016-17 is summarized in the table below:

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


S.No.	Description	Unit	No./ Quantity	Capital Expenditure			
				Loans	Equity / Internal Accruals	Deposit Works	Total
	33 KV New Work						
1	(a) 33 KV Line	Km.	493.92	52.93	22.68		75.61
	(b) 33/11 KV S/s (Excluding civil works)	Nos./MVA	55/275	158.57	67.96		226.52
2	33/11 KV Increasing Capacity	Nos./MVA	50/250	31.66	13.57		45.23
3	33 KV line & S/s Strengthening (Replacement of higher capacity of conductor, poles, S/s apparatus etc.)	Km.	54	3.42	1.47		4.89
4	11 KV New Works		-				0.00

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S.No.	Description	Unit	No./ Quantity	Capital Expenditure			
				Loans	Equity / Internal Accruals	Deposit Works	Total
	(a) 11 KV New line (Vifercatin of feeders, linkline etc.)	Km.	1013	38.48	16.49		54.97
	(b) 11/0.4 KV S/s						0.00
	(i) 11/0.4 KV S/s	Nos./KVA	608	15.39	6.59		21.98
	(ii) 11/0.4 KV S/s (SC Dominated)	Nos./KVA	150	3.80	1.63		5.43
	11/0.4 KV S/s increasing capacity						0.00
5	(i) 11/0.4 KV S/s increasing capacity	Nos./KVA	608	7.70	3.30		11.00
	(ii) 11/0.4 KV S/s increasing capacity (SC Dominated)	Nos./KVA	150	1.90	0.81		2.71
	Strengthening of 11 KV line & 11/0.4 KV S/s etc.						
6	(i) Strengthening of 11 KV line & 11/0.4 KV S/s etc.	Nos./Km	400/600	12.67	5.43		18.09
	(ii) Strengthening of 11 KV line & 11/0.4 KV S/s etc. (SC Dominated)	Nos./Km	150/200	4.75	2.04		6.78
7	Saparation of Villages from P.T.W., S.T.W. etc. (Saparation of feeders) against Sanction scheme 1500 crore out of which 40% work will be proposed to be completed in this year.	-	-				0.00
8	Replace of old & damage of 11 KV capacitors & other pertaining equipment 50%	Nos.	405	15.39	6.59		21.98
9	Providing new 11 KV capacitors 10% of S/s	Nos.	68	3.42	1.47		4.89
	Construction of new L.T. line						
10	(i) Construction of new L.T. line	Km.	675	21.38	9.16		30.54
	(ii) Construction of new L.T. line (SC Dominated)	Km.	200	6.33	2.71		9.05
11	Strengthening of L.T. line (Replacing of damage conductor/pole jarjer replacement of higher capacity of conductor broken pole/wooden pole, Additional pole in long span & other access etc.	Km.	1200	15.20	6.51		21.71
12	Replacement of damage/very old OCB/VCB and other equipments as well as by high capacity.	Nos.	80	5.07	2.17		7.24
13	Construction - major workshop. Enclusing civil work	Nos.	3	3.80	1.63		5.43


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S.No.	Description	Unit	No./ Quantity	Capital Expenditure			
				Loans	Equity / Internal Accruals	Deposit Works	Total
14	Strengthening of working workshop, store, other T&P etc. Including civil works	Nos.	15	13.93	5.97		19.90
15	Arrange of stair mounted (Hydraulic vehicle & Jeeps)	Nos.	45	6.84	2.93		9.77
16	Non Residential & Residential new work.	Nos.	-	6.33	2.71		9.05
17	Strengthening/Maintenance of Non Residential & Residential building/S/s etc.	No.	-	7.86	3.37		11.24
18	Improvement of billing of R/L areas		-	6.33	2.71		9.05
19	Reduction of commercial losses, providing pilfer proof metering against all category consumers.		-	3.17	1.36		4.52
20	Providing of double meter in all category with modem	Nos.	-	6.33	2.71		9.05
21	Providing Electronic meter at S.T.W. consumers 10% in this year.	Nos.	605	0.46	0.20		0.65
	System Augmentation of Distribution Network	Nos.	50	473.27	202.83		676.10
22	Arrangement of prepaid meter (1-Æ & 3-Æ)	Nos.	-	2.53	1.09		3.62
23	Any other works which fall under network strengthening of Transformer repairing workshop and manufacturing of PCC Pole at different units.						0.00
	(a) Repairing of Transformers	W	7000	5.32	2.28		7.60
	(b) PCC Pole manufacturing.	Nos.	65000	14.82	6.35		21.17
24	Capital Investment through Support under Vyapar Vikas Nidhi			323.34	138.57		461.91
25	R-APDRP Part A			29.25	12.54		41.79
26	R-APDRP Part B			168.38	72.16		240.54
27	Deposit Works					400.00	400.00
	Total			1470	630	400	2500

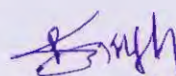

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5. COMPLIANCE OF HON'BLE COMMISSION'S DIRECTIVES

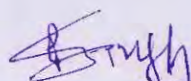
The Hon'ble Commission had issued certain directives to the Petitioner in the FY 2015-16 tariff order dated 18th June, 2015. The Petitioner submits the status of compliance of the directives as follows.

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

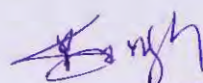
Ref Sl No	Description of Directive	Status of Compliance
1	The Commission directs the Licensee to pressingly pursue the GoUP for finalisation of the Transfer Scheme and submit a copy of the same.	The Petitioner humbly submits that efforts are already underway as regards finalization of transfer schemes, 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 so far 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 of 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.


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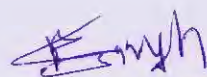
Ref Sl No	Description of Directive	Status of Compliance
6	The Commission directs the Licensee to submit data related to its peak demand and off peak demand in MW along with its sales projections in accordance with Clause 3.1.4 of the Distribution Tariff Regulations	The Petitioner humbly submits that 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	As regards the supply to the Taj Trapezium Zone, the Commission directs the Licensee to comply with the directions of the Hon'ble Supreme Court of India.	The Petitioner submits that supply to Taj Trapezium zone is being done as per the directions of the Hon'ble Commission.
9	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.
10	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.
11	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.
12	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.
13	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	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.


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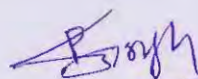
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	with the Distribution Tariff Regulations, 2006 failing which the Commission may have to resort to take strict action against the Licensees like disallowance of additional power purchase expenses and the associated carrying cost on account of additional Power Purchase expenses or any other action that the Commission may deem fit while doing the Truing up.	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 2015.
14	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.
15	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.
16	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


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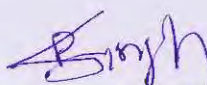
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		accounts would be compiled at the corporate level. Given the complexity and time involved in this task, the Petitioner humbly seeks waiver from immediate submission of this information.
17	The Licensee is directed to submit a note detailing the area-wise 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.
18	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.
19	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.
20	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.
21	The Commission directs the Licensee to conduct benchmarking studies to	The Petitioner would endeavor to meet the deadlines prescribed by the Hon'ble Commission.


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	determine the desired performance standards in accordance with Clause 2.1.8 of the Distribution Tariff Regulations.	
22	The Petitioner should file its Annual ARR/ Tariff Petition for FY 2016-17 as per the Regulations 12.2, 12.7, 12.8, 12.9 notified vide MYT Regulations, 2014	The instant petition has been filed duly complying with the indicated provisions of the 2014 Tariff Regulations.
23	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.
24	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.
25	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.
26	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.
27	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.
28	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.
29	The Petitioner should record and maintain Division wise, Circlewise AT&C Losses and	The Petitioner had filed such report along with the data gaps reply pertaining to the ARR petition for


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	submit the quarterly report to the Commission.	FY 2015-16.
30	The Petitioner should submit month wise details of number of supply hours for rural and urban area for FY 2014-15.	The information pertaining to the supply hours has been submitted along with the instant petition.
31	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.
32	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.
33	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.
34	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.
35	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
36	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.
37	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 DVVNL supply area.


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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:

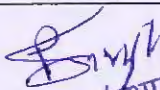
- a. Consumer category wise commercial data of each discom comprising Number of consumers/ Connected load (kW)/ Energy sales (billed energy): kWh, split between rural/urban consumers was tabulated for the years 2001-02 to 2009-10.
- b. Similar data for each consumer sub-category was tabulated for the 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;


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- 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

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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

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Sr.No	Category of Un-Metered Consumer	Units	Consumption of Energy Per Month
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

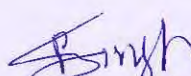
Projections for Nos of Consumer sub-category wise for the two years were provided for each discom.

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.


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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

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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
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.

6.2.1 LMV CONSUMERS – SUB-CATEGORY-WISE

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



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Table 6-6: LMV Consumers Growth Rate

AGRA 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	0%	5%	6%	0%	-2%
		(ii) Metered	17%	15%	8%	0%	58%
	(B)	Supply at Single Point for Bulk Load	19%	-62%	-58%	0%	18%
	(C1)	Other Metered Domestic Consumers	0%	4%	6%	0%	10%
	(C2)	Life Line Consumers/BPL	71%	97%	231%	0%	10%
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	7%	8%	8%	7%	
LMV--2		Rural					
		Urban					
	(A)	Consumer getting supply as per "Rural Schedule"					
		(i) Un-metered	-3%	-4%	1%	0%	5%
		(ii) Metered	2%	7%	4%	0%	2%
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	-15%	5%	0%	0%	5%
	(C)	Other Metered Non-Domestic Supply	5%	2%	3%	0%	5%
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	3%	3%	3%	4%	
LMV--3	A	Rural					
		Urban					
	(A)	Un-metered Supply					
		(i) Gram Panchyat	24%	24%	15%	0%	20%
		(ii) Nagar Palika & Nagar Panchyat	-1%	1%	0%	0%	1%
		(iii) Nagar Nigam	29%	6%	8%	0%	15%
	(B)	Metered Supply					
		(i) Gram Panchyat	0%	-100%	-100%	0%	1%
		(ii) Nagar Palika & Nagar Panchyat	-6%	-5%	1%	0%	5%
		(iii) Nagar Nigam	-8%	24%	18%	0%	5%
SUB TOTAL		PUBLIC LAMPS (LMV-3)	4%	5%	3%	-14%	
LMV--4	A	Rural					
		Urban					
	B	Rural					
		Urban					
	(A)	Public Institution(4 A)	5%	28%	15%	0%	5%
	(B)	Private Institution(4 B)	-4%	-11%	10%	0%	2%

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AGRA DISCOM				CONSUMER NUMBER - CAGR				
SUPPLY TYPE	CAT	CATEGORY		Last 3 Year	Last 5 Years	Last 7 Years	Last 10 Years	Assumed
SUB TOTAL		LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV-4)		3%	12%	14%	16%	
LMV--5		Rural						
		Urban						
	(A)	Rural Schedule						
		(i)	Un metered Supply	4%	4%	1%	0%	4%
		(ii)	Metered Supply	-22%	-20%	-10%	0%	5%
	(B)	Urban Schedule						
		(i)	Metered Supply	6%	14%	34%	0%	6%
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)		3%	5%	6%	5%	
LMV--6		Rural						
		Urban						
	(A)	Small & Medium Power (Power Loom)						
		(i)	Rural Schedule	-21%	1%	3%	0%	5%
		(ii)	Urban Schedule	6%	-15%	3%	0%	6%
	(B)	Small & Medium Power						
		(i)	Rural Schedule	18%	6%	8%	0%	6%
		(ii)	Urban Schedule	4%	4%	2%	0%	4%
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)		1%	1%	2%	4%	
LMV--7		Rural						
		Urban						
	(A)	Rural Schedule						
		(i)	Jal Nigam	10%	14%	10%	0%	20%
		(ii)	Jal Sansthan	12%	30%	27%	0%	12%
		(iii)	Others (Water Works)	34%	11%	19%	0%	12%
	(B)	Urban Schedule						
		(i)	Jal Nigam	62%	40%	30%	0%	10%
		(ii)	Jal Sansthan	16%	5%	4%	0%	8%
		(iii)	Others (Water Works)	-7%	6%	6%	0%	4%
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)		21%	18%	15%	10%	
LMV--8		Rural						
		Urban						
	(A)	Metered Supply		1%	9%	160%	0%	5%
	(B)	Un-metered Supply						
		(i)	STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	2%	0%	-2%	0%	2%
		(ii)	Laghu Dal Nahar above 100 BHP	-11%	-26%	0%	0%	0%
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)		2%	2%	2%	2%	
LMV--9		Rural						
		Urban						

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AGRA DISCOM				CONSUMER NUMBER - CAGR				
SUPPLY TYPE	CAT	CATEGORY		Last 3 Year	Last 5 Years	Last 7 Years	Last 10 Years	Assumed
	(A)	Metered Supply						
		(i)	Individual Residential Consumers	-1%	122%	0%	0%	5%
		(ii)	Others	17%	29%	13%	0%	17%
	(B)	Un-metered Supply						
		(i)	Ceremonies	-62%	-10%	0%	0%	5%
		(ii)	Temporary Shops	0%	-100%	-100%	0%	0%
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)		-3%	65%	38%	50%	
LMV--10	(A)	Serving						
		(i)	Class IV Employees	4%	4%	2%	0%	4%
		(ii)	Class III Employees	4%	1%	-3%	0%	4%
		(iii)	Junior Engineers & Equivalent	7%	16%	16%	0%	7%
		(iv)	Assistant Engineers & Equivalent	3%	52%	37%	0%	3%
		(v)	Executive Engineers & Equivalent	6%	36%	25%	0%	6%
		(vi)	Deputy General Manager & Equivalent	0%	49%	38%	0%	5%
		(vii)	CGM/GM & Equivalent posts and above	-2%	10%	0%	0%	2%
	(B)	Total Pensioner & Family Pensioner		1%	1%	3%	0%	2%
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)		3%	2%	2%	0%	3%

6.2.2 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

AGRA DISCOM				CONSUMER NUMBER - CAGR				
SUPPLY TYPE	CAT	CATEGORY		Last 3 Year	Last 5 Years	Last 7 Years	Last 10 Years	Assumed
HV--1		Rural						
		Urban						
	(A)	Urban Schedule						
		(i)	For supply at 11kV	19%				19%
		(ii)	For supply above 11kV and upto & Including 66kV	16%				16%
		(iii)	For supply above 66kV and upto & Including 132kV	0%				0%
		(iv)	For supply above 132kV	0%				0%
	(B)	Rural Schedule						


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AGRA DISCOM				CONSUMER NUMBER - CAGR				
SUPPLY TYPE	CAT	CATEGORY		Last 3 Year	Last 5 Years	Last 7 Years	Last 10 Years	Assumed
		(i)	For supply at 11kV	-100%				1%
		(ii)	For supply above 11kV and upto & Including 66kV	0%				1%
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)		18%	22%	0%	0%	18%
HV--2		Rural						
		Urban						
	(A)	Urban Schedule						
		(i)	For supply at 11kV	9%				9%
		(ii)	For supply above 11kV and upto & Including 66kV	17%				17%
		(iii)	For supply above 66kV and upto & Including 132kV	8%				8%
		(iv)	For supply above 132kV	-29%				10%
	(B)	Rural Schedule						
		(i)	For supply at 11kV	-13%				-13%
		(ii)	For supply above 11kV and upto & Including 66kV	-100%				1%
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)		4%	7%	7%	8%	4%
HV--3		Rural						
		Urban						
	(A)	For supply at the above 132kV		73%				20%
	(B)	For supply below 132kV		41%				40%
	(C)	For Metro Traction		0%				0%
SUB TOTAL		RAILWAY TRACTION (HV-3)		63%	20%	8%	5%	20%
HV--4		Rural						
		Urban						
	(A)	For supply at 11kV		1%				1%
	(B)	For supply above 11kV and upto 66kV		-29%				50%
	(C)	For supply above 66kV and upto 132kV		0%				0%
SUB TOTAL		LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)		0%	11%	8%	7%	
EXTRA STATE		Rural						
		Urban						
	(A)	EXTRA STATE & OTHERS		0%				0%
SUB TOTAL		EXTRA STATE CONSUMERS		0%	-100%	-100%	-100%	0%
BULK		Rural						
		Urban						
	(A)	NPCL		0%				0%
	(B)	KESCO		0%				0%
SUB TOTAL		BULK SUPPLY		0%	-100%	-100%	-100%	0%
		GRAND TOTAL		15%	12%	10%	8%	15%


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6.2.3 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:

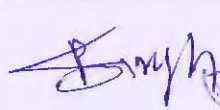
Table 6-8: Growth in LMV Consumer Load

AGRA DISCOM				Per Consumer Load In KW				
SUPPLY TYPE	CAT	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	1.340	1.278	1.333	1.303	1.340
		(ii)	Metered	1.375	1.300	1.427	1.326	1.427
	(B)	Supply at Single Point for Bulk Load		938.804	434.794	487.448	697.945	540.062
	(C1)	Other Metered Domestic Consumers		1.635	1.638	1.743	1.755	1.755
	(C2)	Life Line Consumers/BPL		1.000	1.000	1.001	1.273	1.273
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)		1.506	1.453	1.524	1.501	1.524
LMV--2		Rural						
		Urban						
	(A)	Consumer getting supply as per "Rural Schedule"						
		(i)	Un-metered	1.231	1.244	1.436	1.942	1.942
		(ii)	Metered	2.371	2.421	2.452	2.487	2.487
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex		2.981	2.236	3.056	3.011	3.011
	(C)	Other Metered Non-Domestic Supply		2.497	2.313	2.478	2.456	2.497
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)		2.446	2.327	2.469	2.479	2.479
LMV--3	A	Rural						
		Urban						
	(A)	Un-metered Supply						
		(i)	Gram Panchyat	11.702	13.535	10.833	8.380	8.380
		(ii)	Nagar Palika & Nagar Panchyat	16.975	6.902	8.422	9.439	9.439
		(iii)	Nagar Nigam	109.537	104.500	125.684	51.293	88.488
	(B)	Metered Supply						
		(i)	Gram Panchyat	106.000	-	-	55.451	106.000
		(ii)	Nagar Palika & Nagar Panchyat	89.613	81.349	106.204	82.545	106.204
		(iii)	Nagar Nigam	73.875	57.377	39.467	125.000	125.000
SUB TOTAL		PUBLIC LAMPS (LMV-3)		31.298	16.924	19.949	22.449	22.655
LMV--4	A	Rural						
		Urban						
	B	Rural						
		Urban						
	(A)	Public Institution(4 A)		6.332	4.994	4.506	5.179	4.893

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

AGRA DISCOM			Per Consumer Load In KW				
SUPPLY TYPE	CAT	CATEGORY	Previous -3	Previous -2	Previous Year-1	Current Year	Assumed
	(B)	Private Institution(4 B)	5.526	6.054	97.625	7.200	7.200
SUB TOTAL		LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV-4)	6.059	5.253	25.130	5.693	25.130
LMV--5		Rural					
		Urban					
	(A)	Rural Schedule					
		(i) Un metered Supply	7.275	7.263	7.318	7.457	7.457
		(ii) Metered Supply	7.166	6.925	7.209	7.389	7.389
	(B)	Urban Schedule					
		(i) Metered Supply	7.252	7.021	7.163	7.438	7.438
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	7.261	7.173	7.266	7.449	7.449
LMV--6		Rural					
		Urban					
	(A)	Small & Medium Power (Power Loom)					
		(i) Rural Schedule	7.461	7.454	8.230	8.619	8.619
		(ii) Urban Schedule	17.450	9.340	7.699	12.713	9.917
	(B)	Small & Medium Power					
		(i) Rural Schedule	7.392	9.216	7.403	6.600	6.600
		(ii) Urban Schedule	6.988	9.247	9.480	9.211	9.480
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	8.631	8.919	8.895	8.881	8.919
LMV--7		Rural					
		Urban					
	(A)	Rural Schedule					
		(i) Jal Nigam	11.171	10.164	11.258	6.223	11.258
		(ii) Jal Sansthan	18.393	15.511	12.690	11.237	11.237
		(iii) Others (Water Works)	15.032	12.475	10.858	3.827	3.827
	(B)	Urban Schedule					
		(i) Jal Nigam	30.442	16.764	15.250	16.111	16.111
		(ii) Jal Sansthan	23.855	35.735	37.589	21.947	37.589
		(iii) Others (Water Works)	18.813	19.256	18.661	40.045	40.045
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)	20.398	18.927	19.780	11.403	20.398
LMV--8		Rural					
		Urban					
	(A)	Metered Supply	28.520	29.436	27.313	25.560	29.436
	(B)	Un-metered Supply					
		(i) STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	19.490	18.750	19.118	19.677	19.677
		(ii) Laghu Dal Nahar above 100 BHP	115.000	115.400	120.000	27.750	120.000
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	22.248	21.465	21.520	21.622	22.248
LMV--9		Rural					
		Urban					
	(A)	Metered Supply					

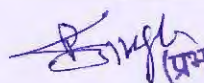

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Annual Revenue Requirement Petition of DVVNL for FY 2016-17 and True-Up for FY 2013-14

AGRA DISCOM				Per Consumer Load In KW				
SUPPLY TYPE	CAT	CATEGORY		Previous -3	Previous -2	Previous Year-1	Current Year	Assumed
		(i)	Individual Residential Consumers	5.012	2.803	2.114	3.363	2.760
		(ii)	Others	-	8.031	7.570	-	-
	(B)	Un-metered Supply						
		(i)	Ceremonies	16.200	11.350	11.385	3.660	3.660
		(ii)	Temporary Shops	-	-	-	-	-
SUB TOTAL	TEMPORARY SUPPLY (LMV-9)			5.516	4.421	3.112	3.401	5.516
LMV--10	(A)	Serving						
		(i)	Class IV Employees	2.758	2.967	3.037	3.146	3.146
		(ii)	Class III Employees	2.640	2.892	2.932	2.747	2.932
		(iii)	Junior Engineers & Equivalent	3.004	2.922	3.026	3.662	3.662
		(iv)	Assistant Engineers & Equivalent	4.766	4.186	4.140	4.274	4.766
		(v)	Executive Engineers & Equivalent	4.885	4.476	4.396	4.894	4.894
		(vi)	Deputy General Manager & Equivalent	3.900	3.357	3.439	3.848	3.548
		(vii)	CGM/GM & Equivalent posts and above	4.125	3.080	3.125	3.409	3.409
	(B)	Total Pensioner & Family Pensioner		3.222	3.136	4.132	3.086	4.132
SUB TOTAL	DEPARTMENTAL EMPLOYEES (LMV-10)			3.042	3.070	3.558	3.064	3.811
HV--1		Rural						
		Urban						
	(A)	Urban Schedule						
		(i)	For supply at 11kV	252.847	319.081	260.207	269.752	269.752
		(ii)	For supply above 11kV and upto & Including 66kV	1,029.447	2,857.214	755.800	881.311	755.800
		(iii)	For supply above 66kV and upto & Including 132kV	-	-	-	-	-
		(iv)	For supply above 132kV	-	-	-	-	-
	(B)	Rural Schedule						
		(i)	For supply at 11kV	82.500	420.833	-	-	420.833
		(ii)	For supply above 11kV and upto & Including 66kV	227.353	-	-	-	227.353
SUB TOTAL	NON INDUSTRIAL BULK LOADS (HV-1)			297.075	428.942	281.817	291.724	324.890
HV--2		Rural						
		Urban						
	(A)	Urban Schedule						
		(i)	For supply at 11kV	223.026	212.883	238.865	234.548	238.865
		(ii)	For supply above 11kV and upto & Including 66kV	2,503.661	2,283.014	1,679.612	739.518	1,679.612
		(iii)	For supply above 66kV and upto & Including 132kV	420.270	423.958	425.288	15,165.000	15,165.000
		(iv)	For supply above 132kV	9,163.333	35,500.000	12,696.667	17,530.000	12,696.667
	(B)	Rural Schedule						
		(i)	For supply at 11kV	190.110	228.986	230.817	233.757	233.757
		(ii)	For supply above 11kV and	467.273	349.524	-	87.000	349.524

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AGRA DISCOM			Per Consumer Load In KW				
SUPPLY TYPE	CAT	CATEGORY	Previous -3	Previous -2	Previous Year-1	Current Year	Assumed
		upto & Including 66kV					
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)	319.796	317.792	330.925	322.373	330.925
HV--3		Rural					
		Urban					
	(A)	For supply at the above 132kV	14,550.000	13,050.000	10,666.667	16,291.667	10,666.667
	(B)	For supply below 132kV	-	17,550.000	32,150.000	12,375.000	32,150.000
	(C)	For Metro Traction	-	-	-	-	-
SUB TOTAL		RAILWAY TRACTION (HV-3)	14,550.000	14,550.000	19,260.000	15,312.500	19,260.000
HV--4		Rural					
		Urban					
	(A)	For supply at 11kV	545.371	545.371	576.278	581.139	581.139
	(B)	For supply above 11kV and upto 66kV	814.000	897.000	136.000	143.000	143.000
	(C)	For supply above 66kV and upto 132kV	9,350.000	9,350.000	9,350.000	9,350.000	9,350.000
SUB TOTAL		LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)	791.211	795.579	795.579	800.368	800.368
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	2.626	2.533	2.759	2.453	2.759


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6.2.4 ENERGY SALES ASSUMPTION

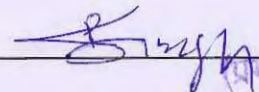
Adopted Appropriate value of Per capita Consumption per Consumer, Per Capita Consumption per KW of previous Year-3, previous Year-2, Previous Year-1 and Base Year and Un-Metered Sales norms are as below:

Table 6-9: Energy Sales Assumption

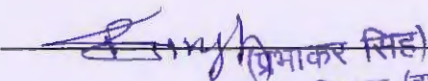
AGRA DISCOM			Per Capita Consumption / Consumer					Per Capita Consumption on Load Basis						
SUPPLY TYPE	CAT	CATEGORY	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Pre-3	Pre -2	Previous Year-1	Current Year	Max/curr ent year between last 4 years	Un metered	Assumed
LMV--1		Rural												
		Urban												
	(A)	Consumer getting supply as per "Rural Schedule"												
		(i) Un-metered	1,062	1,058	1,099	1,387	1,387	793	828	825	1,065	1,065	1296	1,296
		(ii) Metered	1,484	1,618	1,714	1,414	1,714	1,079	1,245	1,201	1,067	1,245		1,736
	(B)	Supply at Single Point for Bulk Load	24,38,889	12,35,294	13,73,291	20,87,448	24,38,889	2,598	2,841	2,817	2,991	2,991		2,991
	(C1)	Other Metered Domestic Consumers	1,758	1,942	1,887	1,950	1,950	1,075	1,186	1,083	1,111	1,186		2,019
	(C2)	Life Line Consumers/BPL	1,908	1,306	1,194	993	1,908	1,908	1,306	1,193	780	1,908		1,908
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	1,565	1,629	1,640	1,639		1,039	1,121	1,076	1,092			
LMV--2		Rural												
		Urban												
	(A)	Consumer getting supply as per "Rural Schedule"												
		(i) Un-metered	1,111	1,125	1,309	2,250	2,250	902	904	911	1,159	1,159	1296	1,296
		(ii) Metered	2,638	3,177	3,433	3,491	3,491	1,113	1,312	1,400	1,404	1,404		1,404
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	3,644	3,300	2,711	2,262	3,644	1,222	1,476	887	751	1,476		1,476
	(C)	Other Metered Non-Domestic Supply	2,744	3,003	3,086	3,085	3,086	1,099	1,298	1,245	1,256	1,298		1,298
SUB		NON DOMESTIC LIGHT FAN &	2,698	3,043	3,159	3,167		1,103	1,307	1,279	1,278			

(Signature)
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AGRA DISCOM			Per Capita Consumption /Consumer				Per Capita Consumption on Load Basis					Max/curre nt year between last 4 years	Un metered	Assumed
SUPPLY TYPE	CAT	CATEGORY	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Pre-3	Pre -2	Previous Year-1	Current Year			
TOTAL		POWER (LMV-2)												
LMV--3	A	Rural												
		Urban												
	(A)	Un-metered Supply												
		(i) Gram Panchyat	34,468	40,816	35,249	31,550	40,816	2,946	3,016	3,254	3,765	3,765	3600	3,600
		(ii) Nagar Palika & Nagar Panchyat	60,880	21,322	30,070	32,899	60,880	3,586	3,089	3,571	3,486	3,586	4320	4,320
		(iii) Nagar Nigam	3,82,955	4,78,261	4,18,231	2,08,439	4,78,261	3,496	4,577	3,328	4,064	4,577	4320	4,320
	(B)	Metered Supply												
		(i) Gram Panchyat	6,53,500	-	-	2,37,411	6,53,500	6,165	-	-	4,281	6,165		6,165
		(ii) Nagar Palika & Nagar Panchyat	3,49,435	3,33,333	4,27,352	2,85,737	4,27,352	3,899	4,098	4,024	3,462	4,098		4,098
		(iii) Nagar Nigam	2,65,500	1,69,811	1,77,314	5,77,222	5,77,222	3,594	2,960	4,493	4,618	4,618		4,618
SUB TOTAL		PUBLIC LAMPS (LMV-3)	1,11,884	60,967	71,647	85,674		3,575	3,602	3,592	3,816			
LMV--4	A	Rural												
		Urban												
	B	Rural												
		Urban												
	(A)	Public Institution(4 A)	17,165	15,181	14,063	13,584	17,165	2,711	3,040	3,121	2,623	3,121		3,121
	(B)	Private Institution(4 B)	9,796	11,812	17,397	15,040	17,397	1,773	1,951	178	2,089	178		2,089
SUB TOTAL		LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV- 4)	14,671	14,357	14,801	13,955		2,421	2,733	589	2,451			
LMV--5		Rural												
		Urban												
	(A)	Rural Schedule												
		(i) Un metered Supply	7,235	7,378	8,022	10,559	10,559	994	1,016	1,096	1,416	1,416	1649.88	1,650
		(ii) Metered Supply	15,949	15,473	14,835	17,940	17,940	2,226	2,234	2,058	2,428	2,428		2,428
	(B)	Urban Schedule												


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 वाणिज्य विभाग, अग्रा

AGRA DISCOM			Per Capita Consumption / Consumer				Per Capita Consumption on Load Basis					Max/curre nt year between last 4 years	Un metered	Assumed
SUPPLY TYPE	CAT	CATEGORY	Previous -3	Previous -2	Previous Year-1	Current Year	Max between last 4 years	Pre-3	Pre -2	Previous Year-1	Current Year			
		(i) Metered Supply	16,014	16,152	16,641	18,694	18,694	2,208	2,301	2,323	2,513	2,513		2,513
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	10,326	10,445	10,952	13,436		1,422	1,456	1,507	1,804			
LMV--6		Rural												
		Urban												
	(A)	Small & Medium Power (Power Loom)												
		(i) Rural Schedule	7,038	7,433	14,559	7,575	14,559	943	997	1,769	879	1,769		1,769
		(ii) Urban Schedule	15,240	11,387	8,188	23,082	23,082	873	1,219	1,063	1,816	1,816		1,816
	(B)	Small & Medium Power												
		(i) Rural Schedule	7,749	16,162	8,518	7,854	16,162	1,048	1,754	1,151	1,190	1,754		1,754
		(ii) Urban Schedule	10,640	13,659	14,479	13,825	14,479	1,523	1,477	1,527	1,501	1,527		1,501
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	10,388	12,575	13,075	12,593		1,204	1,410	1,470	1,418			
LMV--7		Rural												
		Urban												
	(A)	Rural Schedule												-
		(i) Jal Nigam	43,783	43,228	56,738	35,045	56,738	3,919	4,253	5,040	5,632	5,632		5,632
		(ii) Jal Sansthan	33,089	35,008	69,989	72,109	72,109	1,799	2,257	5,515	6,417	6,417		6,417
		(iii) Others (Water Works)	62,355	50,505	58,311	10,745	62,355	4,148	4,049	5,370	2,808	5,370		2,808
	(B)	Urban Schedule												
		(i) Jal Nigam	93,511	63,457	75,421	1,20,839	1,20,839	3,072	3,785	4,945	7,501	7,501		7,501
		(ii) Jal Sansthan	1,05,902	1,48,464	1,24,629	91,795	1,48,464	4,439	4,155	3,316	4,182	4,439		3,316
		(iii) Others (Water Works)	57,451	50,473	60,681	1,04,251	1,04,251	3,054	2,621	3,252	2,603	3,252		3,252
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)	70,717	67,616	79,961	52,891		3,467	3,572	4,042	4,638			
LMV--8		Rural												
		Urban												
	(A)	Metered Supply	91,875	1,46,468	1,21,213	1,21,751	1,46,468	3,221	4,976	4,438	4,763	4,976		4,976
	(B)	Un-metered Supply												


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AGRA 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	Pre-3	Pre -2	Previous Year-1	Current Year	Max/curr ent year between last 4 years	Un metered	Assumed
		(i)	STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	59,688	53,359	66,769	68,537	68,537	3,063	2,846	3,493	3,483	3,493	64122.36	64,122
		(ii)	Laghu Dal Nahar above 100 BHP	1,47,250	4,00,000	15,53,250	40,603	15,53,250	1,280	3,466	12,944	1,463	12,944	64122.36	64,122
SUB TOTAL	STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)			69,351	76,615	83,245	85,190		3,117	3,569	3,868	3,940			
LMV--9		Rural													
		Urban													
	(A)	Metered Supply													
		(i)	Individual Residential Consumers	11,559	8,842	5,963	7,417	11,559	2,306	3,155	2,821	2,206	3,155		3,155
		(ii)	Others	-	15,464	13,165	-	15,464	-	1,926	1,739	-	1,926		1,926
	(B)	Un-metered Supply													
		(i)	Ceremonies	60,029	24,540	65,385	11,883	65,385	3,705	2,162	5,743	3,247	5,743		5,743
		(ii)	Temporary Shops	-	-	-	-	-	-	-	-	-	-		-
SUB TOTAL	TEMPORARY SUPPLY (LMV-9)			13,742	11,425	8,008	7,986		2,491	2,584	2,573	2,348			
LMV--10	(A)	Serving													
		(i)	Class IV Employees	3,210	4,342	7,506	5,311	7,506	1,164	1,463	2,471	1,688	2,471		5,311
		(ii)	Class III Employees	3,188	2,754	2,706	3,091	3,188	1,207	952	923	1,125	1,207		3,091
		(iii)	Junior Engineers & Equivalent	3,684	5,051	6,953	5,355	6,953	1,227	1,729	2,298	1,462	2,298		5,355
		(iv)	Assistant Engineers & Equivalent	8,680	8,310	7,096	7,950	8,680	1,821	1,985	1,714	1,860	1,985		7,950
		(v)	Executive Engineers & Equivalent	14,315	8,065	7,871	9,024	14,315	2,931	1,802	1,791	1,844	2,931		9,024
		(vi)	Deputy General Manager & Equivalent	2,758	-	5,034	7,663	7,663	707	-	1,464	1,991	1,991		7,663

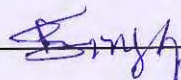
अधिसूची अभियन्ता (वाणिज्य)
नियंत्रित निरीक्षण

AGRA 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	Pre-3	Pre -2	Previous Year-1	Current Year	Max/curr ent year between last 4 years	Un metered	Assumed
		(vii)	CGM/GM & Equivalent posts and above	6,511	-	8,171	5,918	8,171	1,578	-	2,615	1,736	2,615		5,918
	(B)	Total Pensioner & Family Pensioner		5,919	6,092	6,677	6,762	6,762	1,837	1,942	1,616	2,191	2,191		6,762
SUB TOTAL	DEPARTMENTAL EMPLOYEES (LMV-10)			4,826	4,932	5,952	5,460		1,587	1,606	1,673	1,782			
HV--1		Rural													
		Urban													
	(A)	Urban Schedule													
		(i)	For supply at 11kV	5,87,396	6,18,123	5,44,020	4,22,495	6,18,123	2,323	1,937	2,091	1,566	1,566		2,323
		(ii)	For supply above 11kV and upto & Including 66kV	30,95,585	50,00,000	27,88,422	27,29,039	50,00,000	3,007	1,750	3,689	3,097	3,097		3,689
		(iii)	For supply above 66kV and upto & Including 132kV	-	-	-	-	-	-	-	-	-	-		-
		(iv)	For supply above 132kV	-	-	-	-	-	-	-	-	-	-		-
	(B)	Rural Schedule													
		(i)	For supply at 11kV	32,96,500	6,66,667	-	-	32,96,500	39,958	1,584	-	-	39,958		1,584
		(ii)	For supply above 11kV and upto & Including 66kV	6,52,353	-	-	-	6,52,353	2,869	-	-	-	2,869		2,869
SUB TOTAL	NON INDUSTRIAL BULK LOADS (HV-1)			7,85,911	8,08,511	6,90,468	5,25,609		2,645	1,885	2,450	1,802			
HV--2		Rural													
		Urban													
	(A)	Urban Schedule													
		(i)	For supply at 11kV	5,77,195	5,75,540	5,14,430	6,13,175	6,13,175	2,588	2,704	2,154	2,614	2,614		2,704
		(ii)	For supply above 11kV and upto & Including 66kV	75,63,242	74,78,261	66,19,888	26,78,198	75,63,242	3,021	3,276	3,941	3,622	3,941		3,941



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AGRA 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	Pre-3	Pre -2	Previous Year-1	Current Year	Max/curr ent year between last 4 years	Un metered	Assumed
		(iii)	For supply above 66kV and upto & Including 132kV	11,13,226	13,66,667	13,82,669	7,84,26,000	7,84,26,000	2,649	3,224	3,251	5,172	5,172		5,172
		(iv)	For supply above 132kV	5,96,04,333	20,40,00,000	6,29,30,333	8,88,98,000	20,40,00,000	6,505	5,746	4,956	5,071	6,505		6,505
	(B)	Rural Schedule													
		(i)	For supply at 11kV	2,69,879	5,23,148	6,57,389	3,62,400	6,57,389	1,420	2,285	2,848	1,550	2,848		2,848
		(ii)	For supply above 11kV and upto & Including 66kV	30,04,000	3,33,333	-	1,57,500	30,04,000	6,429	954	-	1,810	6,429		6,429
SUB TOTAL	LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)			8,99,503	9,42,941	9,48,676	9,84,220		2,813	2,967	2,867	3,053			
HV--3		Rural													
		Urban													
	(A)	For supply at the above 132kV		6,22,19,333	5,50,00,000	3,98,33,667	3,04,89,667	6,22,19,333	4,276	4,215	3,734	1,871	4,276		4,276
	(B)	For supply below 132kV		-	7,50,00,000	3,84,78,000	3,67,58,000	7,50,00,000	-	4,274	1,197	2,970	2,970		4,274
	(C)	For Metro Traction		-	-	-	-	-	-	-	-	-	-		-
SUB TOTAL	RAILWAY TRACTION (HV-3)			6,22,19,333	6,16,66,667	3,92,91,400	3,20,56,750		4,276	4,238	2,040	2,094			
HV--4		Rural													
		Urban													
	(A)	For supply at 11kV		27,82,400	30,00,000	31,58,528	36,16,861	36,16,861	5,102	5,501	5,481	6,224	6,224		6,224
	(B)	For supply above 11kV and upto 66kV		55,54,000	20,00,000	24,55,000	1,54,000	55,54,000	6,823	2,230	18,051	1,077	18,051		18,051
	(C)	For supply above 66kV and upto 132kV		1,00,05,000	1,50,00,000	96,78,000	1,37,19,000	1,50,00,000	1,070	1,604	1,035	1,467	1,604		1,604
SUB TOTAL	LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)			31,18,342	32,63,158	33,11,579	37,91,579		3,941	4,102	4,162	4,737			
EXTRA STATE		Rural													
		Urban													
	(A)	EXTRA STATE & OTHERS		-	-	-	-	-	-	-	-	-	-		-
SUB	EXTRA STATE CONSUMERS			-	-	-	-		-	-	-	-			


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AGRA 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	Pre-3	Pre -2	Previous Year-1	Current Year	Max/curr ent year between last 4 years	Un metered	Assumed
TOTAL														
BULK		Rural												
		Urban												
	(A)	NPCL	-	-	-	-	-	-	-	-	-	-		-
	(B)	KESCO	-	-	-	-	-	-	-	-	-	-		-
SUB TOTAL		BULK SUPPLY	-	-	-	-	-	-	-	-	-	-		-
		GRAND TOTAL	3,867	3,982	4,030	3,905		1,473	1,572	1,460	1,592			



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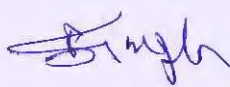
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6.2.5 CONSUMER SUB-CATEGORY WISE PROJECTIONS

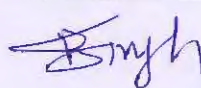
Projections for Nos of Consumer sub-category wise for the two years have been made as given below:

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

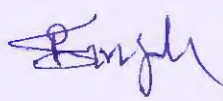
Agra Discom				No of Consumer		
SUPPLY TYPE	CAT	CATEGORY		2014-15	2015-16	2016-17
LMV--1		Rural				
		Urban				
	(A)	Consumer getting supply as per "Rural Schedule"				
		(i)	Un-metered	6,96,630	6,82,697	6,69,043
		(ii)	Metered	8,42,038	13,30,420	18,35,980
	(B)	Supply at Single Point for Bulk Load		78	92	109
	(C1)	Other Metered Domestic Consumers		11,12,304	12,23,534	13,45,888
	(C2)	Life Line Consumers/BPL		2,20,998	2,43,098	2,67,408
	SUB TOTAL	DOMESTIC LIGHT FAN & POWER (LMV-1)		28,72,048	34,79,842	41,18,427
	LMV--2	Rural				
		Urban				
	(A)	Consumer getting supply as per "Rural Schedule"				
		(i)	Un-metered	3,855	4,048	4,250
		(ii)	Metered	81,006	82,626	84,279
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex		9,801	10,291	10,806
	(C)	Other Metered Non-Domestic Supply		1,70,594	1,79,124	1,88,080
	SUB TOTAL	NON DOMESTIC LIGHT FAN & POWER (LMV-2)		2,65,256	2,76,089	2,87,414
LMV--3	A	Rural				
		Urban				
	(A)	Un-metered Supply				
		(i)	Gram Panchyat	200	240	288
		(ii)	Nagar Palika & Nagar Panchyat	923	932	942
		(iii)	Nagar Nigam	41	47	54
	(B)	Metered Supply				
		(i)	Gram Panchyat	185	187	189
		(ii)	Nagar Palika & Nagar Panchyat	110	116	121
		(iii)	Nagar Nigam	9	9	10
	SUB TOTAL	PUBLIC LAMPS (LMV-3)		1,468	1,531	1,604
LMV--4	A	Rural				
		Urban				
	B	Rural				
		Urban				
	(A)	Public Institution(4 A)		19,523	20,499	21,524
	(B)	Private Institution(4 B)		6,670	6,803	6,939


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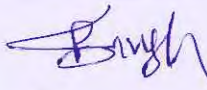
Agra Discom				No of Consumer		
SUPPLY TYPE	CAT	CATEGORY		2014-15	2015-16	2016-17
SUB TOTAL		LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV-4)		26,193	27,303	28,464
LMV--5		Rural				
		Urban				
	(A)	Rural Schedule				
		(i)	Un metered Supply	1,32,076	1,36,738	1,41,565
		(ii)	Metered Supply	6,831	7,173	7,531
	(B)	Urban Schedule				
		(i)	Metered Supply	66,421	70,406	74,631
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)		2,05,328	2,14,317	2,23,727
LMV--6		Rural				
		Urban				
	(A)	Small & Medium Power (Power Loom)				
		(i)	Rural Schedule	5,671	5,955	6,252
		(ii)	Urban Schedule	3,402	3,606	3,822
	(B)	Small & Medium Power				
		(i)	Rural Schedule	9,503	10,073	10,678
		(ii)	Urban Schedule	30,671	31,898	33,174
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)		49,247	51,532	53,926
LMV--7		Rural				
		Urban				
	(A)	Rural Schedule				
		(i)	Jal Nigam	2,378	2,854	3,424
		(ii)	Jal Sansthan	781	875	980
		(iii)	Others (Water Works)	1,392	1,559	1,746
	(B)	Urban Schedule				
		(i)	Jal Nigam	434	477	525
		(ii)	Jal Sansthan	952	1,028	1,110
		(iii)	Others (Water Works)	381	396	412
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)		6,318	7,189	8,198
LMV--8		Rural				
		Urban				
	(A)	Metered Supply		2,324	2,440	2,562
	(B)	Un-metered Supply		-	-	-
		(i)	STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	4,920	5,018	5,119
		(ii)	Laghu Dal Nahar above 100 BHP	68	68	68
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)		7,312	7,527	7,749
LMV--9		Rural				
		Urban				
	(A)	Metered Supply				

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Agra Discom				No of Consumer		
SUPPLY TYPE	CAT	CATEGORY		2014-15	2015-16	2016-17
		(i)	Individual Residential Consumers	2,058	2,161	2,269
		(ii)	Others	-	-	-
	(B)	Un-metered Supply				
		(i)	Ceremonies	300	315	331
		(ii)	Temporary Shops	-	-	-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)		2,358	2,476	2,600
LMV--10	(A)	Serving				
		(i)	Class IV Employees	3,478	3,601	3,729
		(ii)	Class III Employees	4,764	4,955	5,153
		(iii)	Junior Engineers & Equivalent	456	488	522
		(iv)	Assistant Engineers & Equivalent	398	410	422
		(v)	Executive Engineers & Equivalent	142	151	160
		(vi)	Deputy General Manager & Equivalent	48	50	53
		(vii)	CGM/GM & Equivalent posts and above	22	22	23
	(B)	Total Pensioner & Family Pensioner		7,865	8,022	8,183
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)		17,173	17,699	18,244
HV--1		Rural				
		Urban				
	(A)	Urban Schedule				
		(i)	For supply at 11kV	483	517	553
		(ii)	For supply above 11kV and upto & Including 66kV	18	19	19
		(iii)	For supply above 66kV and upto & Including 132kV	-	-	-
		(iv)	For supply above 132kV	-	-	-
	(B)	Rural Schedule				
		(i)	For supply at 11kV	-	-	-
		(ii)	For supply above 11kV and upto & Including 66kV	-	-	-
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)		501	535	572
HV--2		Rural				
		Urban				
	(A)	Urban Schedule				
		(i)	For supply at 11kV	1,885	2,111	2,365
		(ii)	For supply above 11kV and upto & Including 66kV	253	263	274
		(iii)	For supply above 66kV and upto	2	2	2


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Agra Discom				No of Consumer		
SUPPLY TYPE	CAT	CATEGORY		2014-15	2015-16	2016-17
			& Including 132kV			
		(iv)	For supply above 132kV	3	3	3
	(B)	Rural Schedule				
		(i)	For supply at 11kV	235	259	284
		(ii)	For supply above 11kV and upto & Including 66kV	2	2	2
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)		2,380	2,640	2,930
HV--3		Rural				
		Urban				
	(A)	For supply at the above 132kV		6	7	8
	(B)	For supply below 132kV		2	2	2
	(C)	For Metro Traction		-	-	-
SUB TOTAL		RAILWAY TRACTION (HV-3)		8	9	10
HV--4		Rural				
		Urban				
	(A)	For supply at 11kV		36	38	40
	(B)	For supply above 11kV and upto 66kV		1	1	1
	(C)	For supply above 66kV and upto 132kV		1	1	1
SUB TOTAL		LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)		38	40	42
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		34,55,628	40,88,728	47,53,907


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6.2.6 CONNECTED LOAD SUB-CATEGORY WISE PROJECTIONS

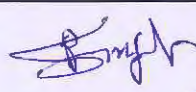
Projections for Connected Load sub-category wise for the two years have been made as given below:

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


Agra Discom			Projected Connected Load in KW		
SUPPLY TYPE	CATEGORY	CATEGORY	2014-15	2015-16	2016-17
LMV--1		Rural			
		Urban			
	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	907,381	914,496	896,206
		(ii) Metered	1,116,364	1,898,084	2,619,356
	(B)	Supply at Single Point for Bulk Load	54,440	49,707	58,655
	(C1)	Other Metered Domestic Consumers	1,952,425	2,147,667	2,362,434
	(C2)	Life Line Consumers/BPL	281,277	309,404	340,345
	SUB TOTAL	DOMESTIC LIGHT FAN & POWER (LMV-1)	4,311,886	5,319,359	6,276,996
	LMV--2	Rural			
		Urban			
	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	7,487	7,861	8,254
		(ii) Metered	201,444	205,473	209,582
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	29,508	30,984	32,533
	(C)	Other Metered Non-Domestic Supply	419,019	447,359	469,727
	SUB TOTAL	NON DOMESTIC LIGHT FAN & POWER (LMV-2)	657,458	691,677	720,096
LMV--3	A	Rural			
		Urban			
	(A)	Un-metered Supply			
		(i) Gram Panchyat	1,676	2,011	2,413
		(ii) Nagar Palika & Nagar Panchyat	8,712	8,799	8,887
		(iii) Nagar Nigam	2,103	4,172	4,798
	(B)	Metered Supply			
		(i) Gram Panchyat	10,258	19,806	20,004
		(ii) Nagar Palika & Nagar Panchyat	9,080	12,267	12,880
		(iii) Nagar Nigam	1,125	1,181	1,240
	SUB TOTAL	PUBLIC LAMPS (LMV-3)	32,954	48,236	50,223
LMV--4	A	Rural			
		Urban			
	B	Rural			
		Urban			
	(A)	Public Institution(4 A)	101,104	100,297	105,312

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दोविनिगलि आगरा


SUPPLY TYPE	CATEGORY	Agra Discom		Projected Connected Load in KW		
		CATEGORY		2014-15	2015-16	2016-17
	(B)	Private Institution(4 B)		48,026	48,986	49,966
SUB TOTAL		LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV-4)		149,130	149,283	155,278
LMV--5		Rural				
		Urban				
	(A)	Rural Schedule				
		(i)	Un metered Supply	984,847	1,019,612	1,055,605
		(ii)	Metered Supply	50,472	52,996	55,645
	(B)	Urban Schedule				
		(i)	Metered Supply	494,068	523,712	555,135
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)		1,529,387	1,596,320	1,666,385
LMV--6		Rural				
		Urban				
	(A)	Small & Medium Power (Power Loom)				
		(i)	Rural Schedule	48,880	51,324	53,890
		(ii)	Urban Schedule	43,248	35,762	37,908
	(B)	Small & Medium Power				
		(i)	Rural Schedule	62,717	66,480	70,469
		(ii)	Urban Schedule	282,497	302,403	314,499
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)		437,342	455,969	476,766
LMV--7		Rural				
		Urban				
	(A)	Rural Schedule				
		(i)	Jal Nigam	14,798	32,125	38,550
		(ii)	Jal Sansthan	8,776	9,829	11,009
		(iii)	Others (Water Works)	5,327	5,966	6,682
	(B)	Urban Schedule				
		(i)	Jal Nigam	6,992	7,691	8,460
		(ii)	Jal Sansthan	20,894	38,648	41,740
		(iii)	Others (Water Works)	15,257	15,867	16,502
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)		72,044	110,127	122,943
LMV--8		Rural				
		Urban				
	(A)	Metered Supply		59,402	71,830	75,422
	(B)	Un-metered Supply		-	-	-
		(i)	STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	96,809	98,745	100,720
		(ii)	Laghu Dal Nahar above 100 BHP	1,887	8,160	8,160
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)		158,098	178,735	184,302
LMV--9		Rural				
		Urban				
	(A)	Metered Supply				

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Agra Discom				Projected Connected Load in KW		
SUPPLY TYPE	CATEGORY	CATEGORY		2014-15	2015-16	2016-17
		(i)	Individual Residential Consumers	6,921	5,964	6,262
		(ii)	Others	-	-	-
	(B)	Un-metered Supply				
		(i)	Ceremonies	1,098	1,153	1,211
		(ii)	Temporary Shops	-	-	-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)		8,019	7,117	7,472
LMV--10	(A)	Serving				
		(i)	Class IV Employees	10,942	11,330	11,732
		(ii)	Class III Employees	13,085	14,526	15,107
		(iii)	Junior Engineers & Equivalent	1,670	1,787	1,912
		(iv)	Assistant Engineers & Equivalent	1,701	1,954	2,012
		(v)	Executive Engineers & Equivalent	695	737	781
		(vi)	Deputy General Manager & Equivalent	185	179	188
		(vi)	CGM/GM & Equivalent posts and above	75	77	78
	(B)	Total Pensioner & Family Pensioner		24,270	33,148	33,811
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)		52,622	63,736	65,620
HV--1		Rural				
		Urban				
	(A)	Urban Schedule				
		(i)	For supply at 11kV	130,290	139,410	149,169
		(ii)	For supply above 11kV and upto & Including 66kV	15,864	16,340	16,830
		(iii)	For supply above 66kV and upto & Including 132kV	-	-	-
		(iv)	For supply above 132kV	-	-	-
	(B)	Rural Schedule				
		(i)	For supply at 11kV	-	-	-
		(ii)	For supply above 11kV and upto & Including 66kV	-	-	-
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)		146,154	155,750	165,999
HV--2		Rural				
		Urban				
	(A)	Urban Schedule				
		(i)	For supply at 11kV	442,123	495,177	554,599
		(ii)	For supply above 11kV and upto & Including 66kV	187,098	194,582	202,365
		(iii)	For supply above 66kV and upto & Including 132kV	30,330	33,363	36,699
		(iv)	For supply above 132kV	52,590	53,116	53,647

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Agra Discom			Projected Connected Load in KW		
SUPPLY TYPE	CATEGORY	CATEGORY	2014-15	2015-16	2016-17
	(B)	Rural Schedule			
	(i)	For supply at 11kV	54,933	60,426	66,469
	(ii)	For supply above 11kV and upto & Including 66kV	174	176	177
SUB TOTAL	LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)		767,248	836,840	913,957
HV--3		Rural			
		Urban			
	(A)	For supply at the above 132kV	97,750	112,413	129,274
	(B)	For supply below 132kV	24,750	27,225	29,948
	(C)	For Metro Traction	-	-	-
SUB TOTAL	RAILWAY TRACTION (HV-3)		122,500	139,638	159,222
HV--4		Rural			
		Urban			
	(A)	For supply at 11kV	20,921	21,967	23,065
	(B)	For supply above 11kV and upto 66kV	143	147	152
	(C)	For supply above 66kV and upto 132kV	9,350	9,350	9,350
SUB TOTAL	LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)		30,414	31,464	32,567
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		8,475,256	9,784,252	10,997,826


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6.2.7 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

Agra Discom			Projected Sales			Projected (Impact of Running Hours on Sales)			Projected (Impact of Demand Side Management on Sales)		
SUPPLY TYPE	CAT	CATEGORY	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
LMV--1		Rural									
		Urban									
	(A)	Consumer getting supply as per "Rural Schedule"									
		(i) Un-metered	966	1,185	1,161	966	1,185	1,161	966	1,185	1,161
		(ii) Metered	1,191	2,310	3,187	1,191	2,258	3,957	1,191	2,258	3,957
	(B)	Supply at Single Point for Bulk Load	163	0	0	163	0	0	163	0	0
	(C1)	Other Metered Domestic Consumers	2,169	2,470	2,717	2,169	2,486	3,102	2,169	2,486	3,102
	(C2)	Life Line Consumers/BPL	220	464	510	220	474	555	220	474	555
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	4,708	6,429	7,577	4,708	6,403	8,776	4,708	6,403	8,776
LMV--2		Rural									
		Urban									
	(A)	Consumer getting supply as per "Rural Schedule"									
		(i) Un-metered	9	10	11	9	10	11	9	10	11
		(ii) Metered	283	288	294	283	283	364	283	283	364
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	22	46	48	22	45	58	22	45	58
	(C)	Other Metered Non-Domestic Supply	526	581	610	526	588	684	526	588	684
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	840	925	963	840	927	1,118	840	927	1,118
LMV--3	A	Rural									
		Urban									
	(A)	Un-metered Supply									
		(i) Gram Panchyat	6	7	9	6	7	9	6	7	9
		(ii) Nagar Palika & Nagar Panchyat	30	38	38	30	38	38	30	38	38
		(iii) Nagar Nigam	9	18	21	9	18	21	9	18	21

अधिरासी अभियन्ता (वाणिज्य)
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Agra Discom			Projected Sales			Projected (Impact of Running Hours on Sales)			Projected (Impact of Demand Side Management on Sales)		
SUPPLY TYPE	CAT	CATEGORY	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
	(B)	Metered Supply									
		(i) Gram Panchyat	44	122	123	44	126	130	44	126	130
		(ii) Nagar Palika & Nagar Panchyat	31	50	53	31	49	65	31	49	65
		(iii) Nagar Nigam	5	5	6	5	6	6	5	6	6
SUB TOTAL		PUBLIC LAMPS (LMV-3)	126	241	250	126	244	269	126	244	269
LMV--4	A	Rural									
		Urban									
	B	Rural									
		Urban									
	(A)	Public Institution(4 A)	265	313	329	265	309	400	265	309	400
	(B)	Private Institution(4 B)	100	102	104	100	102	125	100	102	125
SUB TOTAL		LIGHT, FAN & POWER FOR PUBLIC/PRIVATE INSTITUTION (LMV-4)	366	415	433	366	411	525	366	411	525
LMV--5		Rural									
		Urban									
	(A)	Rural Schedule									
		(i) Un metered Supply	1,395	1,682	1,742	1,395	1,682	1,742	1,395	1,682	1,742
		(ii) Metered Supply	123	129	135	123	129	135	123	129	135
	(B)	Urban Schedule									
		(i) Metered Supply	1,242	1,316	1,395	1,242	1,316	1,395	1,242	1,316	1,395
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	2,759	3,127	3,272	2,759	3,127	3,272	2,759	3,127	3,272
LMV--6		Rural									
		Urban									
	(A)	Small & Medium Power (Power Loom)									
		(i) Rural Schedule	43	91	95	43	88	119	43	88	119
		(ii) Urban Schedule	79	65	69	79	65	82	79	65	82
	(B)	Small & Medium Power									
		(i) Rural Schedule	75	117	124	75	114	153	75	114	153
		(ii) Urban Schedule	424	454	472	424	454	550	424	454	550
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	620	726	760	620	721	903	620	721	903

अभिजातीय अधिकारिता (वर्गीकृत)
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Agra Discom			Projected Sales			Projected (Impact of Running Hours on Sales)			Projected (Impact of Demand Side Management on Sales)		
SUPPLY TYPE	CAT	CATEGORY	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
LMV--7		Rural									
		Urban									
	(A)	Rural Schedule									
		(i) Jal Nigam	83	181	217	83	181	217	83	181	217
		(ii) Jal Sansthan	56	63	71	56	63	71	56	63	71
		(iii) Others (Water Works)	15	17	19	15	17	19	15	17	19
	(B)	Urban Schedule									
		(i) Jal Nigam	52	58	63	52	58	63	52	58	63
		(ii) Jal Sansthan	87	128	138	87	128	138	87	128	138
		(iii) Others (Water Works)	40	52	54	40	52	54	40	52	54
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)	334	498	562	334	498	562	334	498	562
LMV--8		Rural									
		Urban									
	(A)	Metered Supply	283	357	375	283	357	375	283	357	375
	(B)	Un-metered Supply	-	-	-	-	-	-	-	-	-
		(i) STW, Panchayat Raj, WB, I.Duch, P.Canals, LI upto 100 BHP	337	322	328	337	322	328	337	322	328
		(ii) Laghu Dal Nahar above 100 BHP	3	4.4	4.4	2.76	4.36	4.36	3	4	4
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	623	684	708	623	684	708	623	684	708
LMV--9		Rural									
		Urban									
	(A)	Metered Supply									
		(i) Individual Residential Consumers	15	19	20	15	19	22	15	19	22
		(ii) Others	-	-	-	-	-	-	-	-	-
	(B)	Un-metered Supply									
		(i) Ceremonies	4	7	7	4	7	8	4	7	8
		(ii) Temporary Shops	-	-	-	-	-	-	-	-	-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)	19	25	27	19	26	30	19	26	30

अधिरासी अभियन्ता (वाणिज्य)
दफ्तर विनिर्माण आगरा

Agra Discom			Projected Sales			Projected (Impact of Running Hours on Sales)			Projected (Impact of Demand Side Management on Sales)		
SUPPLY TYPE	CAT	CATEGORY	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
LMV--10	(A)	Serving									
		(i) Class IV Employees	18	19	20	18	19	23	18	19	23
		(ii) Class III Employees	15	15	16	15	15	18	15	15	18
		(iii) Junior Engineers & Equivalent	2	3	3	2	3	3	2	3	3
		(iv) Assistant Engineers & Equivalent	3	3	3	3	3	4	3	3	4
		(v) Executive Engineers & Equivalent	1	1	1	1	1	2	1	1	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	0	0	0	0
	(B)	Total Pensioner & Family Pensioner	53	54	55	53	55	63	53	55	63
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)	94	96	99	94	97	113	94	97	113
HV--1		Rural									
		Urban									
	(A)	Urban Schedule									
		(i) For supply at 11kV	204	324	347	204	324	347	204	324	347
		(ii) For supply above 11kV and upto & Including 66kV	49	60	62	49	60	62	49	60	62
		(iii) For supply above 66kV and upto & Including 132kV	1	-	-	1	-	-	1	-	-
		(iv) For supply above 132kV	0	-	-	0	-	-	0	-	-
	(B)	Rural Schedule									
		(i) For supply at 11kV	8	-	-	8	-	-	8	-	-
		(ii) For supply above 11kV and upto & Including 66kV	1	-	-	1	-	-	1	-	-
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)	263	384	409	263	384	409	263	384	409
HV--2		Rural									
		Urban									
	(A)	Urban Schedule									
		(i) For supply at 11kV	1,156	1,339	1,499	1,156	1,339	1,499	1,156	1,339	1,499

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Agra Discom				Projected Sales			Projected (Impact of Running Hours on Sales)			Projected (Impact of Demand Side Management on Sales)		
SUPPLY TYPE	CAT	CATEGORY		2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
		(ii)	For supply above 11kV and upto & Including 66kV	678	767	798	678	767	798	678	767	798
		(iii)	For supply above 66kV and upto & Including 132kV	157	173	190	157	173	190	157	173	190
		(iv)	For supply above 132kV	267	346	349	267	346	349	267	346	349
	(B)	Rural Schedule										
		(i)	For supply at 11kV	85	172	189	85	172	189	85	172	189
		(ii)	For supply above 11kV and upto & including 66kV	0	1	1	0	1	1	0	1	1
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)		2,342	2,797	3,026	2,342	2,797	3,026	2,342	2,797	3,026
HV--3		Rural										
		Urban										
	(A)	For supply at the above 132kV		183	481	553	183	481	553	183	481	553
	(B)	For supply below 132kV		74	116	128	74	116	128	74	116	128
	(C)	For Metro Traction		-	-	-	-	-	-	-	-	-
SUB TOTAL		RAILWAY TRACTION (HV-3)		256	597	681	256	597	681	256	597	681
HV--4		Rural										
		Urban										
	(A)	For supply at 11kV		130	137	144	130	137	144	130	137	144
	(B)	For supply above 11kV and upto 66kV		0	3	3	0	3	3	0	3	3
	(C)	For supply above 66kV and upto 132kV		14	15	15	14	15	15	14	15	15
SUB TOTAL		LIFT IRRIGATION & P. CANAL ABOVE 100 BHP (75kW) (HV-4)		144	154	161	144	154	161	144	154	161
EXTRA STATE		Rural										
		Urban										
	(A)	EXTRA STATE & OTHERS		-	-	-	-	-	-	-	-	-
SUB TOTAL		EXTRA STATE CONSUMERS		-	-	-	-	-	-	-	-	-
BULK		Rural										
		Urban										
	(A)	NPCL		-	-	-	-	-	-	-	-	-

Agra Discom			Projected Sales			Projected (Impact of Running Hours on Sales)			Projected (Impact of Demand Side Management on Sales)		
SUPPLY TYPE	CAT	CATEGORY	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
	(B)	KESCO		-	-	-	-	-	-	-	-
SUB TOTAL		BULK SUPPLY		-	-	-	-	-	-	-	-
		GRAND TOTAL	13,494	17,100	18,926	13,494	17,069	20,552	13,494	17,069	20,552

अधिकाारी अधिवक्ता (वाणिज्य)
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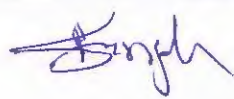
6.3 ACTUAL BILLING DETERMINANTS FOR FY 2014-15

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.	AGRA 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	696,630	907,381	966
		(ii)	Metered	842,038	1,116,364	1,191
	(B)	Supply at Single Point for Bulk Load		78	54,440	163
	(C1)	Other Metered Domestic Consumers		1,112,304	1,952,425	2,169
	(C2)	Life Line Consumers/BPL		220,998	281,277	220
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)		2,872,048	4,311,886	4,708
LMV--2	(A)	Consumer getting supply as per "Rural Schedule"				
		(i)	Un-metered	3,855	7,487	9
		(ii)	Metered	81,006	201,444	283
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex		9,801	29,508	22
	(C)	Other Metered Non-Domestic Supply		170,594	419,019	526
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)		265,256	657,458	840
LMV--3	(A)	Un-metered Supply				
		(i)	Gram Panchyat	200	1,676	6
		(ii)	Nagar Palika & Nagar Panchyat	923	8,712	30
		(iii)	Nagar Nigam	41	2,103	9
	(B)	Metered Supply				
		(i)	Gram Panchyat	185	10,258	44
		(ii)	Nagar Palika & Nagar Panchyat	110	9,080	31
		(iii)	Nagar Nigam	9	1,125	5
SUB TOTAL		PUBLIC LAMPS (LMV-3)		1,468	32,954	126
LMV--4	(A)	Public Institution(4 A)		19,523	101,104	265
	(B)	Private Institution(4 B)		6,670	48,026	100
SUB TOTAL		LIGHT, FAN & POWER FOR PUB./PRIV. INST.(LMV-4)		26,193	149,130	366
LMV--5	(A)	Rural Schedule				
		(i)	Un metered Supply	132,076	984,847	1,395
		(ii)	Metered Supply	6,831	50,472	123
	(B)	Urban Schedule				
		(i)	Metered Supply	66,421	494,068	1,242
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)		205,328	1,529,387	2,759
LMV--6	(A)	Small & Medium Power (Power Loom)				
		(i)	Rural Schedule	5,671	48,880	43

SUPPLY TYPE	CATG.	AGRA DISCOM FY 2014-15		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
		(ii)	Urban Schedule	3,402	43,248	79
	(B)	Small & Medium Power				
		(i)	Rural Schedule	9,503	62,717	75
		(ii)	Urban Schedule	30,671	282,497	424
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)		49,247	437,342	620
LMV--7	(A)	Rural Schedule				
		(i)	Jal Nigam	2,378	14,798	83
		(ii)	Jal Sansthan	781	8,776	56
		(iii)	Others (Water Works)	1,392	5,327	15
	(B)	Urban Schedule				
		(i)	Jal Nigam	434	6,992	52
		(ii)	Jal Sansthan	952	20,894	87
		(iii)	Others (Water Works)	381	15,257	40
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)		6,318	72,044	334
LMV--8	(A)	Metered Supply		2,324	59,402	283
	(B)	Un-metered Supply				
		(i)	STW, Panchayat Raj WB I. Duch P.C, L I upto 100 BHP	4,920	96,809	337
		(ii)	Laghu Dal Nahar above 100 BHP	68	1,887	3
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)		7,312	158,098	623
LMV--9	(A)	Metered Supply				
		(i)	Individual Residential Consumers	2,058	6,921	15
		(ii)	Others	-	-	-
	(B)	Un-metered Supply				
		(i)	Ceremonies	300	1,098	4
		(ii)	Temporary Shops	-	-	-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)		2,358	8,019	19
LMV--10	(A)	Serving				
		(i)	Class IV Employees	3,478	10,942	18
		(ii)	Class III Employees	4,764	13,085	15
		(iii)	Junior Engineers & Equivalent	456	1,670	2
		(iv)	Assistant Engineers & Equivalent	398	1,701	3
		(v)	Executive Engineers & Equivalent	142	695	1
		(vi)	Deputy General Manager & Equivalent	48	185	0
		(vii)	CGM/GM & Equivalent posts and above	22	75	0
	(B)	Total Pensioner & Family Pensioner		7,865	24,270	53
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)		17,173	52,622	94


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SUPPLY TYPE	CATG.	AGRA DISCOM FY 2014-15		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
HV--1	(A)	Urban Schedule				
		(i)	For supply at 11kV	483	130,290	204
		(ii)	For supply at 33 kV & above	18	15,864	49
	(B)	Rural Schedule				
		(i)	For supply at 11kV	-	-	8
		(ii)	For supply at 33 kV & above	-	-	1
SUB TOTAL	NON INDUSTRIAL BULK LOADS (HV-1)			501	146,154	263
HV--2	(A)	Urban Schedule				
		(i)	For supply at 11kV	1,885	442,123	1,156
		(ii)	For supply above 11kV and upto & Including 66kV	253	187,098	678
		(iii)	For supply above 66kV and upto & Including 132kV	2	30,330	157
		(iv)	For supply above 132kV	3	52,590	267
	(B)	Rural Schedule				
		(i)	For supply at 11kV	235	54,933	85
		(ii)	For supply above 11kV and upto & Including 66kV	2	174	0
SUB TOTAL	LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)			2,380	767,248	2,342
HV--3	(A)	For supply at and above 132kV		6	97,750	183
	(B)	For supply below 132kV		2	24,750	74
	(C)	For Delhi Metro Rail		-	-	-
SUB TOTAL	RAILWAY TRACTION (HV-3)			8	122,500	256
HV--4	(A)	For supply at 11kV		36	20,921	130
	(B)	For supply above 11kV and upto 66kV		1	143	0
	(C)	For supply above 66kV and upto 132kV		1	9,350	14
SUB TOTAL	LIFT IRRIGATION & P C ABOVE 100 BHP (75kW) (HV-4)			38	30,414	144
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				3,455,628	8,475,256	13,494

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:

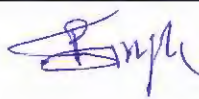

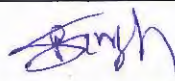
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Table 6-14: Estimated Billing Determinant for FY 2015-16

SUPPLY TYPE	CATG.	AGRA 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	682,697	914,496	1,185
		(ii)	Metered	1,330,420	1,898,084	2,258
	(B)	Supply at Single Point for Bulk Load		92	49,707	0
	(C1)	Other Metered Domestic Consumers		1,223,534	2,147,667	2,486
	(C2)	Life Line Consumers/BPL		243,098	309,404	474
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)		3,479,842	5,319,359	6,403
LMV--2	(A)	Consumer getting supply as per "Rural Schedule"				
		(i)	Un-metered	4,048	7,861	10
		(ii)	Metered	82,626	205,473	283
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex		10,291	30,984	45
	(C)	Other Metered Non-Domestic Supply		179,124	447,359	588
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)		276,089	691,677	927
LMV--3	(A)	Un-metered Supply				
		(i)	Gram Panchyat	240	2,011	7
		(ii)	Nagar Palika & Nagar Panchyat	932	8,799	38
		(iii)	Nagar Nigam	47	4,172	18
	(B)	Metered Supply				
		(i)	Gram Panchyat	187	19,806	126
		(ii)	Nagar Palika & Nagar Panchyat	116	12,267	49
		(iii)	Nagar Nigam	9	1,181	6
SUB TOTAL		PUBLIC LAMPS (LMV-3)		1,531	48,236	244
LMV--4	(A)	Public Institution(4 A)		20,499	100,297	309
	(B)	Private Institution(4 B)		6,803	48,986	102
SUB TOTAL		LIGHT, FAN & POWER FOR PUB./PRIV. INST.(LMV-4)		27,303	149,283	411
LMV--5	(A)	Rural Schedule				
		(i)	Un metered Supply	136,738	1,019,612	1,682
		(ii)	Metered Supply	7,173	52,996	129
	(B)	Urban Schedule				
		(i)	Metered Supply	70,406	523,712	1,316
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)		214,317	1,596,320	3,127


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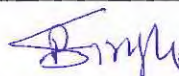
SUPPLY TYPE	CATG.	AGRA DISCOM FY 2015-16		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
LMV--6	(A)	Small & Medium Power (Power Loom)				
		(i)	Rural Schedule	5,955	51,324	88
		(ii)	Urban Schedule	3,606	35,762	65
	(B)	Small & Medium Power				
		(i)	Rural Schedule	10,073	66,480	114
		(ii)	Urban Schedule	31,898	302,403	454
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)		51,532	455,969	721
LMV--7	(A)	Rural Schedule				
		(i)	Jal Nigam	2,854	32,125	181
		(ii)	Jal Sansthan	875	9,829	63
		(iii)	Others (Water Works)	1,559	5,966	17
	(B)	Urban Schedule				
		(i)	Jal Nigam	477	7,691	58
		(ii)	Jal Sansthan	1,028	38,648	128
		(iii)	Others (Water Works)	396	15,867	52
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)		7,189	110,127	498
LMV--8	(A)	Metered Supply		2,440	71,830	357
	(B)	Un-metered Supply				
		(i)	STW, Panchayat Raj WB I. Duch P.C, L I upto 100 BHP	5,018	98,745	322
		(ii)	Laghu Dal Nahar above 100 BHP	68	8,160	4
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)		7,527	178,735	684
LMV--9	(A)	Metered Supply				
		(i)	Individual Residential Consumers	2,161	5,964	19
		(ii)	Others	-	-	-
	(B)	Un-metered Supply				
		(i)	Ceremonies	315	1,153	7
		(ii)	Temporary Shops	-	-	-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)		2,476	7,117	26
LMV--10	(A)	Serving				
		(i)	Class IV Employees	3,601	11,330	19
		(ii)	Class III Employees	4,955	14,526	15
		(iii)	Junior Engineers & Equivalent	488	1,787	3
		(iv)	Assistant Engineers &	410	1,954	3

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SUPPLY TYPE	CATG.	AGRA DISCOM FY 2015-16		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
			Equivalent			
		(v)	Executive Engineers & Equivalent	151	737	1
		(vi)	Deputy General Manager & Equivalent	50	179	0
		(vii)	CGM/GM & Equivalent posts and above	22	77	0
	(B)	Total Pensioner & Family Pensioner		8,022	33,148	55
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)		17,699	63,736	97
HV--1	(A)	Urban Schedule				
		(i)	For supply at 11kV	517	139,410	324
		(ii)	For supply at 33 kV & above	19	16,340	60
	(B)	Rural Schedule				
		(i)	For supply at 11kV	-	-	-
		(ii)	For supply at 33 kV & above	-	-	-
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)		535	155,750	384
HV--2	(A)	Urban Schedule				
		(i)	For supply at 11kV	2,111	495,177	1,339
		(ii)	For supply above 11kV and upto & Including 66kV	263	194,582	767
		(iii)	For supply above 66kV and upto & Including 132kV	2	33,363	173
		(iv)	For supply above 132kV	3	53,116	346
	(B)	Rural Schedule				
		(i)	For supply at 11kV	259	60,426	172
		(ii)	For supply above 11kV and upto & Including 66kV	2	176	1
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)		2,640	836,840	2,797
HV--3	(A)	For supply at and above 132kV		7	112,413	481
	(B)	For supply below 132kV		2	27,225	116
	(C)	For Delhi Metro Rail		-	-	-
SUB TOTAL		RAILWAY TRACTION (HV-3)		9	139,638	597
HV--4	(A)	For supply at 11kV		38	21,967	137
	(B)	For supply above 11kV and upto 66kV		1	147	3

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SUPPLY TYPE	CATG.	AGRA DISCOM FY 2015-16	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
	(C)	For supply above 66kV and upto 132kV	1	9,350	15
SUB TOTAL		LIFT IRRIGATION & P C ABOVE 100 BHP (75kW) (HV-4)	40	31,464	154
EXTRA STATE	(A)	EXTRA STATE & OTHERS	-	-	-
SUB TOTAL		EXTRA STATE CONSUMERS	-	-	-
BULK	(A)	Torrent	-	-	-
	(B)	KESCO	-	-	-
SUB TOTAL		BULK SUPPLY	-	-	-
GRAND TOTAL			4,088,728	9,784,252	17,069

 (अनाकर सिंह)
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6.5 PROJECTED BILLING DETERMINANTS FOR FY 2016-17

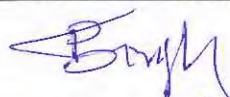
The projected category-wise billing determinants for the FY 2016-17 is placed in the table below:

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

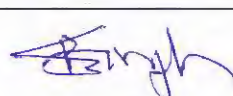
SUPPLY TYPE	CATG.	AGRA DISCOM FY 2016-17		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
LMV--1	(A)	Consumer getting supply as per "Rural Schedule"				
		(i)	Un-metered	669,043	896,206	1,161
		(ii)	Metered	1,835,980	2,619,356	3,957
	(B)	Supply at Single Point for Bulk Load		109	58,655	0
	(C1)	Other Metered Domestic Consumers		1,345,888	2,362,434	3,102
	(C2)	Life Line Consumers/BPL		267,408	340,345	555
SUB TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)		4,118,427	6,276,996	8,776
LMV--2	(A)	Consumer getting supply as per "Rural Schedule"				
		(i)	Un-metered	4,250	8,254	11
		(ii)	Metered	84,279	209,582	364
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex		10,806	32,533	58
	(C)	Other Metered Non-Domestic Supply		188,080	469,727	684
SUB TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)		287,414	720,096	1,118
LMV--3	(A)	Un-metered Supply				
		(i)	Gram Panchyat	288	2,413	9
		(ii)	Nagar Palika & Nagar Panchyat	942	8,887	38
		(iii)	Nagar Nigam	54	4,798	21
	(B)	Metered Supply				
		(i)	Gram Panchyat	189	20,004	130
		(ii)	Nagar Palika & Nagar Panchyat	121	12,880	65
		(iii)	Nagar Nigam	10	1,240	6
SUB TOTAL		PUBLIC LAMPS (LMV-3)		1,604	50,223	269
LMV--4	(A)	Public Institution(4 A)		21,524	105,312	400
	(B)	Private Institution(4 B)		6,939	49,966	125
SUB TOTAL		LIGHT, FAN & POWER FOR PUB./PRIV. INST.(LMV-4)		28,464	155,278	525
LMV--5	(A)	Rural Schedule				
		(i)	Un metered Supply	141,565	1,055,605	1,742
		(ii)	Metered Supply	7,531	55,645	135
	(B)	Urban Schedule				
		(i)	Metered Supply	74,631	555,135	1,395
SUB TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)		223,727	1,666,385	3,272

Signature
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SUPPLY TYPE	CATG.	AGRA DISCOM FY 2016-17		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
LMV--6	(A)	Small & Medium Power (Power Loom)				
		(i)	Rural Schedule	6,252	53,890	119
		(ii)	Urban Schedule	3,822	37,908	82
	(B)	Small & Medium Power				
		(i)	Rural Schedule	10,678	70,469	153
		(ii)	Urban Schedule	33,174	314,499	550
SUB TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)		53,926	476,766	903
LMV--7	(A)	Rural Schedule				
		(i)	Jal Nigam	3,424	38,550	217
		(ii)	Jal Sansthan	980	11,009	71
		(iii)	Others (Water Works)	1,746	6,682	19
	(B)	Urban Schedule				
		(i)	Jal Nigam	525	8,460	63
		(ii)	Jal Sansthan	1,110	41,740	138
		(iii)	Others (Water Works)	412	16,502	54
SUB TOTAL		PUBLIC WATER WORKS(LMV-7)		8,198	122,943	562
LMV--8	(A)	Metered Supply		2,562	75,422	375
	(B)	Un-metered Supply				
		(i)	STW, Panchayat Raj WB I. Duch P.C, L I upto 100 BHP	5,119	100,720	328
		(ii)	Laghu Dal Nahar above 100 BHP	68	8,160	4
SUB TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)		7,749	184,302	708
LMV--9	(A)	Metered Supply				
		(i)	Individual Residential Consumers	2,269	6,262	22
		(ii)	Others	-	-	-
	(B)	Un-metered Supply				
		(i)	Ceremonies	331	1,211	8
		(ii)	Temporary Shops	-	-	-
SUB TOTAL		TEMPORARY SUPPLY (LMV-9)		2,600	7,472	30
LMV--10	(A)	Serving				
		(i)	Class IV Employees	3,729	11,732	23
		(ii)	Class III Employees	5,153	15,107	18
		(iii)	Junior Engineers & Equivalent	522	1,912	3
		(iv)	Assistant Engineers & Equivalent	422	2,012	4
		(v)	Executive Engineers & Equivalent	160	781	2
		(vi)	Deputy General Manager & Equivalent	53	188	0
		(vii)	CGM/GM & Equivalent	23	78	0

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SUPPLY TYPE	CATG.	AGRA DISCOM FY 2016-17		CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
			posts and above			
	(B)	Total Pensioner & Family Pensioner		8,183	33,811	63
SUB TOTAL	DEPARTMENTAL EMPLOYEES (LMV-10)			18,244	65,620	113
HV--1	(A)	Urban Schedule				
		(i)	For supply at 11kV	553	149,169	347
		(ii)	For supply at 33 kV & above	19	16,830	62
	(B)	Rural Schedule				
		(i)	For supply at 11kV	-	-	-
		(ii)	For supply at 33 kV & above	-	-	-
SUB TOTAL	NON INDUSTRIAL BULK LOADS (HV-1)			572	165,999	409
HV--2	(A)	Urban Schedule				
		(i)	For supply at 11kV	2,365	554,599	1,499
		(ii)	For supply above 11kV and upto & Including 66kV	274	202,365	798
		(iii)	For supply above 66kV and upto & Including 132kV	2	36,699	190
		(iv)	For supply above 132kV	3	53,647	349
	(B)	Rural Schedule				
		(i)	For supply at 11kV	284	66,469	189
		(ii)	For supply above 11kV and upto & Including 66kV	2	177	1
SUB TOTAL	LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)			2,930	913,957	3,026
HV--3	(A)	For supply at and above 132kV		8	129,274	553
	(B)	For supply below 132kV		2	29,948	128
	(C)	For Delhi Metro Rail		-	-	-
SUB TOTAL	RAILWAY TRACTION (HV-3)			10	159,222	681
HV--4	(A)	For supply at 11kV		40	23,065	144
	(B)	For supply above 11kV and upto 66kV		1	152	3
	(C)	For supply above 66kV and upto 132kV		1	9,350	15
SUB TOTAL	LIFT IRRIGATION & P C ABOVE 100 BHP (75kW) (HV-4)			42	32,567	161
EXTRA STATE	(A)	EXTRA STATE & OTHERS		-	-	-
SUB TOTAL	EXTRA STATE CONSUMERS			-	-	-
BULK	(A)	Torrent		-	-	-
	(B)	KESCO		-	-	-
SUB TOTAL	BULK SUPPLY			-	-	-
GRAND TOTAL				4,753,907	10,997,826	20,552


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6.6 SALES FORECAST AND ENERGY BALANCE

The actual Distribution Losses in FY 2014-15 were 29.49%. The Petitioner estimates its Distribution losses at 29.00% for FY 2015-16. In the ensuing year FY 2016-17, the Petitioner has projected a Distribution loss of 26.00%. 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	19,138.36	24,041.27	27,772.84
Line Losses	MU	5,644.23	6,971.97	7,220.94
Sales	MU	13,494.13	17,069.30	20,551.90
Distribution Losses	%	29.49%	29.00%	26.00%

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	2,355.72	6,403.38	3.68
(a) Consumer getting supply as per "Rural Schedule"	762.91	3,443.42	2.22
(b) Supply at Single Point for Bulk Loads	5.23	0.28	185.29
(c) Other Metered Domestic Consumers	1,470.05	2,486.14	5.91
(d) Life Line Consumers	117.53	473.53	2.48
LMV-2: Non Domestic Light, Fan & Power	714.68	926.82	7.71
(a) Non-Domestic(Rural)	103.24	293.63	3.52
(b) Private Advertisements/Sign Boards/Glow Signs/Flex	80.71	44.84	18.00
(c) Non-Domestic (Urban Metered)	530.72	588.36	9.02
LMV-3: Public Lamps	152.87	243.67	6.27

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Consumer Category	Assessment Revenue	Electricity Sales	Through Rate
LMV-4: Institutions	320.18	410.61	7.80
(a) Public Institution	234.01	308.51	7.59
(b) Private Institution	86.17	102.10	8.44
LMV-5: Private Tube Wells	868.67	3,127.07	2.78
(a) Rural	137.13	1,810.91	0.76
(b) Urban	731.54	1,316.16	5.56
LMV 6: Small and Medium Power	597.96	720.72	8.30
LMV-7: Public Water Works	369.22	498.17	7.41
LMV-8: State Tubewells & Pumped Canals	491.19	683.56	7.19
LMV-9: Temporary Supply	51.65	25.85	19.98
LMV-10: Deptt. Empl. & Pensioners	18.78	96.95	1.94
HV-1: Non-Industrial Bulk Load	321.61	384.15	8.37
HV-2: Large & Heavy Power	1,989.61	2,796.92	7.11
HV-3: Railway Traction	429.28	597.05	7.19
HV-4: Lift Irrigation Works	112.85	154.38	7.31
Sub Total	8,794.28	17,069.30	5.15
Bulk & Extra State	-	-	-
Total	8,794.28	17,069.30	5.15

6.8 PROJECTED REVENUE ASSESSMENT FOR FY 2016-17

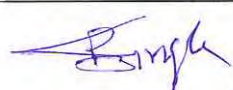
The table below presents the projected revenue assessment for FY 2016-17 on current tariff based Tariff Order for FY 2015-16 dated 18th June 2015.

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	3,306.77	8,775.67	3.77
(a) Consumer getting supply as per "Rural Schedule"	1,356.85	5,118.38	2.65
(b) Supply at Single Point for Bulk Loads	6.18	0.35	175.62
(c) Other Metered Domestic Consumers	1,807.05	3,102.23	5.83
(d) Life Line Consumers	136.69	554.71	2.46
LMV-2: Non Domestic Light, Fan & Power	849.27	1,117.65	7.60
(a) Non-Domestic (Rural)	127.94	375.01	3.41
(b) Private Advertisements/Sign Boards/Glow Signs/Flex	105.21	58.45	18.00
(c) Non-Domestic (Urban Metered)	616.12	684.19	9.01
LMV-3: Public Lamps	168.91	269.33	6.27

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Consumer Category	Assessment Revenue	Electricity Sales	Through Rate
LMV-4: Insitutions	393.29	524.67	7.50
(a) Public Institution	284.68	399.77	7.12
(b) Private Institution	95.98	124.90	7.68
LMV-5: Private Tube Wells	917.62	3,271.86	2.80
(a) Rural	142.19	1,876.73	0.76
(b) Urban	775.43	1,395.13	5.56
LMV 6: Small and Medium Power	726.66	903.11	8.05
LMV-7: Public Water Works	415.48	562.01	7.39
LMV-8: State Tubewells & Pumped Canals	508.47	707.87	7.18
LMV-9: Temporary Supply	55.73	29.79	18.71
LMV-10: Deptt. Empl. & Pensioners	19.89	113.06	1.76
HV-1: Non-Industrial Bulk Load	342.26	408.63	8.38
HV-2: Large & Heavy Power	2,157.74	3,026.17	7.13
HV-3: Railway Traction	489.36	680.79	7.19
HV-4: Lift Irrigation Works	117.85	161.29	7.31
Sub Total	10,456.65	20,551.90	5.09
Bulk & Extra State	-	-	-
Total	10,456.65	20,551.90	5.09

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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

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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

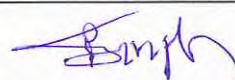
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Table 7-1: Escalation Index for FY 2015-16

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

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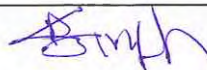
7.2 POWER PURCHASE COSTS

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 2015-16 and 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.

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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
Harduagunj	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									

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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	0.71	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

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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	2,012	1.06	213	1.45	292	2.51	505	2.51
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, 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	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	21259	110231		11,737.79		29,687.0		41,424.82	3.76

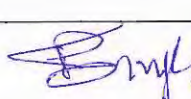
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Table 7-4: Details of Power Procurement Cost for FY-2016-17


Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. 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	

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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)
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
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

Prakash Singh
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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)
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
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, Jhajhhar	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


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 अधिशासी अभियन्ता (विनिर्माण)
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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)
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

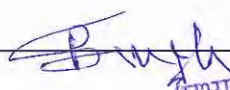
As can be seen from table above power purchase cost is projected to be Rs. 49,848.13 crore in FY 2016-17. The inter-state transmission charges (PGCIL) are envisaged to be Rs. 3,000.00 crore. Thus, the total power procurement cost including PGCIL charges are projected to be Rs. 52,848 crore at overall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


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 अधिशासी अभियन्ता (वाणिज्य)
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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	17,069.30	20,551.90
Distribution Loss (%)	B	29.00%	26.00%
Distribution Loss (MU)	$C = A/(1-B) - A$	6,971.97	7,220.94
Power Purchase Required (MU)	$D = A + C$	24,041.27	27,772.84
Bulk Power Purchase Rate (Rs/kWh)	E	4.22	4.44
Power Purchase Cost (Rs Crore)	$F = D \times E / 10$	10,142.16	12,331.90

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. 0.1936 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.



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Table 7-7: Projected Transmission Charges

Particulars		FY 2015-16	FY 2016-17
Energy Procured (MU)	A	24,041	27,773
Transmission Tariff (Rs/kWh)	B	0.173	0.1936
Transmission Cost (Rs Crore)	$C=A \times B / 10$	414.90	537.62

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

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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.

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)."*

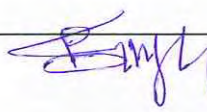
Considering the above the incremental O&M has been worked out in following table. The same are allocated across the individual elements of the O&M on the basis of contribution of each element in the gross O&M expenses excluding the incremental O&M expenses.

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	230.71	1553.05
Incremental O&M Expenses	5.77	38.83
(a) Employee Costs	2.31	15.52
(b) A&G Expenses	0.69	5.17
(c) R&M Expenses	2.77	18.13

7.5 O&M EXPENSES FOR FY 2016-17

The Petitioner has computed the allowable O&M expenses up to FY 2016-17 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 2016-17 as computed in Section titled 'Escalation / Inflation Index' above.


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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	254.91	305.09	307.90
Incremental Employee Expenses @ 2.5% of GFA additions of preceding year	-	2.31	15.52
Gross Employee Expenses	254.91	307.40	323.42
Employee expenses capitalized	116.95	46.11	48.51
Net Employee Expenses	137.96	261.29	274.91
A&G Expenses			
Gross A&G Expenses	118.76	88.88	89.70
Incremental Employee Expenses @ 2.5% of GFA additions of preceding year	-	2.77	18.13
Gross A&G Expenses	118.76	91.65	107.83
A&G expenses capitalized	35.57	13.75	16.17
Net A&G Expenses	83.19	77.91	91.65
R&M Expenses			
Repair & Maintenance Expenditure	315.24	369.22	372.62
Incremental Employee Expenses @ 2.5% of GFA additions of preceding year	-	0.69	5.17
Gross Repair & Maintenance Expenses	315.24	369.91	377.80
Total O&M Expenses Allowable as per Regulations	536.39	709.10	744.36

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, based on specific submissions by the Petitioner in this regard.

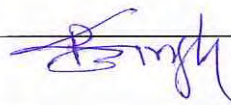
7.6 CAPITAL EXPENDITURE, CAPITAL FORMATION ASSUMPTION AND GROSS FIXED ASSET (GFA) BALANCES.

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)


(प्रभाकर सिंह)
अधिकासी अभियन्ता (वाणिज्य)
दणविनिगलिग आगर

Description	Unit	No./ Quantity	Capital Expenditure			
			Loans	Equity / Internal Accruals	Deposit Works	Total
33 KV New Work						
(a) 33 KV Line	Km.	493.92	52.93	22.68		75.61
(b) 33/11 KV S/s (Excluding civil works)	Nos./MVA	55/275	158.57	67.96		226.52
33/11 KV Increasing Capacity	Nos./MVA	50/250	31.66	13.57		45.23
33 KV line & S/s Strengthening (Replacement of higher capacity of conductor, poles, S/s apparatus etc.)	Km.	54	3.42	1.47		4.89
11 KV New Works		-				0.00
(a) 11 KV New line (Vifercatin of feeders, linkline etc.)	Km.	1013	38.48	16.49		54.97
(b) 11/0.4 KV S/s						0.00
(i) 11/0.4 KV S/s	Nos./KVA	608	15.39	6.59		21.98
(ii) 11/0.4 KV S/s (SC Dominated)	Nos./KVA	150	3.80	1.63		5.43
11/0.4 KV S/s increasing capacity						0.00
(i) 11/0.4 KV S/s increasing capacity	Nos./KVA	608	7.70	3.30		11.00
(ii) 11/0.4 KV S/s increasing capacity (SC Dominated)	Nos./KVA	150	1.90	0.81		2.71
Strengthening of 11 KV line & 11/0.4 KV S/s etc.						
(i) Strengthening of 11 KV line & 11/0.4 KV S/s etc.	Nos./Km	400/600	12.67	5.43		18.09
(ii) Strengthening of 11 KV line & 11/0.4 KV S/s etc. (SC Dominated)	Nos./Km	150/200	4.75	2.04		6.78
Saparation of Villages from P.T.W., S.T.W. etc. (Saparation of feeders) against Sanction scheme 1500 crore out of which 40% work will be proposed to be completed in this year.	-	-				0.00
Replace of old & damage of 11 KV capacitors & other pertaining equipment 50%	Nos.	405	15.39	6.59		21.98
Providing new 11 KV capacitors 10% of S/s	Nos.	68	3.42	1.47		4.89
Construction of new L.T. line						
(i) Construction of new L.T. line	Km.	675	21.38	9.16		30.54
(ii) Construction of new L.T. line (SC Dominated)	Km.	200	6.33	2.71		9.05


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दवाविनिर्माण आगरा

Description	Unit	No./ Quantity	Capital Expenditure			
			Loans	Equity / Internal Accruals	Deposit Works	Total
Strengthening of L.T. line (Replacing of damage conductor/pole jarjer replacement of higher capacity of conductor broken pole/wooden pole, Additional pole in long span & other access etc.	Km.	1200	15.20	6.51		21.71
Replacement of damage/very old OCB/VCB and other equipments as well as by high capacity.	Nos.	80	5.07	2.17		7.24
Construction - major workshop. Including civil work	Nos.	3	3.80	1.63		5.43
Strengthening of working workshop, store, other T&P etc. Including civil works	Nos.	15	13.93	5.97		19.90
Arrange of stair mounted (Hydraulic vehicle & Jeeps)	Nos.	45	6.84	2.93		9.77
Non Residential & Residential new work.	Nos.	-	6.33	2.71		9.05
Strengthening/Maintenance of Non Residential & Residential building/S/s etc.	No.	-	7.86	3.37		11.24
Improvement of billing of R/L areas		-	6.33	2.71		9.05
Reduction of commercial losses, providing pilfer proof metering against all category consumers.		-	3.17	1.36		4.52
Providing of double meter in all category with modem	Nos.	-	6.33	2.71		9.05
Providing Electronic meter at S.T.W. consumers 10% in this year.	Nos.	605	0.46	0.20		0.65
System Augmentation of Distribution Network	Nos.	50	473.27	202.83		676.10
Arrangement of prepaid meter (1-Æ & 3-Æ)	Nos.	-	2.53	1.09		3.62
Any other works which fall under network strengthening of Transformer repairing workshop and manufacturing of PCC Pole at different units.						0.00
(a) Repairing of Transformers	W	7000	5.32	2.28		7.60
(b) PCC Pole manufacturing.	Nos.	65000	14.82	6.35		21.17
Capital Investment through Support under Vyapar Vikas Nidhi			323.34	138.57		461.91

[Signature]
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 (12/11/16 09:10:00)
 अधिशासी अभियन्ता (वाणिज्य)
 दक्षिण क्षेत्र, अमरावती

(प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दक्षिण क्षेत्र, अमरावती

Description	Unit	No./ Quantity	Capital Expenditure			
			Loans	Equity / Internal Accruals	Deposit Works	Total
R-APDRP Part A			29.25	12.54		41.79
R-APDRP Part B			168.38	72.16		240.54
Deposit Works					400.00	400.00
Total			1470	630	400	2500

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. 2,241.94 crore out of which works through deposit works have been envisaged at Rs. 336.29 crore.
- The Petitioner envisages a capital investment of Rs. 2,500 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	1,495.75	2,329.58
Investments	B	2,241.94	2,500.00
Employee Expenses Capitalisation	C	46.11	48.51

Particulars	Derivation	FY 2015-16 Revised Estimates	FY 2016-17 ARR
A&G Expenses Capitalisation	D	13.75	16.17
Interest Capitalisation on Interest on long term loans	E	85.08	113.09
Total Investments	F= A+B+C+D+E	3,882.63	5,007.35
Transferred to GFA (Total Capitalisation)	G=F*40%	1,553.05	2,002.94
Closing WIP	H= F-G	2,329.58	3,004.41

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 for FY 2015-16 & FY 2016-17

(All figures in Rs Crore)

Particulars	Derivation	FY 2015-16 Revised Estimates	FY 2016-17 ARR
Opening GFA	A	5,292.75	6,845.80
Additional to GFA during the year	B	1,553.05	2,002.94
Closing GFA	C=A+B	6,845.80	8,848.75

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 2016-17 (Rs Crore)

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(प्रभाकर सिंह)
अधिसासी अभियन्ता (वैधानिक)
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Particulars	2014-15	2015-16	2016-17
Opening Balance of Consumer Contributions, Grants and Subsidies towards Cost of Capital Assets	1,185.10	1,395.74	1,602.96
Additions during the year	273.42	336.29	400.00
Less: Amortisation	62.79	129.07	166.88
Closing Balance	1,395.74	1,602.96	1,836.08

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

Particulars	Derivation	2013-14	2014-15	2015-16
Investment	A	1,384.79	2,241.94	2,500.00
Less:		-	-	-
Consumer Contribution	B	273.42	336.29	400.00
Investment funded by debt and equity	C=A-B	1,111.37	1,905.65	2,100.00
Debt Funded	70%	777.96	1,333.96	1,470.00
Equity Funded	30%	333.41	571.70	630.00

Thus, the Petitioner submits that out of the capital investment of Rs. 2,500 crore in FY 2016-17, the capital investment through deposit works would be to the tune of Rs. 400 crore. Balance Rs. 2,100 crore has been considered to be funded through debt and equity. Considering a debt equity ratio of 70:30, Rs. 1,470 crore or 70% of the capital investment is proposed to be funded through debt and balance 30% equivalent to Rs. 630 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. 615.23 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	5,292.75	6,845.80
Additional to GFA during the year	C	1,553.05	2,002.94
Depreciation on Opening GFA + Additions during the year	$D=(A*B)+(C*A/2)$	475.83	615.23

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. 129.07 crore and Rs. 166.88 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	475.80	615.20
Less: Equivalent amount of depreciation on assets acquired out of the Consumer Contribution and GoUP	129.07	166.88

(प्रभाकर सिंह)
अधिसूचक अभियन्ता (कामिन्स)
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Particulars	FY 2015-16 Revised Estimates	FY 2016-17 ARR
Subsidy		
Net Allowable Depreciation	346.74	448.32

7.9 INTEREST ON LONG TERM LOANS

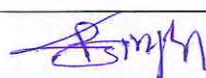
It is reiterated that the Petitioner has considered a normative tariff approach with a gearing of 70:30. In this approach, 70% of the capital expenditure undertaken in any year has been considered to be financed through loan and balance 30% has been considered to be funded through equity contributions. 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	2,115.37	3,102.59
Loan Additions (70% of Investments)	1,333.96	1,470.00
Less: Repayments (Depreciation allowable for the year)	346.74	448.32
Closing Loan Balance	3,102.59	4,124.27
Weighted Average Rate of Interest	11.92%	11.92%
Interest on long term loan	369.89	491.70
Interest Capitalisation Rate	23.00%	23.00%
Less: Interest Capitalized	85.08	113.09
Net Interest Charged	284.82	378.61


(प्रभाकर सिंह)
अधिसूचक अभियन्ता (वाणिज्य)
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7.10 FINANCE CHARGES

The Petitioner has projected finance charges towards expenses such as guarantee fees and bank charges to the tune of Rs. 0.170 crore and Rs. 0.172 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"*

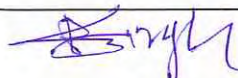
Accordingly the interest to consumers on the security deposits has been computed on the Opening Balance of the Security Deposits at the beginning of the year at the bank rate of 8.50% for FY 2015-16 and 7.75% for FY 2016-17. However, the same shall be trued up based on audited accounts. The opening balances 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	406.10	468.83
Additions during the year	62.72	58.15
Closing Balance for Security Deposit	468.83	526.98
Rate of Interest	8.50%	7.75%
Interest Paid / Payable on Security Deposits	37.18	38.59

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:


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
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- i. Operation and Maintenance expenses, which includes Employee costs, R&M expenses and A&G expenses, for one month;
- ii. One-twelfth of the sum of the book value of stores, materials and supplies at the end of each month of current financial year;
- iii. 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)

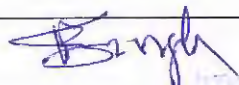
Particulars	FY 2015-16	FY 2016-17
	Revised Estimates	ARR
One month's O & M Expenses	64.08	67.42
One-twelfth of the sum of the book value of stores, materials and supplies at the end of each month of such financial year	15.57	17.36
Receivables equivalent to 60 days average billing of Beneficiaries	1,445.63	1,718.90
Gross Total	1,525.28	1,803.68
Security Deposits by the beneficiaries	468.83	526.98
Net Working Capital	1,056.46	1,276.71
Rate of Interest for Working Capital	12.50%	12.50%
Interest on Working Capital	132.06	159.59

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 2016-17 (Rs. Crore)

Particulars	FY 2014-15 (Revised Estimates)	FY 2015-16 (ARR)
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अधिकाारी अधिवक्ता (वाणिज्य)
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Particulars	FY 2014-15 (Revised Estimates)	FY 2015-16 (ARR)
Interest on Long term Loans	369.89	491.70
Interest on Working Capital Loans	132.06	159.59
Sub Total	501.95	651.29
Interest on Consumer Security Deposits	37.18	38.59
Bank Charges	0.17	0.17
Discount to Consumers		-
Sub Total	37.35	38.76
Gross Total Interest & Finance Charges	539.31	690.05
Less: Capitalization of interest on Long term Loans	85.08	113.09
Interest Capitalization Rate (%)	23.00%	23.00%
Net Interest & Finance Charges	454.23	576.96

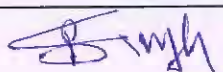
7.14 PROVISION FOR BAD AND DOUBTFUL DEBTS

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	6,212.83	7,049.36
Percentage of Debt allowed	2.00%	1.00%


(प्रकाश सिंह)
अधिकासी अभियन्ता (वाणिज्य)
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Particulars	FY 2015-16	FY 2016-17
Provision for Bad Debts	124.26	70.49

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 2015-16. The amount for FY 2015-16 and 2016-17 has been projected to grow at the rate of inflation index from the actual of FY 2014-15.

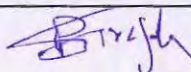
Table 7-22: Other Income (Rs Crore)

Particulars	FY 2014-15	FY 2015-16	FY 2016-17
Interest on fixed deposits	19.03	19.79	19.97
Interest from Banks other than Fixed Deposits	6.87	7.14	7.21
Interest on loans and Advances to staff	0.08	0.09	0.09
Interest on Advances to Suppliers / Contractors	9.62	10.01	10.10
Miscellaneous receipts	2.51	2.61	2.64
Total	38.11	39.64	40.00

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.*


 (प्रकाश सिंह)
 अधिशासी अभियन्ता (वित्तिय)।
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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 pro-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 2012-13 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



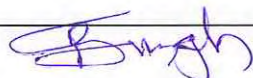
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O&M charges of UPPCL for FY 2015-16 is Rs. 39.12 crore and Rs. 40.02 crore for FY 2016-17. Accordingly the same have been considered as part of ARR to be recovered from retail consumers.

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. 1,142.73 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.



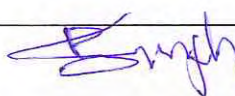
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7.20 ARR SUMMARY

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 Accounts)	FY 2015-16 (Revised Estimates)	FY 2016-17 (ARR)
Power Purchase (MU)	19,138	24,041	27,773
Units Sold (MU)	13,494	17,069	20,552
Power Procurement Cost from UPPCL	8,398.83	10,142.16	12,331.90
Transmission Charges	303.88	414.90	537.62
Employee Costs	254.91	307.40	323.42
A&G Costs	118.76	91.65	107.83
Repair & Maintenance Expense	315.24	369.91	377.80
Interest & Finance Charges	2,125.79	539.31	690.05
Provision for Bad and Doubtful Debts	2.84	124.26	70.49
Depreciation	168.67	346.74	448.32
Other (Misc.)-net prior period credit	202.87	-	-
Allocation of Interest Charges and O&M of UPPCL	38.15	39.12	40.02
Less: Interest & other expenses capitalised	152.52	144.93	177.78
Total Expenses	11,777.43	12,230.51	14,749.67
Less: Other Income	38.11	39.64	40.00
Less: GoUP Subsidy	976.82	1,069.22	1,142.73
Total Annual Revenue Requirement	10,762.51	11,121.65	13,566.93
Revenue from Existing Tariffs	5,348.02	8,794.28	10,456.65
Revenue Gap	5,414.49	2,327.37	3,110.28
Operational Gap funding from GoUP	2,440.45	-	-
Balance gap	2,974.04	2,327.37	3,110.28


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7.21 RETAIL AND WHEELING BUSINESS ARR SUMMARY

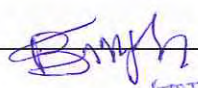
Clause 2.1(2) & (3) of the Distribution Tariff Regulations provide that ARR/Tariff filing by the Distribution Licensee shall separately indicate Aggregate Revenue Requirement (ARR) for Wheeling function and Retail Supply function embedded in the distribution function. Till such time complete segregation 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



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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


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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. 1,674.89 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	14,709.67
Less: Revenue Subsidy from GoUP	1,142.73
Less: Revenue from Existing Tariff	10,456.65
Revenue Gap for FY 2016-17	3,110.28


In addition to the above, the revenue gap as per true up petitions filed for FY 2013-14 is to the tune of Rs. 3,394.09. Thus, the total revenue gap which needs to be recovered by the Petitioner from its consumers is to the tune of Rs. 6,504.37 crore excluding carrying cost as shown in the table below::

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

Particulars	DVVNL
Revenue Gap as per True up Petition for 2013-14	3,394.09
Revenue Gap as per ARR for FY 2016-17	3,110.28
Total	6,504.37

Additionally, the un-recovered revenue gap towards prior years truing up to the tune of Rs. 7,212.41 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.

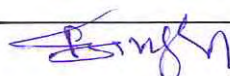
Once the decision on the retail tariff revision is taken by all state distribution companies together, given the requirement of uniform tariffs across the state, the Petitioner would, through an additional submission, ratify the applicability of the same rate schedule and would submit the estimates in 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.


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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.


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Appendix 1

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

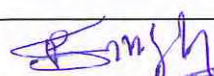
- Current long term allocation of allocated and unallocated power from State owned/ Central Sector generating stations and IPPs
- New generating capacity coming in ensuing year
- Indicated availability and plant load factors of various generators and
- Past availability trends and other relevant information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


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Particulars	Unit	2015-16	2016-17
		Revised Estimates	ARR Projections
Energy Required	MU	1,10,231	1,25,627
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.)	(Rs. / kWh)
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
Harduagunj	165	300	1.58	47.29	3.66	109.75	5.23	157.04	5.23

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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)
Obra A	288	533	1.25	66.70	2.55	136.25	3.81	202.95	3.81
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 UPRVNL - 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


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S. No.	Particulars	Assumption
		commissioned in January 2016. 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.


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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.)	
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


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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


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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

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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

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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

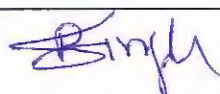
METHODOLOGY FOR POWER PURCHASE FROM NPCIL - FY 2016-17

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.)	
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


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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, Jhajhhar	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.


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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:

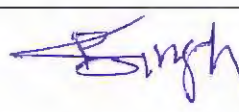
POWER PURCHASE COST: STATE CO-GENERATION FACILITIES FOR FY 2016-17

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

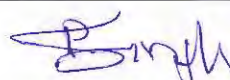
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SUMMARY OF POWER PURCHASE

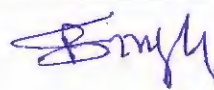
The total power purchase quantum available in megawatt (MW) terms from State owned generating stations, central generating stations and other sources along with the quantum and cost for FY 2015-16 and FY 2016-17 is presented in the table below:

SUMMARY OF POWER PURCHASE COST FY 2015-16

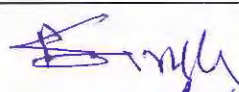
Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Procurement of power from State Sector Generating Stations									
Thermal Stations									
Anpara A	630	3,862	0.72	277	2.04	786	2.75	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									

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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	0.71	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
Kahalgao St. I	77	552	0.92	51	2.51	139	3.43	189	3.43
Kahalgao 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

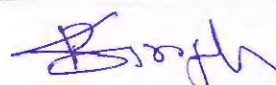

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Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
TALA POWER	45	181	-	-	2.13	39	2.13	39	2.13
Koteshwar	173	569	1.94	110	1.80	102	3.74	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, 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	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

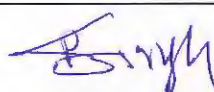

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SUMMARY OF POWER PURCHASE COST FY 2016-17

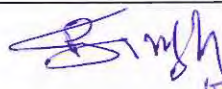
Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)
Procurement of power from State Sector Generating Stations									
Thermal Stations									
Anpara A	630	3,852	0.75	289	2.12	816	2.87	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


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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

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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


 (प्रभाकर सिंह)
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MERIT ORDER DISPATCH

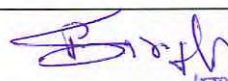
Merit Order Dispatch after evaluating the power purchase cost is given in the table below:

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	Kahalgaoon 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

(Signature)
 (अभिषेक सिंह)
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 दवा विभाग

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	Kahalgao 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


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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

अभिषेक (प्रमाणित)
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**ANNUAL REVENUE REQUIREMENT PETITION
FOR FY 2016-17**

**ANNEXURE - 1
TARIFF FILING FORMATS**

Annexure-1			
NAME OF DISTRIBUTION LICENSEE: DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED			
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 Assessment, Sales & Through Rate :FY 2015-16
36	Sheet	T4	Revenue Assessment, Sales & Through Rate :FY 2016-17


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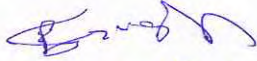
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Profit & Loss Account						Form St
S.No	Particulars	FY 2013-14 Audited	FY 2013-14 True-Up	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 ARR
A	Revenue					
1	Revenue from sale of power	4943.64	4943.64	5348.02	8794.28	10456.65
2	Other Non-tariff income	18.54	18.54	38.11	39.64	40.00
3	Revenue subsidies & grants	917.88	917.88	976.82	1069.22	1142.73
4	Revenue from Bulk Sales to Torrent Power Ltd	0.00	0.00	0.00	0.00	0.00
	Total Revenue or Income	5880.06	5880.06	6362.94	9903.13	11639.39
B	Expenditure*					
1	Purchase of Power from own and State Generating Stations	7980.02	7602.84	8398.83	10142.16	12331.90
2	Purchase of Power from Other Sources					
3	Intra-State Transmission Charges	248.89	353.03	303.88	414.90	537.62
4	Repairs and Maintenance	329.62	329.62	315.24	369.91	377.80
5	Employee costs	272.37	272.37	254.91	307.40	323.42
6	Administration and General expenses	79.35	79.35	118.76	91.65	107.83
7	Net prior period credit charges	855.94	27.53	202.87	0.00	0.00
8	Other Debits, Write-offs	31.10	91.66	2.84	124.26	70.49
9	Extraordinary items (specify items)	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	(131.29)	(131.29)	(152.52)	(59.86)	(64.69)
	Contingency Reserve	0.00	0.00	0.00	0.00	0.00
C	PBDIT	(3785.94)	(2745.04)	(3081.87)	(1487.29)	(2044.98)
D	Less Depreciation and Related debits	175.68	327.02	168.67	346.74	448.32
E	PBIT	(3961.63)	(3072.06)	(3250.55)	(1834.03)	(2493.30)
1	Interest & Finance Charges	1559.37	284.55	2125.79	539.31	690.05
2	Less: Interest Capitalized	0.00	0.00	0.00	(85.08)	(113.09)
F	Total Interest and Finance Charges	1559.37	284.55	2125.79	454.23	576.96
G	TOTAL EXPENDITURE	11401.06	9236.68	11739.28	12191.39	14709.65
H	Profit/Loss before Tax	(5521.00)	(3356.61)	(5376.34)	(2288.26)	(3070.26)
I	Add: Allocation of Interest Charges and O&M of UPPCL	0.00	37.48	38.15	39.12	40.02
J	Add: Efficiency Gains	0.00	0.00	0.00	0.00	0.00
	Operational Gap funding from GoUP	0.00	0.00	2440.45	0.00	0.00
K	Profit/Loss before Tax	(5521.00)	(3394.09)	(2974.04)	(2327.37)	(3110.28)

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Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Balance Sheet					Form No: S2	
S.No	Particulars	FY 2013-14 Audited	FY 2013-14 True-Up	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 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 separately)					
	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 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.


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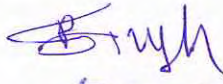
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited					
Cash Flow Statement				Form No: S3	
S.No	Particulars	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	Provisional Accounts	Revised Estimates	ARR
A	Net Funds from Operations:				
	Net (loss)/ profit before tax but after 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				
	Debts/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	Cash 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				
	Consumer security deposits				
	Repayment of borrowing				

The Hon'ble Commission in the True up Order for FY 2008-09 to FY 2011-12 dated 01st October, 2014 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.

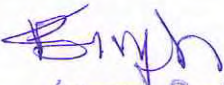
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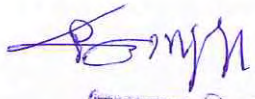
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited					
Cash Flow Statement				Form No: S3	
S.No	Particulars	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	Provisional Accounts	Revised Estimates	ARR
	Interest paid on borrowing				
	Interest payment adjustment				
	Restructuring reserve relating to transfer scheme 2000/2003				
	Material cost variance adjustments				
	Adjustment relating to Uttaranchal 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				


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Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Annual Revenue Requirement					Form No: S4	
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)	18,436.63	18,436.63	19,138.36	24,041.27	27,772.84
	Sale of Power (MU)	13,148.05	13,148.05	13,494.13	17,069.30	20,551.90
	Loss %	28.69%	28.69%	29.49%	29.00%	26.00%
1	Receipts					
	Revenue from tariffs & Miscell. Charges (incl bulk sales to					
a	TPL)	4,943.64	4,943.64	5,348.02	8,794.28	10,456.65
b	Subsidy from Govt.	917.88	917.88	976.82	1,069.22	1,142.73
c	Torrent power ltd					
	Total	5,861.52	5,861.52	6,324.83	9,863.49	11,599.39
2	Expenditure					
a	Purchase of Power	7,980.02	7,602.84	8,398.83	10,142.16	12,331.90
b	Purchase of Power from Other Sources					
c	Intra-State Transmission Charges	248.89	353.03	303.88	414.90	537.62
d	R&M Expense	329.62	329.62	315.24	369.91	377.80
e	Employee Expenses	272.37	272.37	254.91	307.40	323.42
f	A&G Expense	79.35	79.35	118.76	91.65	107.83
g	Depreciation	175.68	327.02	168.67	346.74	448.32
h	Interest & Finance Charges	1,559.37	284.55	2,125.79	539.31	690.05
i	Less: Interest & other expenses capitalised	131.29	131.29	152.52	144.93	177.78
j	Other Debits (incl. Prov for Bad debts)	31.10	91.66	2.84	124.26	70.49
k	Extraordinary Items(OTS)	-	-	-	-	-
l	Other (Misc.)-net prior period credit	855.94	27.53	202.87	-	-
	Total	11,401.06	9,236.68	11,739.28	12,191.39	14,709.65
3(i)	Reasonable Return	-	-	-	-	-
3(ii)	Contingency Reserve	-	-	-	-	-
4	Non tariff income	18.54	18.54	38.11	39.64	40.00
5	Annual Revenue Requirement (2)+(3)-(4)	11,382.52	9,218.13	11,701.17	12,151.75	14,669.65
6	Surplus(+) / Shortfall(-) : (1)-(5) before tariff revision	(5521.00)	(3356.61)	(5376.34)	(2288.26)	(3070.26)
7	Add: Allocation of Interest Charges and O&M of UPPCL		37.48	38.15	39.12	40.02
8	Efficiency Gains					
9	Surplus(+) / Shortfall(-) : (1)-(5) before tariff revision	(5521.00)	(3394.09)	(5414.49)	(2327.37)	(3110.28)
10	Tariff Revision Impact	-	-	-	-	-
	Operational Gap funding from GoUP			2440.45		
11	Surplus(+) / Shortfall(-) : (6)-(7) after tariff revision	(5,521.00)	(3,394.09)	(2,974.04)	(2,327.37)	(3,110.28)

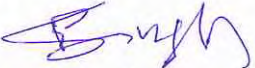

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Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited					
Information regarding amount of Equity & Loan				Form No: S5	
		FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
Sr. No.	Period	True-Up	Provisional Accounts	Revised Estimates	ARR
1	Amt. of Regulatory Equity (Rs. in crores)	1,946.38	3,535.20	4,106.89	4,736.89
2	Amt. of Regulatory Loan (Rs. in crores)	1,506.08	2,115.37	3,102.59	4,124.27
3	Debt Equity Ratio	77.38%	59.84%	75.55%	87.07%

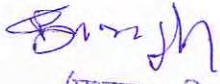

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Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited
Information regarding Working Capital Form No: S6


Sr. No.	Particulars	FY 2013-14 True-Up	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 ARR
1	One month's O & M Expenses	56.78	64.08	64.08	67.42
2	One-twelfth of the sum of the book value of materials in stores at the end of each month of such financial year.	61.16	55.62	15.57	17.36
3	Receivables equivalent to 60 days average billing on consumers	812.65	879.13	1,445.63	1,718.90
	Gross Total	930.59	998.82	1,525.28	1,803.68
Less:					
1	Total Security Deposits by the Consumers reduced by Security Deposits under section 47(1)(b) of the Electricity Act 2003	350.12	406.10	468.83	526.98
	Net Working Capital	580.47	592.72	1,056.46	1,276.71
	Rate of Interest on Working Capital	12.50%	12.50%	12.50%	12.50%
	Normative Interest on Working Capital	72.56	74.09	132.06	159.59


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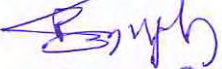
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited					
Reasonable Return				Form No: S7	
S.No	Particulars	FY 2013-14 True-Up	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 ARR
	Shareholders' Funds				
1	Share Capital	1,946.38	3,535.20	4,106.89	4,736.89
2	Reserves and Surplus	-17,996.89	-20,722.14	-23,049.52	-26,159.79
	Total Equity	-16,050.51	-17,186.95	-18,942.62	-21,422.90
	Return as a % of Equity				


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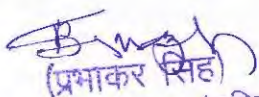
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Energy Balance					Form No: S8	
S.No	Particulars	FY 2013-14 Audited	FY 2013-14 True-Up	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 ARR
1	Purchase of Power					
	Power from own Stations (if any)	18,436.63	18,436.63	19,138.36	24,041.27	27,772.84
	Power from State Stations					
	Power from Central Stations					
	Power from Other Sources					
	I.					
	ii.					
	iii.					
	Total Power Available	18,436.63	18,436.63	19,138.36	24,041.27	27,772.84
2	Energy Sales within the state					
	a) LT Sales					
	b) HT Sales					
	c) EHT Sales					
	Total Energy Sales	13,148.05	13,148.05	13,494.13	17,069.30	20,551.90
3	Distribution Loss	5,288.59	5,288.59	5,644.23	6,971.97	7,220.94
4	Total Transmission losses	7.91%	7.91%	5.18%	5.26%	5.26%
5	Tradable Power	-	-	-	-	-


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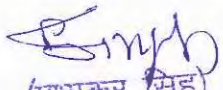
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited				
Trueing Up of past accounts				Form No: S9
S.No	Particulars	FY 2013-14		
		Tariff Order	Audited	True-up
	Power Purchase or Energy Available (MU)	18,136.89	18,436.63	18,436.63
	Sale of Power (MU)	13,059.00	13,148.05	13,148.05
	Loss %	28.00%	28.69%	28.00%
1	Receipts			
a	Revenue from tariffs & Miscell. Charges	6189.82	4943.64	4943.64
b	Subsidy from Govt.	877.68	917.88	917.88
	Total	7067.50	5861.52	5861.52
2	Expenditure			
a	Purchase of Power	7115.46	7980.02	7602.84
b	Purchase of Power from Other Sources			
c	Intra-State Transmission Charges	244.67	248.89	353.03
d	R&M Expense	199.47	329.62	329.62
e	Employee Expenses	354.20	272.37	272.37
f	A&G Expense	56.51	79.35	79.35
g	Depreciation	255.28	175.68	327.02
h	Interest & Finance Charges	246.75	1559.37	284.55
i	Less: Interest & other expenses capitalised	-90.56	-131.29	-131.29
j	Other Debits (incl. Prov for Bad debts)	0.00	31.10	91.66
k	Extraordinary Items	0.00	0.00	0.00
l	Other (Misc.)-net prior period credit	0.00	855.94	27.53
m	Allocation of UPPCL Charges	0.00	0.00	37.48
n	Efficiency Gains	0.00	0.00	0.00
	Total	8381.78	11401.06	9274.15
3	Reasonable Return	0.00	0.00	0.00
4	Other Income	12.77	18.54	18.54
5	Annual Revenue Requirement (2)+(3)-(4)	8369.02	11382.52	9255.61
6	Surplus(+) / Shortfall(-) : (1)-(5) before tariff revision	-1301.51	-5521.00	-3394.09
7	Tariff Revision Impact			
8	Surplus(+) / Shortfall(-) : (6)-(7)after tariff revision	-1301.51	-5521.00	-3394.09


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Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited					Form No: FI(a1)
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY 2014-15					
SUPPLY TYPE	CATG.	AGRA 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	696,630	907,381	966
	(ii)	Metered	842,038	1,116,364	1,191
	(B)	Supply at Single Point for Bulk Load	78	54,440	163
	(C1)	Other Metered Domestic Consumers	1,112,304	1,952,425	2,169
	(C2)	Life Line Consumers/BPL	220,998	281,277	220
SUB-TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	2,872,048	4,311,886	4,708
LMV--2	(A)	Consumer getting supply as per "Rural Schedule"			
	(i)	Un-metered	3,855	7,487	9
	(ii)	Metered	81,006	201,444	283
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	9,801	29,508	22
	(C)	Other Metered Non-Domestic Supply	170,594	419,019	526
SUB-TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	265,256	657,458	840
LMV--3	(A)	Un-metered Supply			
	(i)	Gram Panchyat	200	1,676	6
	(ii)	Nagar Palika & Nagar Panchyat	923	8,712	30
	(iii)	Nagar Nigam	41	2,103	9
	(B)	Metered Supply			
	(i)	Gram Panchyat	185	10,258	44
	(ii)	Nagar Palika & Nagar Panchyat	110	9,080	31
	(iii)	Nagar Nigam	9	1,125	5
SUB-TOTAL		PUBLIC LAMPS (LMV-3)	1,468	32,954	126
LMV--4	(A)	Public Institution(4 A)	19,523	101,104	265
	(B)	Private Institution(4 B)	6,670	48,026	100
SUB-TOTAL		LIGHT, FAN & POWER FOR PUB./PRIV. INST.(LMV-4)	26,193	149,130	366
LMV--5	(A)	Rural Schedule			
	(i)	Un metered Supply	132,076	984,847	1,395
	(ii)	Metered Supply	6,831	50,472	123
	(B)	Urban Schedule			
	(i)	Metered Supply	66,421	494,068	1,242
SUB-TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	205,328	1,529,387	2,759
LMV--6	(A)	Small & Medium Power (Power Loom)			
	(i)	Rural Schedule	5,671	48,880	43
	(ii)	Urban Schedule	3,402	43,248	79
	(B)	Small & Medium Power			
	(i)	Rural Schedule	9,503	62,717	75
	(ii)	Urban Schedule	30,671	282,497	424
SUB-TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	49,247	437,342	620
LMV--7	(A)	Rural Schedule			
	(i)	Jal Nigam	2,378	14,798	83
	(ii)	Jal Sansthan	781	8,776	56
	(iii)	Others (Water Works)	1,392	5,327	15
	(B)	Urban Schedule			
	(i)	Jal Nigam	434	6,992	52
	(ii)	Jal Sansthan	952	20,894	87
	(iii)	Others (Water Works)	381	15,257	40
SUB-TOTAL		PUBLIC WATER WORKS(LMV-7)	6,318	72,044	334
LMV--8	(A)	Metered Supply	2,324	59,402	283
	(B)	Un-metered Supply			
	(i)	STW,Panchayat Raj WB I,Duch P.C, L I upto 100 BHP	4,920	96,809	337
	(ii)	Laghu Dal Nahar above 100 BHP	68	1,887	3
SUB-TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	7,312	158,098	623
LMV--9	(A)	Metered Supply			
	(i)	Individual Residential Consumers	2,058	6,921	15
	(ii)	Others	-	-	-
	(B)	Un-metered Supply			
	(i)	Ceremonies	300	1,098	4
	(ii)	Temporary Shops	-	-	-
SUB-TOTAL		TEMPORARY SUPPLY (LMV-9)	2,358	8,019	19
LMV--10	(A)	Serving			
	(i)	Class IV Employees	3,478	10,942	18
	(ii)	Class III Employees	4,764	13,085	15
	(iii)	Junior Engineers & Equivalent	456	1,670	2
	(iv)	Assistant Engineers & Equivalent	398	1,701	3

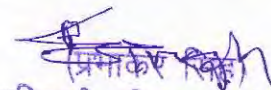

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 अधिशासी अभियन्ता (वाणिज्य)
 दशविंशतिनि० लि० आगरा

Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited					
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY 2014-15					Form No: F1(a1)
SUPPLY TYPE	CATG.	AGRA DISCOM FY 2014-15	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
		(v) Executive Engineers & Equivalent	142	695	1
		(vi) Deputy General Manager & Equivalent	48	185	0
		(vii) CGM/GM & Equivalent posts and above	22	75	0
	(B)	Total Pensioner & Family Pensioner	7,865	24,270	53
SUB-TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)	17,173	52,622	94
HV-1	(A)	Urban Schedule			
		(i) For supply at 11kV	483	130,290	204
		(ii) For supply at 33 kV & above	18	15,864	49
	(B)	Rural Schedule			
		(i) For supply at 11kV	-	-	8
		(ii) For supply at 33 kV & above	-	-	1
SUB-TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)	501	146,154	263
HV-2	(A)	Urban Schedule			
		(i) For supply at 11kV	1,885	442,123	1,156
		(ii) For supply above 11kV and upto & Including 66kV	253	187,098	678
		(iii) For supply above 66kV and upto & Including 132kV	2	30,330	157
		(iv) For supply above 132kV	3	52,590	267
	(B)	Rural Schedule			
		(i) For supply at 11kV	235	54,933	85
		(ii) For supply above 11kV and upto & Including 66kV	2	174	0
SUB-TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)	2,380	767,248	2,342
HV-3	(A)	For supply at and above 132kV	6	97,750	183
	(B)	For supply below 132kV	2	24,750	74
	(C)	For Delhi Metro Rail	-	-	-
SUB-TOTAL		RAILWAY TRACTION (HV-3)	8	122,500	256
HV-4	(A)	For supply at 11kV	36	20,921	130
	(B)	For supply above 11kV and upto 66kV	1	143	0
	(C)	For supply above 66kV and upto 132kV	1	9,350	14
SUB-TOTAL		LIFT IRRIGATION & P.C ABOVE 100 BHP (75kW) (HV-4)	38	30,414	144
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			3,455,628	8,475,256	13,494


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दण्डविनिर्माण आगरा

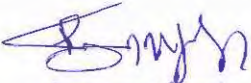
159

Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited					
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY 2015-16					Form No: FI(a2)
SUPPLY TYPE	CATG.	AGRA 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	682,697	914,496	1,185
		(ii) Metered	1,330,420	1,898,084	2,258
	(B)	Supply at Single Point for Bulk Load	92	49,707	0
	(C1)	Other Metered Domestic Consumers	1,223,534	2,147,667	2,486
	(C2)	Life Line Consumers/BPL	243,098	309,404	474
SUB-TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	3,479,842	5,319,359	6,403
LMV--2	(A)	Consumer getting supply as per "Rural Schedule"			
		(i) Un-metered	4,048	7,861	10
		(ii) Metered	82,626	205,473	283
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	10,291	30,984	45
	(C)	Other Metered Non-Domestic Supply	179,124	447,359	588
SUB-TOTAL		NON-DOMESTIC LIGHT FAN & POWER (LMV-2)	276,089	691,677	927
LMV--3	(A)	Un-metered Supply			
		(i) Gram Panchyat	240	2,011	7
		(ii) Nagar Palika & Nagar Panchyat	932	8,799	38
		(iii) Nagar Nigam	47	4,172	18
	(B)	Metered Supply			
		(i) Gram Panchyat	187	19,806	126
		(ii) Nagar Palika & Nagar Panchyat	116	12,267	49
		(iii) Nagar Nigam	9	1,181	6
SUB-TOTAL		PUBLIC LAMPS (LMV-3)	1,531	48,236	244
LMV--4	(A)	Public Institution(4 A)	20,499	100,297	309
	(B)	Private Institution(4 B)	6,803	48,986	102
SUB-TOTAL		LIGHT, FAN & POWER FOR PUB./PRIV. INST.(LMV-4)	27,303	149,283	411
LMV--5	(A)	Rural Schedule			
		(i) Un metered Supply	136,738	1,019,612	1,682
		(ii) Metered Supply	7,173	52,996	129
	(B)	Urban Schedule			
		(i) Metered Supply	70,406	523,712	1,316
SUB-TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	214,317	1,596,320	3,127
LMV--6	(A)	Small & Medium Power (Power Loom)			
		(i) Rural Schedule	5,955	51,324	88
		(ii) Urban Schedule	3,606	35,762	65
	(B)	Small & Medium Power			
		(i) Rural Schedule	10,073	66,480	114
		(ii) Urban Schedule	31,898	302,403	454
SUB-TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	51,532	455,969	721
LMV--7	(A)	Rural Schedule			
		(i) Jal Nigam	2,854	32,125	181
		(ii) Jal Sansthan	875	9,829	63
		(iii) Others (Water Works)	1,559	5,966	17
	(B)	Urban Schedule			
		(i) Jal Nigam	477	7,691	58
		(ii) Jal Sansthan	1,028	38,648	128
		(iii) Others (Water Works)	396	15,867	52
SUB-TOTAL		PUBLIC WATER WORKS(LMV-7)	7,189	110,127	498
LMV--8	(A)	Metered Supply	2,440	71,830	357
	(B)	Un-metered Supply			
		(i) STW,Panchayat Raj WB I.Duch P.C, L I upto 100 BHP	5,018	98,745	322
		(ii) Laghu Dal Nahar above 100 BHP	68	8,160	4
SUB-TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	7,527	178,735	684
LMV--9	(A)	Metered Supply			
		(i) Individual Residential Consumers	2,161	5,964	19
		(ii) Others	-	-	-
	(B)	Un-metered Supply			
		(i) Ceremonies	315	1,153	7
		(ii) Temporary Shops	-	-	-
SUB-TOTAL		TEMPORARY SUPPLY (LMV-9)	2,476	7,117	26
LMV--10	(A)	Serving			
		(i) Class IV Employees	3,601	11,330	19
		(ii) Class III Employees	4,955	14,526	15
		(iii) Junior Engineers & Equivalent	488	1,787	3
		(iv) Assistant Engineers & Equivalent	410	1,954	3
		(v) Executive Engineers & Equivalent	151	737	1

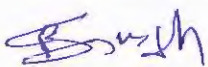

 अधिशासी अभियन्ता (वाणिज्य)
 दशविंशतिविंशति आगरा

160


Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited					
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY 2015-16					Form No: F1(a2)
SUPPLY TYPE	CATG.	AGRA DISCOM FY 2015-16	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
		(vi) Deputy General Manager & Equivalent	50	179	0
		(vii) CGM/GM & Equivalent posts and above	22	77	0
	(B)	Total Pensioner & Family Pensioner	8,022	33,148	55
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)	17,899	63,756	97
HV-1	(A)	Urban Schedule			
		(i) For supply at 11kV	517	139,410	324
		(ii) For supply at 33 kV & above	19	16,340	60
	(B)	Rural Schedule			
		(i) For supply at 11kV	-	-	-
		(ii) For supply at 33 kV & above	-	-	-
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HV-1)	535	155,750	384
HV-2	(A)	Urban Schedule			
		(i) For supply at 11kV	2,111	495,177	1,339
		(ii) For supply above 11kV and upto & Including 66kV	263	194,582	767
		(iii) For supply above 66kV and upto & Including 132kV	2	33,363	173
		(iv) For supply above 132kV	3	53,116	346
	(B)	Rural Schedule			
		(i) For supply at 11kV	259	60,426	172
		(ii) For supply above 11kV and upto & Including 66kV	2	176	1
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)	2,640	836,840	2,797
HV-3	(A)	For supply at and above 132kV	7	112,413	481
	(B)	For supply below 132kV	2	27,225	116
	(C)	For Delhi Metro Rail	-	-	-
SUB TOTAL		RAILWAY TRACTION (HV-3)	9	139,638	597
HV-4	(A)	For supply at 11kV	38	21,967	137
	(B)	For supply above 11kV and upto 66kV	1	147	3
	(C)	For supply above 66kV and upto 132kV	1	9,350	15
SUB TOTAL		LIFT IRRIGATION & P.C ABOVE 100 BHP (75kW) (HV-4)	40	31,464	154
EXTRA STATE	(A)	EXTRA STATE & OTHERS	-	-	-
SUB TOTAL		EXTRA STATE CONSUMERS	-	-	-
BULK	(A)	Torrent	-	-	-
	(B)	KESCO	-	-	-
SUB TOTAL		BULK SUPPLY	-	-	-
GRAND TOTAL			4,088,728	9,784,252	17,069


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दण्डवि०वि०नि०लि० आगरा

Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited					Form No: F1(a3)	
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY 2016-17						
SUPPLY TYPE	CATG.	AGRA 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	669,043	896,206	1,161	
	(ii)	Metered	1,835,980	2,619,356	3,957	
	(B)	Supply at Single Point for Bulk Load	109	58,655	0	
	(C1)	Other Metered Domestic Consumers	1,345,888	2,362,434	3,102	
	(C2)	Life Line Consumers/BPL	267,408	340,345	555	
SUB-TOTAL		DOMESTIC LIGHT FAN & POWER (LMV-1)	4,118,427	6,276,996	8,776	
LMV-2	(A)	Consumer getting supply as per "Rural Schedule"				
	(i)	Un-metered	4,250	8,254	11	
	(ii)	Metered	84,279	209,582	364	
	(B)	Private Advertising/Sign Post/Sign Board/Glow Sign/Flex	10,806	32,533	58	
	(C)	Other Metered Non-Domestic Supply	188,080	469,727	684	
SUB-TOTAL		NON DOMESTIC LIGHT FAN & POWER (LMV-2)	287,414	720,096	1,118	
LMV-3	(A)	Un-metered Supply				
	(i)	Gram Panchyat	288	2,413	9	
	(ii)	Nagar Palika & Nagar Panchyat	942	8,887	38	
	(iii)	Nagar Nigam	54	4,798	21	
	(B)	Metered Supply				
	(i)	Gram Panchyat	189	20,004	130	
	(ii)	Nagar Palika & Nagar Panchyat	121	12,880	65	
	(iii)	Nagar Nigam	10	1,240	6	
SUB-TOTAL		PUBLIC LAMPS (LMV-3)	1,604	50,223	269	
LMV-4	(A)	Public Institution(4 A)	21,524	105,312	400	
	(B)	Private Institution(4 B)	6,939	49,966	125	
SUB-TOTAL		LIGHT, FAN & POWER FOR PUB./PRIV. INST.(LMV-4)	28,464	155,278	525	
LMV-5	(A)	Rural Schedule				
	(i)	Un metered Supply	141,565	1,055,605	1,742	
	(ii)	Metered Supply	7,531	55,645	135	
	(B)	Urban Schedule				
	(i)	Metered Supply	74,631	555,135	1,395	
SUB-TOTAL		PRIVATE TUBE WELL/PUMPING SETS (LMV-5)	223,727	1,666,385	3,272	
LMV-6	(A)	Small & Medium Power (Power Loom)				
	(i)	Rural Schedule	6,252	53,890	119	
	(ii)	Urban Schedule	3,822	37,908	82	
	(B)	Small & Medium Power				
	(i)	Rural Schedule	10,678	70,469	153	
	(ii)	Urban Schedule	33,174	314,499	550	
SUB-TOTAL		SMALL & MEDIUM POWER UPTO 100 HP (75) (LMV-6)	53,926	476,766	903	
LMV-7	(A)	Rural Schedule				
	(i)	Jal Nigam	3,424	38,550	217	
	(ii)	Jal Sansthan	980	11,009	71	
	(iii)	Others (Water Works)	1,746	6,682	19	
	(B)	Urban Schedule				
	(i)	Jal Nigam	525	8,460	63	
	(ii)	Jal Sansthan	1,110	41,740	138	
	(iii)	Others (Water Works)	412	16,502	54	
SUB-TOTAL		PUBLIC WATER WORKS(LMV-7)	8,198	122,943	562	
LMV-8	(A)	Metered Supply	2,562	75,422	375	
	(B)	Un-metered Supply				
	(i)	STW,Panchayat Raj WB I.Duch P.C, L I upto 100 BHP	5,119	100,720	328	
	(ii)	Laghu Dal Nahar above 100 BHP	68	8,160	4	
SUB-TOTAL		STATE TUBE WELLS & PUMPS CANAL UPTO 100 HP(LMV-8)	7,749	184,302	708	
LMV-9	(A)	Metered Supply				
	(i)	Individual Residential Consumers	2,269	6,262	22	
	(ii)	Others	-	-	-	
	(B)	Un-metered Supply				
	(i)	Ceremonies	331	1,211	8	
	(ii)	Temporary Shops	-	-	-	
SUB-TOTAL		TEMPORARY SUPPLY (LMV-9)	2,600	7,472	30	
LMV-10	(A)	Serving				
	(i)	Class IV Employees	3,729	11,732	23	
	(ii)	Class III Employees	5,153	15,107	18	
	(iii)	Junior Engineers & Equivalent	522	1,912	3	
	(iv)	Assistant Engineers & Equivalent	422	2,012	4	
	(v)	Executive Engineers & Equivalent	160	781	2	
	(vi)	Deputy General Manager & Equivalent	53	188	0	
	(vii)	CGM/GM & Equivalent posts and above	23	78	0	
	(B)	Total Pensioner & Family Pensioner	8,183	33,811	63	

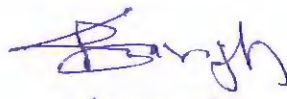

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 अधिशासी अभियन्ता (वाणिज्य)
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Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited					Form No: F1(a3)
Billing Determinants: Projected Consumer Numbers, Connected Load & Total Sale: FY 2016-17					
SUPPLY TYPE	CATG.	AGRA DISCOM FY 2016-17	CONSUMER (NUMBERS)	CONNECTED LOAD (KW)	PROJECTED BILLED ENERGY (MU)
SUB TOTAL		DEPARTMENTAL EMPLOYEES (LMV-10)	18,244	65,620	113
HV--1	(A)	Urban Schedule			
		(i) For supply at 11kV	553	149,169	347
		(ii) For supply at 33 kV & above	19	16,830	62
	(B)	Rural Schedule			
		(i) For supply at 11kV	-	-	-
		(ii) For supply at 33 kV & above	-	-	-
SUB TOTAL		NON INDUSTRIAL BULK LOADS (HIV-1)	572	165,999	409
HV--2	(A)	Urban Schedule			
		(i) For supply at 11kV	2,365	554,599	1,499
		(ii) For supply above 11kV and upto & Including 66kV	274	202,365	798
		(iii) For supply above 66kV and upto & Including 132kV	2	36,699	190
		(iv) For supply above 132kV	3	53,647	349
	(B)	Rural Schedule			
		(i) For supply at 11kV	284	66,469	189
		(ii) For supply above 11kV and upto & Including 66kV	2	177	1
SUB TOTAL		LARGE & HEAVY POWER ABOVE 100 BHP (75 kW) (HV-2)	2,930	913,957	3,026
HV--3	(A)	For supply at and above 132kV	8	129,274	553
	(B)	For supply below 132kV	2	29,948	128
	(C)	For Delhi Metro Rail	-	-	-
SUB TOTAL		RAILWAY TRACTION (HIV-3)	10	159,222	681
HV--4	(A)	For supply at 11kV	40	23,065	144
	(B)	For supply above 11kV and upto 66kV	1	152	3
	(C)	For supply above 66kV and upto 132kV	1	9,350	15
SUB TOTAL		LIFT IRRIGATION & P.C ABOVE 100 BHP (75kW) (HV-4)	42	32,567	161
EXTRA STATE	(A)	EXTRA STATE & OTHERS	-	-	-
SUB TOTAL		EXTRA STATE CONSUMERS	-	-	-
BULK	(A)	Torrent	-	-	-
	(B)	KESCO	-	-	-
SUB TOTAL		BULK SUPPLY	-	-	-
GRAND TOTAL			4,753,907	10,997,826	20,552



 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
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103


Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Revenue & Capital Subsidies					Form No: F2	
S.No	Particulars	FY 2013-14 Audited	FY 2013-14 True-Up	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 ARR
A	Revenue Subsidies And Grants					
1	Revenue Subsidy					
2	Agriculture Subsidy	917.88	917.88	976.82	1,069.22	1,142.73
3	Subsidy adjustment against ED					
4						
5	Subsidy for Power Looms					
	Sub-Total	917.88	917.88	976.82	1,069.22	1,142.73
B	Capital Subsidies And Grants					
1	APDRP					
2	PTW					
3	UPSIDC	224.37	224.37	210.63	207.22	233.12
4	Indian Industries Association					
5	Others					
	Sub-Total	224.37	224.37	210.63	207.22	233.12
	Total	1,142.25	1,142.25	1,187.45	1,276.44	1,375.85
S.No	Actual Flow of Funds	FY 2012-13 Audited	FY 2012-13 True-Up	FY 2013-14 Provisional Accounts	FY 2014-15 Revised Estimates	FY 2015-16 ARR
	In Rs Crores					
1	Balance Subsidy for Previous years Receivable					
2	Subsidy Due for the year	1,142.25	1,142.25	1,187.45	1,276.44	1,375.85
3	Total Subsidy Receivable	1,142.25	1,142.25	1,187.45	1,276.44	1,375.85
4	Cash	1,142.25	1,142.25	1,187.45	1,276.44	1,375.85
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 Interst on Loan					
11	Total Subsidy Received	1,142.25	1,142.25	1,187.45	1,276.44	1,375.85
12	Balance Subsidy Receivable: (3)-(12)	-	-	-	-	-


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Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited				
Income from Investments and Non-Tariff Income				Form No: E3
S.No	Particulars	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 ARR
A	Income from Investment			
1	Interest Income from Investments	0.00	0.00	0.00
2	Interest on fixed deposits	19.03	19.79	19.97
3	Interest from Banks other than Fixed Deposits	6.87	7.14	7.21
4	Interest on (any other items)			
	Sub-Total (A)	25.89	26.93	27.18
B	Non Tariff Income			
1	Interest on loans and Advances to staff	0.08	0.09	0.09
2	Interest on Loans and Advances to Licensee			
3	Interest on Loans and Advances to Lessors			
4	Interest on Advances to Suppliers / Contractors	9.62	10.01	10.10
5	Income from Trading			
6	Gain on Sale of Fixed Assets			
7	Miscellaneous receipts	2.51	2.61	2.64
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			
16	Less: Any other rebates			
	Sub-Total (B)	12.22	12.71	12.82
	Total	38.11	39.64	40.00


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 अधिशासी अभियन्ता (वाणिज्य)
 दणवि०वि०नि०लि० आगरा

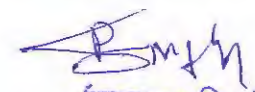
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited															Form No: F4a	
Details of Monthly Electricity Purchases from different Generating Stations - FY 2014-15																
MONTH	Plant Capacity	UTILITY's SHARE		Availability of Generating Station	Total Fixed or Capacity 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	%		Rs Cr	MU	MU	MU	p/u	p/u	p/u	p/u	p/u	p/u	p/u	
1	2	3	4		5	6	7	9	10	11	12	13	14	15	16	
April																
May																
June																
July																
August																
September																
October																
November																
December																
January																
February																
March																
TOTAL								19138.36								
Arrear Bills for the past period due to revision of energy account/ tariff revision																
Total Cost																

अधिरासी अभियन्ता (वाणिज्य)
 दशविधिकनिर्दिष्ट आगरा
 (प्रभाकर सिंह)


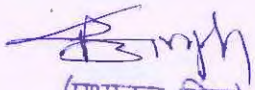
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited									
Details of Monthly Electricity Purchases from different Generating Stations - FY 2015-16							Form No: F4a		
Source of Power	MW Available	MU	Fixed Cost		Variable Cost		Total Cost		Average Cost
			(Rs. / kWh)	(Rs. Cr.)	(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		3,433.14		6,775.17		10,208.30	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	625	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	538	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	856	1.80	1,204	1.80
Tanda	440	3,255	1.01	330	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	134	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	138	3.43	189	3.43
Kahalgaon St.II Ph.I	251	1,807	1.18	212	2.25	407	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	252	1.51	299	2.78	550	2.78
Sub-Total NTPC	4,294	29,503	0.00	2,544	0.00	7,316	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

प्रमाणित
अधिसूची अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा

Name of Distribution Licensee: Dakshinanchal 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		11,740.08		29,684.8		41,424.90	3.76



 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
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Name of Distribution Licensee: Dakshinanchal 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. 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	0.00	-	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 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
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
Kahalgau St. I	77	552	0.96	53	2.61	144	3.57	197	3.57
Kahalgau 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


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
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Name of Distribution Licensee: Dakshinanchal 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.)	
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, Jhajhhar	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

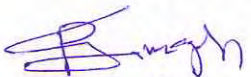
Note: DVVNL procures power from UPPCL which is its holding company. The overall portfolio of power purchase at the UPPCL level is provided above


(प्रभाकर सिंह)
अधिसासी अभियन्ता (वाणिज्य)
दणवि०वि०नि०लि० आगरा

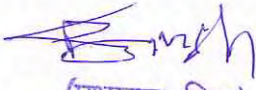
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited									
Energy Transmitted/wheeled through a particular transmission system, charges payable and other details									Form No: F4b
S No.	Name of the transmission system	Capacity of the transmission system	Energy Wheeled through 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	19,138.36			303.88	-	303.88	0.159
2	UPPTCL	FY 2015-16	24,041.27			414.90	-	414.90	0.173
3	UPPTCL	FY 2016-17	27,772.84			537.62	-	537.62	0.194
4									
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अधिरासी अभियन्ता (वाणिज्य)
दशविधविनिर्माण आगरा
(प्रमाणक सह)
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Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Repair & Maintenance Expenditure						Form No: F5
S No.	Particulars	FY 2013-14 Audited	FY 2013-14 True-Up	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 ARR
1	Plant and Machinery	160.98	160.98	154.59	180.32	181.98
2	Building	0.63	0.63	0.60	0.71	0.72
3	Civil Works		-		-	-
4	Hydraulic Works		-		-	-
5	Transformers		-		-	-
6	Lines, Cables Net Works etc.	167.93	167.93	106.21	188.10	189.84
7	Vehicles		-	53.65	-	-
8	Furniture and Fixtures	0.00	0.00	-	0.00	0.00
9	Office Equipments	0.08	0.08	0.19	0.09	0.09
10	Transportation				-	-
11	Sub station maintenance by private agencies				-	-
12	Any other items (Capitalisation)				-	-
	Additional R&M(@2.5% of incremental GFA)				0.69	5.17
	Total	329.62	329.62	315.24	369.91	377.80


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दण्डि विनिर्माण आगरा

Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Employee Cost and Provisions				Form No: F6a		
S.No	Particulars	FY 2013-14 Audited	FY 2013-14 True-Up	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 ARR
1	Salaries	116.56	116.56	110.42	130.56	131.76
2	Dearness Allowance	94.26	94.26	92.41	105.59	106.56
3	Other Allowances & Relief	9.26	9.26	8.22	10.37	10.46
4	Bonus/Exgratia	1.03	1.03	0.26	1.15	1.16
5	Medical Expenses Reimbursement	3.80	3.80	0.74	4.26	4.30
6	Leave Travel Assistance		-		-	-
7	Earned Leave Encashment	12.35	12.35	8.77	13.83	13.96
8	Compensation	0.24	0.24	0.15	0.27	0.27
9	Staff Welfare Expenses	0.55	0.55	0.13	0.62	0.62
10	Pension and gratuity	28.48	28.48	26.89	31.90	32.19
11	Other Terminal benefits	5.86	5.86	6.93	6.56	6.62
12	Expenditure on trust					
13	Any other employee expenses					
14	Arrear of Pay Commission/Time Scale					
15	Additional employee Expenses(@2.5% of incremental GFA)				2.31	15.52
	Grand Total	272.37	272.37	254.91	307.40	323.42
	Employee expenses capitalized	102.09	102.09	116.95	46.11	48.51
	Net employee expenses	170.28	170.28	137.96	261.29	274.91


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दण्डिविनिर्माण आगरा

Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Administration & General Expenses					Form No: F7	
S.No.	Particulars	FY 2013-14 Audited	FY 2013-14 True-Up	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 ARR
A)	Administration Expenses					
1	Rent rates and taxes (Other than all taxes on income and profit)	0.44	0.44	0.29	0.49	0.49
2	Insurance of employees, assets, legal liability	0.36	0.36	0.64	0.40	0.40
3	Revenue Stamp Expenses Account					
4	Telephone, Postage, Telegram, Internet Charges	1.94	1.94	2.06	2.18	2.20
5	Incentive & Award To Employees/Outsiders					
6	Consultancy Charges	0.60	0.60	0.87	0.67	0.68
7	Travelling	2.48	2.48	2.58	2.78	2.80
8	Technical Fees					
9	Other Professional Charges					
10	Conveyance And Travel (vehicle hiring, running)					
11	UPERC License fee	2.15	2.15	2.61	2.41	2.43
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	7.97	7.97	9.05	8.93	9.01
B)	Other Charges					
1	Fee And Subscriptions (Books And Periodicals)					
2	Printing And Stationery	1.95	1.95	1.85	2.18	2.20
3	Advertisement Expenses	0.54	0.54	0.74	0.60	0.61
4	Contributions/Donations To Outside Institute / Association					
5	Electricity Charges To Offices	40.97	40.97	32.74	45.90	46.32
6	Water Charges	0.15	0.15	0.00	0.17	0.17
7	Consultancy expenses /Any Study related expenses					
8	Miscellaneous Expenses	25.51	25.51	71.42	28.57	28.83
9	Expenses on Public Interaction Program					
10	Any Other expenses		-		-	-
	Sub-Total of other charges	69.11	69.11	106.75	77.41	78.13
C)	Legal Charges	2.12	2.12	2.85	2.38	2.40
D)	Auditor'S Fee	0.15	0.15	0.11	0.16	0.16
E)	Freight - Material Related Expenses					
F)	Other Departmental Charges					
	Additional A&G expenses(@2.5% of incremental GFA)				2.77	18.13
G)	Total Charges	79.35	79.35	118.76	91.65	107.83
H)	Expenses capitalized	29.20	29.20	35.57	13.75	16.17
I)	Net Administrative and General expenses	50.15	50.15	83.19	77.91	91.65


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दण्डिविनिर्माण आगरा

अधिसूची अभियन्ता (वित्तिय) (प्रमाणित) द्वारा
 दक्षिणचल विद्युत निगम लिमिटेड
 द्वारा

Name of Distribution Licensee: Dakshinanchal 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	Adjust-ments & Deduction	At End of Year	Rate of Deprecia-tion	At Begning of Year	Addition During Year	Adjust-ments & 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)	4,612.64	960.95	511.54	5,062.05	7.84%		379.22				
	Less: Dep on Assets Capitalized through Consumer Contribution							52.20				
	Net Depreciation							327.02				

अविभासी अभियन्ता (तमिलनाडु)
दशविंशतिनिमित्तः
(प्रभाकर सिंह)
२५/५/१६

Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limitec											
Fixed Assets and Provision for Depreciation										Form No: F8	
Sl.No	Particulars	FY 2014-15									
		Gross Fixed Assets				Provision For Depreciation				Net Fixed Assets	
		At Begning of Year	Addition During Year	Adjust-ments & Deduction	At End of Year	Rate of Deprecia-tion	At Begning of Year	Addition During Year	Adjust-ments & Deduction	At End of Year	At The begning of Year
i	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)	5,062.05	736.08	505.37	5,062.05	7.84%		405.88			
	Less: Dep on Assets Capitalized through Consumer Contribution							62.79			
	Net Depreciation							343.10			

अधिरासी अभियन्ता (वर्गिक)
दोविनिनिनिओ आग
(प्रभाकर सिंह)


Name of Distribution Licensee: Dakshinanchal 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 Assets	
		At Begning of Year	Addition During Year	Adjust-ments & Deduction	At End of Year	Rate of Deprecia-tion	At Begning of Year	Addition During Year	Adjust-ments & Deduction	At End of Year	At The begning 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)	5,292.75	1,553.05	-	6,845.80	7.84%		475.80			
	Less: Dep on Assots Capitalized through Consumer Contribution							129.07			
	Net Depreciation							346.74			

अधिरासी अभियन्ता (वाणिज्य)
दक्षिणविद्युत निगम आगरा

(प्रभाकर सिंह)

Name of Distribution Licensee: Dakshinanchal 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	Adjust-ments & Deduction	At End of Year	Rate of Deprecia-tion	At Begning of Year	Addition During Year	Adjust-ments & 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)	6,845.80	2,002.94	-	8,848.75	0.08		615.20				
	Less: Dep on Assets Capitalized through Consumer Contribution							166.88				
	Net Depreciation							448.32				

Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Interest & Finance Charges						Form F-9
S.No	Particulars	FY 2013-14 Audited	FY 2013-14 True-Up	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 ARR
A	Interest and Finance Charges on Long Term Loans / Credits from the FIs/banks/organisations approved by the State Government					
		0.00	0.00	432.65	0.00	0.00
	Interest on Long Term Loans	360.06	179.56	383.24	369.89	491.70
	Interest on Working Capital	1166.88	72.56	1274.19	132.06	159.59
	Total Interest Charges	1,526.94	252.12	2,090.09	501.95	651.29
	Finance Charges					
	Interest to Consumers	32.26	32.26	35.54	37.18	38.59
	Bank Charges	0.18	0.18	0.16	0.17	0.17
	Discount to Consumers					
	Finance Charges/Guarantee fees					
	Total Finance Charges	32.44	32.44	35.71	37.35	38.76
	Gross Interest and Finance Charges	1,559.37	284.55	2,125.79	539.31	690.05
	IDC	-	-	-	85.08	113.09
	Net Interest and Finance Charges	1,559.37	284.55	2,125.79	454.23	576.96


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 द०वि०वि०नि०लि० आगरा

अधिशाली अभियन्ता (वर्ग १०५)
 (प्रमाणित सिद्धि)
 दण्डविनिर्दिष्ट आगार

Name of Distribution Licensee: Dakshinanchal 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	1,365.28	467.82	327.02	179.56	11.92%	1,506.08

अधिरासी अभियन्ता (वाणिज्य)
दशविंशतिनिमित्त आगता
(प्रभाकर सिंह)

Name of Distribution Licensee: Dakshinanchal 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
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	1,506.08				9.28%	2,115.37

अधिशारी अभियन्ता (दागीज्या)
दोविओविओलिओ आगरा
(प्रभाकर सिंह)

Name of Distribution Licensee: Dakshinanchal 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
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	2,115.37	1,333.96	346.74	369.89	11.92%	3,102.59

अधिकासी अभियन्ता (वाणिज्य)
दोविओविओनिओ आगरा

(प्रभाकर सिंह)

103

Name of Distribution Licensee: Dakshinanchal 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
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	3,102.59	1,470.00	448.32	491.70	11.92%	4,124.27

Name of Distribution Licensee: Dakshinanchal 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	-	-	-	85.08	113.09
2	Other expenses capitalised:					
	a. Employee expenses	102.09	102.09	116.95	46.11	48.51
	b. R&M Expenses					
	c. A&G Expenses	29.20	29.20	35.57	13.75	16.17
	d. Others, if any					
	Total of 2	131.29	131.29	152.52	59.86	64.69
	Grand Total	131.29	131.29	152.52	144.93	177.78

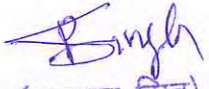


(प्रभाकर सिंह)


अधिरासी अभियन्ता (वाणिज्य)
दोवि०वि०नि०लि० आगरा

164

Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Debits, Write-offs and any other items						Form-II
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 Writte Off					
3	Bad Debt Written Off/Provided For	31.10	91.66	2.84	124.26	70.49
4	Cost Of Trading & Manufacturing Activities					
5	Net Prior Period Credit/Charges	855.94	27.53	202.87	0.00	0.00
6	Sub-Total	887.05	119.19	205.71	124.26	70.49
7	Less Chargeable To Capital Expense					
	Net Chargeable To Revenue	887.05	119.19	205.71	124.26	70.49


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 द0वि0वि0नि0लि0 आगरा

Name of Distribution Licensee: Dakshinanchal 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	4,080.82	4,583.07	5,333.40	6,212.83
2	Revenue billed for the year	4,943.64	5,348.02	8,794.28	10,456.65
3	Collection for the year	4,441.39	4,597.68	7,914.85	9,620.12
	Against current dues				
	Against arrears upto previous year				
4	Gross receivable from customers as at the end of the year	4,583.07	5,333.40	6,212.83	7,049.36
5	Receivables against permanently disconnected consumers				
6	Receivables(4-5)	4,583.07	5,333.40	6,212.83	7,049.36
7	% of provision	2.00%	2.00%	2.00%	1.00%
8	Provision for bad and doubtful debts	91.66	2.84	124.26	70.49


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दक्षिणविद्युत निगम आगरा

106

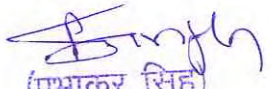
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Extraordinary Items					Form No: F13	
Sl.No.	Particulars	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
		Audited	True-Up	Provisional Accounts	Revised Estimates	ARR
1	Extraordinary Credits					
	subsidies against losses due to natural disasters					
	TOTAL CREDITS	Nil	Nil	Nil	Nil	Nil
2	Extraordinary Debits					
	subsidies against losses due to natural disasters					
	TOTAL DEBITS	Nil	Nil	Nil	Nil	Nil
	Grand Total					



(प्रभाकर सिंह)
अधिशाली अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा

137

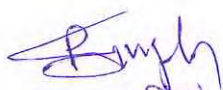
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited						
Net Prior Period Expenses / Income				Form No: F14		
Sl.No.	Particulars	FY 2013-14 Audited	FY 2013-14 True-Up	FY 2014-15 Provisional Accounts	FY 2015-16 Revised Estimates	FY 2016-17 ARR
A	Income relating to previous years:					
1	Interest income for prior periods					
2	Transmission Charges	-137.79				
3	Excess Provision for Depreciation					
4	Excess Provision for Interest and Fin. Charges					
5	Receipts from consumers			31.44		
6	Other Excess Provision					
7	Others	0.01				
	Sub-Total A	-137.79	0.00	31.44	0.00	0.00
B	Expenditure relating to previous years					
1	Power Purchase	690.62				
2	Operating Expenses	0.32	0.32	0.00		
3	Excise Duty on generation					
4	Employee Cost	6.76	6.76	7.81		
5	Depreciation					
6	Interest and Finance Charges	18.96	18.96	223.20		
7	Admn. Expenses	0.97	0.97	3.29		
8	Withdrawal of Revenue Demand					
9	Material Related					
10	Others	0.52	0.52	0.00		
	Sub-Total B	718.16	27.53	234.31	0.00	0.00
	Net prior period Credit/(Charges) : A-B	855.94	27.53	202.87	0.00	0.00


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दशविंशति निलि आगरा

अधिरासी अभियन्ता (व्यक्तिगत)
दोविओनिओलिओ अगारा

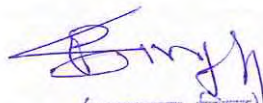
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited								
Contributions, Grants and subsidies towards Cost of Capital Assets								Form No: F15
SI No	Particulars	Previous Year		Current Year		Ensuing Year		
		Balance at the beginning of the year	Net Additions during the Year	Balance 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)	1,185.10	210.63	1,395.74	207.22	1,602.96	233.12	1,836.08
2	Consumer Contribution towards Metering Systems							
3	Others							
	Sub-Total	1,185.10	210.63	1,395.74	207.22	1,602.96	233.12	1,836.08
4	Subsidies Towards Cost Of Capital Asset							
5	Grant Towards Cost Of Capital Assets							
6	Others							
	Sub-Total							
	Total	1,185.10	210.63	1,395.74	207.22	1,602.96	233.12	1,836.08

Name of Distribution Licensee: Dakshinanchal 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					


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
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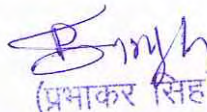
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited					
Current Assets & Liabilities				Form No: F19	
Sl.No	Particulars	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
A	Current Assets, Loans and Advances	<p>The Hon'ble Commission in the True up Order for FY 2008-09 to FY 2011-12 dated 01st October, 2014 and True up 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.</p>			
	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)				


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 द0वि0वि0नि0लि0 आगरा

Name of the Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Ltd.
Capital Investment Plan for FY 2015-16

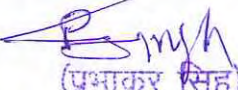
Name of the Distributor:
Capital

S.No.	Description	Unit	No./	Capital Expenditure			
			Quantity	Loans	Equity / Internal Accruals	Deposit Works	Total
	33 KV New Work						
1	(a) 33 KV Line	Km.	1514	89.66	38.43		128.09
	(b) 33/11 KV S/s (Excluding civil works)	Nos./MVA	17/85	274.25	117.53		391.78
2	33/11 KV Increasing Capacity	Nos./MVA	33/165	53.24	22.82		76.05
3	33 KV line & S/s Strengthening (Replacement of higher capacity of conductor, poles, S/s apparatus etc.)	Km.	36	5.81	2.49		8.3
	11 KV New Works						0
4	(a) 11 KV New line (Viferctin of feeders, linkline etc.)	Km.	673	65.14	27.92		93.06
	(b) 11/0.4 KV S/s						0
	(i) 11/0.4 KV S/s	Nos./KVA	404	26.07	11.17		37.24
	(ii) 11/0.4 KV S/s (SC Dominated)	Nos./KVA	100	6.45	2.77		9.22
	11/0.4 KV S/s increasing capacity						0
5	(i) 11/0.4 KV S/s increasing capacity	Nos./KVA	404	13.03	5.59		18.62
	(ii) 11/0.4 KV S/s increasing capacity (SC Dominated)	Nos./KVA	100	3.23	1.38		4.61
	Strengthening of 11 KV line & 11/0.4 KV S/s etc.						
6	(i) Strengthening of 11 KV line & 11/0.4 KV S/s etc.	Nos./Km	266/199	21.46	9.2		30.65
	(ii) Strengthening of 11 KV line & 11/0.4 KV S/s etc. (SC Dominated)	Nos./Km	100/133	8.07	3.46		11.52
7	Separation of Villages from P.T.W., S.T.W. etc. (Separation of feeders) against Sanction scheme 1500 crore out of which 40% work will be proposed to be completed in this year.	-	-				0
8	Replace of old & damage of 11 KV capacitors & other pertaining equipment 50%	Nos.	270	26.13	11.2		37.33
9	Providing new 11 KV capacitors 10% of S/s	Nos.	45	5.81	2.49		8.3
	Construction of new L.T. line						
10	(i) Construction of new L.T. line	Km.	450	36.3	15.56		51.85
	(ii) Construction of new L.T. line (SC Dominated)	Km.	133	10.74	4.6		15.35
11	Strengthening of L.T. line (Replacing of damage conductor/pole jarjer replacement of higher capacity of conductor broken pole/wooden pole, Additional pole in long span & other access etc.	Km.	798	25.75	11.03		36.78
12	Replacement of damage/very old OCB/VCB and other equipments as well as by high capacity.	Nos.	53	8.55	3.66		12.21
13	Construction - major workshop. Encloding civil work	Nos.	2	6.45	2.77		9.22
14	Strengthening of working workshop, store, other T&P etc. Including civil works	Nos.	10	23.65	10.14		33.79
15	Arrange of stair mounted (Hydraulic vehicle & Jeeps)	Nos.	30	11.62	4.98		16.59
16	Non Residential & Residential new work.	Nos.	-	10.74	4.6		15.35
17	Strengthening/Maintenance of Non Residential & Residential building/S/s etc.	No.	-	13.33	5.71		19.04
18	Improvement of billing of R/L areas		-	7.52	3.22		10.74
19	Reduction of commercial losses, providing pilfer proof metering against all category consumers.		-	3.68	1.58		5.25
20	Providing of double meter in all category with modem	Nos.	-	10.74	4.6		15.35
21	Providing Electronic meter at S.T.W. consumers 10% in this year.	Nos.	400	0.77	0.33		1.11
22	Arrangement of prepaid meter (1-Æ & 3-Æ)	Nos.	-	4.29	1.84		6.13
23	Any other works which full under network strengthening of Transformer repairing workshop and manufacturing of PCC Pole at different units.						0
	(a) Repairing of Transformers		4667	9.03	3.87		12.91
	(b) PCC Pole manufacturing.	Nos.	43222	25.1	10.76		35.86
24	Capital Investment through Support under Vyapar Vikas Nidhi			322.64	138.28		460.92
25	R-APDRP Part A			36.33	15.57		51.9
26	R-APDRP Part B			168.38	72.16		240.54
27	Deposit Works					336.29	336.29
	Total			1333.95	571.69	336.29	2241.94



(प्रभाकर सिंह)
अधिसासी अभियन्ता (वाणिज्य)
दोवि०नि०लि० आगरा

: Dakshinanchal Vidyut Vitran Nigam Ltd.
ent Plan for FY 2016-17

S.No.	Description	Unit	No./	Capital Expenditure			
			Quantity	Loans	Equity / Internal Accruals	Deposit Works	Total
	33 KV New Work						
1	(a) 33 KV Line	Km.	493.92	52.93	22.68		75.61
	(b) 33/11 KV S/s (Excluding civil works)	Nos./MVA	55/275	158.57	67.96		226.52
2	33/11 KV Increasing Capacity	Nos./MVA	50/250	31.66	13.57		45.23
3	33 KV line & S/s Strengthening (Replacement of higher capacity of conductor, poles, S/s apparatus etc.)	Km.	54	3.42	1.47		4.89
	11 KV New Works						0
4	(a) 11 KV New line (Vifercatin of feeders, linkline etc.)	Km.	1013	38.48	16.49		54.97
	(b) 11/0.4 KV S/s						0
	(i) 11/0.4 KV S/s	Nos./KVA	608	15.39	6.59		21.98
	(ii) 11/0.4 KV S/s (SC Dominated)	Nos./KVA	150	3.8	1.63		5.43
5	11/0.4 KV S/s increasing capacity						0
	(i) 11/0.4 KV S/s increasing capacity	Nos./KVA	608	7.7	3.3		11
	(ii) 11/0.4 KV S/s increasing capacity (SC Dominated)	Nos./KVA	150	1.9	0.81		2.71
6	Strengthening of 11 KV line & 11/0.4 KV S/s etc.						
	(i) Strengthening of 11 KV line & 11/0.4 KV S/s etc.	Nos./Km	400/600	12.67	5.43		18.09
	(ii) Strengthening of 11 KV line & 11/0.4 KV S/s etc. (SC Dominated)	Nos./Km	150/200	4.75	2.04		6.78
7	Separation of Villages from P.T.W., S.T.W. etc. (Separation of feeders) against Sanction scheme 1500 crore out of which 40% work will be proposed to be completed in this year.	-	-				0
8	Replace of old & damage of 11 KV capacitors & other pertaining equipment 50%	Nos.	405	15.39	6.59		21.98
9	Providing new 11 KV capacitors 10% of S/s	Nos.	68	3.42	1.47		4.89
10	Construction of new L.T. line						
	(i) Construction of new L.T. line	Km.	675	21.38	9.16		30.54
	(ii) Construction of new L.T. line (SC Dominated)	Km.	200	6.33	2.71		9.05
11	Strengthening of L.T. line (Replacing of damage conductor/pole jarjer replacement of higher capacity of conductor broken pole/wooden pole, Additional pole in long span & other access etc.	Km.	1200	15.2	6.51		21.71
12	Replacement of damage/very old OCB/VCB and other equipments as well as by high capacity.	Nos.	80	5.07	2.17		7.24
13	Construction - major workshop. Encluding civil work	Nos.	3	3.8	1.63		5.43
14	Strengthening of working workshop, store, other T&P etc. Including civil works	Nos.	15	13.93	5.97		19.9
15	Arrange of stair mounted (Hydraulic vehicle & Jeeps)	Nos.	45	6.84	2.93		9.77
16	Non Residential & Residential new work.	Nos.	-	6.33	2.71		9.05
17	Strengthening/Maintenance of Non Residential & Residential building/S/s etc.	No.	-	7.86	3.37		11.24
18	Improvement of billing of R/L areas		-	6.33	2.71		9.05
19	Reduction of commercial losses, providing pilfer proof metering against all category consumers.		-	3.17	1.36		4.52
20	Providing of double meter in all category with modem	Nos.	-	6.33	2.71		9.05
21	Providing Electronic meter at S.T.W. consumers 10% in this year.	Nos.	605	0.46	0.2		0.65
22	System Augmentation of Distribution Network	Nos.	50	473.27	202.83		676.1
23	Arrangement of prepaid meter (1-Æ & 3-Æ)	Nos.	-	2.53	1.09		3.62
24	Any other works which full under network strengthening of Transformer repairing workshop and manufacturing of PCC Pole at different units.						0
	(a) Repairing of Transformers	W	7000	5.32	2.28		7.6
	(b) PCC Pole manufacturing.	Nos.	65000	14.82	6.35		21.17
25	Capital Investment through Support under Vyapar Vikas Nidhi			323.34	138.57		461.91
27	R-APDRP Part A			29.25	12.54		41.79
27	R-APDRP Part B			168.38	72.16		240.54
28	Deposit Works					400	400
	Total			1470	630	400	2500


(प्रभाकर सिंह)
अधिशाली अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा

Name of Distribution Licensee: Dakshinanchal 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	5,062.0	736.1	505.4			7.84%	5,292.8
Depreciation							405.9
Work in Progress	694.5	1,384.8	116.9	35.6	736.1		1,495.8

अधिशाली अभियन्ता (वाणिज्य)
 दक्षिणविद्युतनिगम आगरा
 (प्रभाकर सिंह)


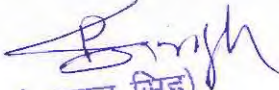
Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited							Additional Form
Capital Formation During FY 2016-17							
Detail	Balance 31-Mar-16	Invest-ments	Cap interest	Cap expenses	To GFA	Depreciation	Balance 31- Mar-17
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Gross Fixed Assets	6845.80	2002.94				7.84%	8,848.7
Depreciation							615.2
Work in Progress	2,329.6	2,500.0	48.5	129.3	2,002.9		3,004.4

अधिशारी अभियन्ता (व्योक्त)
दक्षिणविद्युत निगम
(प्रमाणित)
सिंह


Name of Distribution Licensee: Dakshinanchal 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	5,292.8	1,553.1				7.84%	6,845.8
Depreciation	-						475.8
Work in Progress	1,495.8	2,241.9	131.2	13.7	1,553.1		2,329.6

अधिकासी अभियन्ता (प्राधिकृत)
दक्षिणचल विद्युत वितरण निगम
आगरा

Name of Distribution Licensee: Dakshinanchal Vidyut Vitran Nigam Limited			
Revenue Assessment 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	3,306.77	8,775.67	3.77
(a) Consumer getting supply as per "Rural Schedule"	1,356.85	5,118.38	2.65
(b) Supply at Single Point for Bulk Loads	6.18	0.35	175.62
(c) Other Metered Domestic Consumers	1,807.05	3,102.23	5.83
(d) Life Line Consumers	136.69	554.71	2.46
LMV-2: Non Domestic Light, Fan & Power	849.27	1,117.65	7.60
(a) Non-Domestic (Rural)	127.94	375.01	3.41
(b) Private Advertisements/Sign Boards/Glow Signs/Flex	105.21	58.45	18.00
(c) Non-Domestic (Urban Metered)	616.12	684.19	9.01
LMV-3: Public Lamps	168.91	269.33	6.27
LMV-4: Institutions	393.29	524.67	7.50
(a) Public Institution	284.68	399.77	7.12
(b) Private Institution	95.98	124.90	7.68
LMV-5: Private Tube Wells	917.62	3,271.86	2.80
(a) Rural	142.19	1,876.73	0.76
(b) Urban	775.43	1,395.13	5.56
LMV 6: Small and Medium Power	726.66	903.11	8.05
LMV-7: Public Water Works	415.48	562.01	7.39
LMV-8: State Tubewells & Pumped Canals	508.47	707.87	7.18
LMV-9: Temporary Supply	55.73	29.79	18.71
LMV-10: Deptt. Empl. & Pensioners	19.89	113.06	1.76
HV-1: Non-Industrial Bulk Load	342.26	408.63	8.38
HV-2: Large & Heavy Power	2,157.74	3,026.17	7.13
HV-3: Railway Traction	489.36	680.79	7.19
HV-4: Lift Irrigation Works	117.85	161.29	7.31
Sub Total	10,456.65	20,551.90	5.09
Bulk & Extra State	-	-	-
AGRA DisCom	10,456.65	20,551.90	5.09


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दण्डि वि० नि० लि० आगरा

Name of Distribution Licensee: Dakshinanchal 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	2,355.72	6,403.38	3.68
(a) Consumer getting supply as per "Rural Schedule"	762.91	3,443.42	2.22
(b) Supply at Single Point for Bulk Loads	5.23	0.28	185.29
(c) Other Metered Domestic Consumers	1,470.05	2,486.14	5.91
(d) Life Line Consumers	117.53	473.53	2.48
LMV-2: Non Domestic Light, Fan & Power	714.68	926.82	7.71
(a)Non-Domestic(Rural)	103.24	293.63	3.52
(b)Private Advertisements/Sign Boards/Glow Signs/Flex	80.71	44.84	18.00
(c)Non-Domestic (Urban Metered)	530.72	588.36	9.02
LMV-3: Public Lamps	152.87	243.67	6.27
LMV-4: Insitutions	320.18	410.61	7.80
(a) Public Institution	234.01	308.51	7.59
(b) Private Institution	86.17	102.10	8.44
LMV-5: Private Tube Wells	868.67	3,127.07	2.78
(a) Rural	137.13	1,810.91	0.76
(b) Urban	731.54	1,316.16	5.56
LMV 6: Small and Medium Power	597.96	720.72	8.30
LMV-7: Public Water Works	369.22	498.17	7.41
LMV-8: State Tubewells & Pumped Canals	491.19	683.56	7.19
LMV-9: Temporary Supply	51.65	25.85	19.98
LMV-10: Deptt. Empl. & Pensioners	18.78	96.95	1.94
HV-1: Non-Industrial Bulk Load	321.61	384.15	8.37
HV-2: Large & Heavy Power	1,989.61	2,796.92	7.11
HV-3: Railway Traction	429.28	597.05	7.19
HV-4: Lift Irrigation Works	112.85	154.38	7.31
Sub Total	8,794.28	17,069.30	5.15
Bulk & Extra State	-	-	-
AGRA DisCom	8,794.28	17,069.30	5.15


 (प्रभाकर सिंह)
 अविशासी अभियन्ता (वाणिज्य)
 द०वि०वि०नि०लि० अग्ररा

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

ANNEXURE - 2

AUDITED BALANCE SHEET FOR FY 2013-14

D(F) CAMP/No..... Date.....

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

No. 16/59/MDCAMP/dated 12/10/15

सौ. पोस्ट/गोपनीय

पत्रांक : म.ले. (इ. एण्ड आर. ए. ए.) / इ. एस- 11 / लेखा / द० वि० वि० नि० नि० / 2013-14 / 321

दिनांक : 7-10-15

सेवा में,

प्रबन्ध निदेशक
दक्षिणांचल विद्युत वितरण निगम लिमिटेड,
आगरा।

महोदय,

एतत्सह कम्पनी अधिनियम, 1956 की धारा 619(4) के अधीन दक्षिणांचल विद्युत वितरण निगम लिमिटेड, आगरा के 31 मार्च 2014 को समाप्त होने वाले वर्ष के लेखों पर भारत के निबंधक-महालेखापरीक्षक की टीका-टिप्पणियों कम्पनी अधिनियम, 1956 की धारा 619(5) के निबंधनों के अनुसरण में कम्पनी की वार्षिक सामान्य बैठक के समक्ष प्रस्तुत करने हेतु अंगीकृत 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।

सहपत्र-यथोपरि

GM(F)/AO 1/AAO-IAAO-II
Acctt - I / Acctt - II / Acctt - III / Cashier

8/12/15
Director (Finance)

भारतीय
अनील अग्र

(विनीता शिखर)
महालेखाकार

प्रभाकर सिंह
अधिशोषी
द० वि० वि० नि० नि०

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

Comments of the Comptroller and Auditor General of India under Section 619 (4) of the Companies Act 1956 on the Accounts of Dakshinanchal Vidyut Vitran Nigam Limited for the year ended 31 March 2014.

The preparation of the Financial Statement of the **Dakshinanchal Vidyut Vitran Nigam Limited**, Agra 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 11 May 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 **Dakshinanchal Vidyut Vitran Nigam Limited, Agra** 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 notice and which in my view are necessary for enabling a better understanding of the Financial Statement and the related Audit Report:

A. Balance Sheet

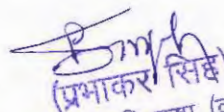
Current Liabilities

Other Current Liabilities (Note: BS/06)

1. Staff Related Liability: ₹ 82.18 crore

The Accounting Policy No. 7 (b) indicates that Leave Encashment is accounted for on the basis of claim received and approved during the year.

The Accounting Policy followed by the Company is in violation of Accounting Standard 15 (Retirement Benefit) issued by Institute of Chartered Accountants of India according to which the liability for leave encashment amount to be paid at the time of retirement should be provided for in the Accounts every year on accrual basis. This has been commented by the Statutory Auditor in their report but failed to quantify the same.


(प्रभाकर सिंह)
अध्यासी अभियन्ता (वाणिज्य)
दक्षिणचल विद्युत निगम अग्रा

On the basis of information made available in respect of 105 Employees, the liability for leave encashment worked out to ₹ 9.96 crore as at March 2014 which should have been provided in the Accounts.

Non-provision of liability for leave encashment resulted in understatement of Current Liability and Loss for the year each by ₹ 9.96 crore.

Despite this being pointed out in the accounts for the years 2010-11 to 2012-13, no corrective action was taken by the Management.

2. Provident Fund Liabilities: ₹ 253.85 crore

The above includes unpaid liability of GPF/CPF to the Provident Fund Trust towards contribution of employees of PF amounting to ₹ 245.73 crore (including liabilities transferred under the transfer scheme of ₹ 171.18 crore) as on 1st April 2013.

However, no provision for payment of interest on unpaid amount to trust has been made for the years 2011-12 to 2013-14 which resulted into understatement of liability to "PF Trust" as well as "Employee cost" by ₹ 22.02 crore (including ₹ 4.44 crore for the year 2012-13 calculated at the rate of 8.5 per cent and ₹ 14.95 crore for the year 2013-14 calculated as per applicable rate of 8.7 per cent). Although, Statutory Auditors commented this in their report but failed to quantify the same.

Despite the comment of the C&AG on the accounts of the Company for the year 2011-12 to 2012-13, no corrective action was taken by the Management.

3. Liabilities for Expenses: ₹ 4.36 crore

As per para 4.4 of Uttar Pradesh Electricity Regulatory Commission (Fees and Fines) Regulation 2010, interest at the rate of 1.25 per cent per month will be payable on the delayed deposited amount. However, in spite of late payment of license fees for the years 2008-09 to 2013-14, the interest for the delayed period ₹ 1.70 crore should have been provided for in the Accounts.

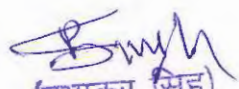
Non-provision of such amount resulted in understatement of liabilities for Expenses as well as Loss for the year each by ₹ 1.70 crore.

Assets

Non-Current Assets

4. Capital Work in Progress (Note: BS/10) ₹ 694.52 crore

The above includes mobilization advance of ₹ 2.58 crore made to M/s TULIP Telecom Limited on 07.9.2010 for providing primary and secondary connectivity under APDRP. The agreement with M/s Tulip Telecom Limited was terminated on 18.11.2013 due to their poor performance.


(प्रभाकर सिंह)
अधिसूची अभियन्ता (तत्पक्षीय)
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202

The mobilization advance amounting to ₹ 2.58 crore has not been recovered. The Bank Guarantee dated 14.9.2010 expired on 10.3.2012 and thereafter not extended by M/s Tulip Telecom Limited. Thus, the amount has become irrecoverable for which no provision has been made in the Accounts.

Thus due to non provision of irrecoverable mobilization advance, Capital Work in Progress was overstated and loss understated by ₹ 2.58 crore each.

Despite the comment of the C&AG of India on the accounts of the Company for the year 2012-13, no corrective action was taken by the Management.

Current Assets

5. Inventories (Note BS/13) ₹ 733.96 crore

Due to incidence of fire at Electricity Store Centre, Orai (23 May 2013) material valuing ₹ 18.84 crore were burnt/ damaged. Although, Statutory Auditors reported this in their report but failed to quantify the value of stores.

Non-provision of such damaged material resulted in overstatement of Inventories and understatement of Loss for the year both by ₹ 18.84 crore.

B. Statement of Profit & Loss Account Income

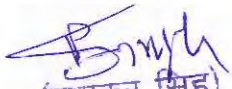
6. Revenue from Operations (Note: PL/01) ₹ 4802.75 crore

The above amount of sale could not be verified by Statutory Auditors in absence of billing ledgers and it was accounted for by the divisions on estimation basis (Commercial Statement-3 and 4 being part of the MIS) as reported by them. However, during supplementary audit the sales of two category of consumers (LMV-1 and LMV-2) of nine divisions for ten months amounting to ₹ 388.32 crore were test checked with the sales recorded in the billing ledgers. We noticed that sales accounted for in the accounts by the two divisions (EUDD Etah, EUDD Firozabad) was ₹ 65.03 crore instead of ₹ 84.16 crore as per billing ledger leading to understatement of sale by ₹ 19.13 crore. In case of seven divisions (EUDD Farrukhabad, EUDD-I Aligarh, EUDD-I Mathura, EUDD-II Aligarh EUDD-II Jhansi, EUDD-II Mathura, EUDD-III) the sale was accounted for in the accounts as ₹ 323.29 crore instead of ₹ 312.51 crore as per billing ledgers leading to overstatement of sale by ₹ 10.78 crore.

This established that amount of sales of ₹ 4802.76 crore accounted for in the accounts was not in agreement with the books of account of the Company but taken on ad-hoc/estimation basis.

C. Independent Auditors Report

(i) A show cause notice u/s 201(1)/201(1A) of the IT Act 1961 were received (February 2015) regarding non deduction of tax at source on transmission cost amounting ₹ 202.76 crore


(प्रभाकर सिंह)
अधिरासी अभियन्ता (वणिज्य)
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203

pertaining to years from 2007-08 to 2013-14. Further, this demand was revised (March 2015) to ₹ 251.89 crore by the IT department.

This should have been disclosed by the Auditors in their Audit Report.

(ii) Reference is invited to Accounting Policy No. 7 (a) which stated that 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. The above said provision has made based on PWC Actuarial Valuation Report of November 2000. This report was valid for three years viz. November 2003. Statutory Auditors also pointed out this aspect in their report, however following significant impact was not stated.

The period of report has expired long back and gratuity limit has also been revised from ₹ 3.50 lakh to ₹ 10.00 lakh yet the company is making provision on the basis of old Report which is in-violation of Accounting Policy and also Accounting Standard-15.

This was pointed out in the Accounts for the year 2011-12 and 2012-13. However no corrective actions were taken in the accounts.

(iii) Statutory Auditor while incorporating the Branch Auditor's Report of Jhansi Zone has stated at point No.41 as under:-

'During the course of audit, it was found that Chief Engineer (Distribution) & Superintending Engineer (Distribution) Jhansi and their staff had issued various fake/ unnecessary purchase order by which embezzlement/ Misappropriation of funds occurred. The UPPCL has formed the Committee for investigation of above but the report of the Committee is still awaited at the end of the audit.'


Thus Statutory Auditor has not quantified the amount involved in their report.

During supplementary audit we noticed that EDC, Jhansi issued purchase orders valuing ₹ 5.49 crore in 55 cases during 2010-11 to 2012-13 against such tenders which were neither floated nor the tender forms were sold to the firms to whom the purchase orders were placed. The amount being significant should have been disclosed in the accounts.

Despite commented upon by the C&AG on the Accounts for the year 2012-13, no corrective action was taken in the accounts.

D. General:

(i) The Government of Uttar Pradesh vide order dated 16.09.2014 converted the equity into grant of ₹ 469.33 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.


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अधिकासी अभियन्ता (वर्गिन्ता)
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204

(ii) 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 ₹ 136.52 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.

(iii) *Reconciliation Differences*

Due to non reconciliation of the inter-company balances of Current Liabilities vis-a-vis Current Assets, a difference of ₹ 7.38 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.

(iv) *Contingent Liabilities*

(a) The company has neither provided for nor disclosed contingent liability of cess of ₹ 91.00 lakh payable at the rate of 1 per cent leviable on expenditure on supply portion of RGGVY & RAPDRP of ₹ 91.19 crore as per the provisions of Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996.

(b) Under APDRP scheme, Electricity Distribution Circle, Etawah had not deducted Trade Tax from the bills of M/s Genus Power Infrastructure Limited (Contractor) during 2005-06 to 2008-09. Due to this, Trade Tax Authority issued a notice to the Circle on 04.01.2013 for non deduction of trade tax and sent RC to District Authorities for an amount of ₹ 1.65 crore (Tax and Penalty) on 29.04.2013. The District Authorities issued notice on 16.05.2013 with instructions to recover the tax & penalty by seizing bank accounts and other sources. Against this, an appeal no. 259/13 year 2005-06 was filed by SE Circle, Etawah in protest of ₹ 1.65 crore which is pending with Dy. Commissioner, Division-I Etawah. This should have been shown as contingent liability in the Notes on Accounts.

Despite commented upon by C&AG on the Accounts for the year 2012-13, no corrective action was taken in the accounts.

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

Varita Sharma
Accountant General

Place: Lucknow

Date: 7-10-2015

B. Singh
(प्रभाकर सिंह)

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205



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CHARTERED ACCOUNTANTS

E-295, KAMLA NAGAR
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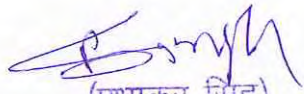
PH.No. (0562) 2880366, 4033968 FAX NO.(0562) 4006544, 4033968 M. NO.9412560606, 9412535257
E-Mail ID:-Manishjain70@yahoo.co.in, Kastoorjain@yahoo.com

To,

The Member of Dakshinanchal Vidyut Vitran Nigam Ltd.

1. We have audited the attached Balance sheet of **M/s Dakshinanchal Vidyut Vitran Nigam Ltd.** as on **31 March, 2014** and Profit & Loss Account for the year ended on that date annexed thereto in which the Accounts of Z.A.O Kanpur, Z.A.O Agra, Z.A.O Aligarh and Z.A.O Jhansi Audited by other auditors appointed by comptroller & Auditor general of India and Electricity stores Division-Kanpur, Agra, Jhansi, Aligarh, EE-Administration Office and G.M. Finance office audited by us are incorporated. These financial statements are the responsibility of the Nigam's Management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain the reasonable assurance about whether the financial statements are free of material misstatements. An audit includes examining on a test basis, evidence supporting the amount and disclosures in the financial statements. An audit also includes assessing the accounting principal statement presentation. We believe that our audit provides a reasonable basis for our opinion.
3. As required by the Companies (Auditor's Report) Order,2003 issued by the company Law Board in terms of Sec.227 (4A) of the Companies Act 1956 we enclose in the Annexure statements on the matters specified in the paragraph 4&5 of the said order.
4. Further to our comments in the annexure referred to in Paragraph 3 above, 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;
 - (II) In our opinion proper books of account as required by law have been kept by the Nigam so far as appears from our examination of those books.
 - (III) The Balance Sheet and Profit & Loss Account dealt with by this report are in agreement with the books of account;
 - (IV) In our opinion, the Balance Sheet and Profit & Loss Account dealt with by this report comply with the Accounting Standards referred to in sub -section (3c) of sec. 211 of the companies Act,1956; except AS-2 on valuation of Inventory, AS-6 on Depreciation and AS-10 on Accounting for Fixed Asset valuation, wherein the Nigam is not charging depreciation as per AS-6, the system of valuation of inventory is at variance with AS-2 and system for accounting of Assets is at variance with AS-10, AS-15 for provision of gratuity & pension, AS-16 on borrowing cost, AS-17 on Segment disclosure, As-18 on Related party disclosures, AS-19 on Disclosure regarding lease agreement, AS-22 Treatment of Deferred Tax, AS-28 Treatment of Impairment of Assets AS-29 on provision for contingent liabilities. The qualification of the total effect on the Profit & Loss Account of the Nigam is not ascertained.
 - (V) Being the Govt. undertaking, proviso of section 274(1) (g) of the Companies Act regarding disclosure of disqualification of directors is not applicable to the Nigam.

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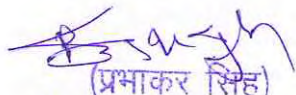


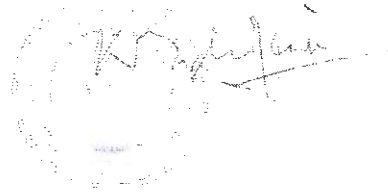
206

(VI) The reports on accounts of branches / units audited by the other auditors have been forwarded to us and we have considered the same in preparing our report and state as under:-

JHANSI ZONE

1. Fixed asset registers showing full particulars regarding quantity and situation of fixed assets have not been maintained by any Division/sub divisions of the zone.
2. Physical verification of fixed asset is not carried out by the management of the divisions and sub divisions of the zone.
3. No stock register maintained as per prescribed format (i.e.3-S, 3-T, 4-S, 4-T) in some of the divisions/sub divisions of the zone.
4. Generally compliance of TDS is not up to the mark. In many cases TDS, either has been shortly deducted or not deducted in many divisions. Cases of non submission /late submission of quarterly e-TDS returns have been noticed in many divisions.
5. In some of the divisions, Income tax have not been deducted/short deducted. There may be some liabilities of interest/penalty in future.
6. In distribution unit, party wise details of security deposit not maintained.
7. We are unable to comment on the financial impact of non-compliance of the accounting standards as mentioned above in absence of complete records.
 - i. The impact which may arise after reconciliation of balance under sundry creditors, debtors, loans, advance & bank.
 - ii. Particulars and financial impact of claims made against the company and outstanding capital commitments at the end of the year have not been provided to us.
8. The consolidated trial balance of the zone not complies with the mandatory accounting standards referred in sec211 (3C) of the Companies Act 1956.
9. Cash and bank books are being balanced on monthly basis instead of daily basis hence physical verification / reconciliation on a particulars date is not possible.
10. In many cases overdue payments are outstanding to be recovered from parties since long, no effective steps are being taken to recover the same.
11. In few cases additional security may be taken, but has not been taken.
12. Contingent liabilities register is not maintained by any divisions or at zone level.
13. In most of the divisions PD applications are pending since long and PD register is not complete/properly maintained. Bills are continued to be raised against such cases which will lead to unwanted disputes and litigation against the company
14. Inter unit reconciliation of entries with respect to transfer of funds or transfer of inventories is not done. Most of the balances are not tallying with each other.
15. No proper record/statement/details showing heavy line losses and measures taken to control them are maintained by the divisions.
16. TDS not deducted on the provision for interest payable on security deposit
17. Third party bills for supplies or services availed by the company are not being accounted for at the time of supplies or service availed rather these are being accounted for at the time of payment. Thus


(प्रभाकर सिंह)
अधिसासी अभियन्ता (वाणिज्य)
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most of the transactions are being accounted for on cash basis instead of mercantile system of accounting hence "matching concept" principle of accounting (AS-1) is not being followed.

18. The zone has conducted internal audit, but no audit report given any unit hence no strengthened so as to commensurate with its size and nature of its business.
19. Valuation of inventories is not valued at in accordance with the Accounting Standard-2.
20. Depreciation on fixed assets has not been charged as per rates provided in schedule in XIV of the Companies Act, 1956.
21. Balance confirmation from the parties has not been obtained the variations in the amount cannot be ascertained.
22. Bank balances as per bank statements very much differ from bank balance as per cash book for which bank reconciliation statements are prepared but in several divisions they have not been prepared for number of years .In the divisions where the bank reconciliation statement have been prepared they contain very old un reconciled amount for other debits, other credits, cheques issued but not presented for payments, cheques deposited but not credited.
23. While going through monthly trial balance it has been observed that few entries are wrongly accounted in wrong code.
24. In most of Divisions log book in respect of Jeep on hire are not maintained.
25. In some divisions payment of mobile bills are beyond their permissible limit and excess payment were not recovered from concern staff.
26. Stock records are not properly maintained by JE's in the division.
27. We are unable to verify various expenses due to records are not provided to us.
28. The Accounting standard (AS) issued by ICAI are not properly followed / implemented at Divisional Level
29. Banks are debiting bank charges even after the agreement (that no bank charges were levied by the banks from electricity departments).
30. In most of the units Theft of Fixed Assets pending for investigation is still pending for adjustment.
31. Most of the divisions have deducted sales tax on tender form and the same has not been deposited properly through challan to the sales tax department.
32. Inter Unit transaction of material with various units are not reconciled with other units.
 - (a) **EDD LALITPUR**, Due to fire occurred in the month of June 2014 (dated 08.06.2014), we are unable to conduct audit in detail. Following record are not provided to us such as Cash book, TA/TI Register, Bill Vouchers, Log book, 24Q, 26Q challan and all records which are kept in works section.
 - (b) **EDD LALITPUR**, Fixed Assets register is not maintained due to which division unable to get claim of assets lost in fire.
33. Most of the divisions attendance register is not properly maintained
34. In the absence /proper maintenance of attendance records there is no deduction of salary on account of excess leave availed.



(प्रभाकर सिंह)
अधिशाली अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा



35. Almost in every division CS-4 & R2 is not reconciled
36. Arrears are not properly booked under head 23
37. EDD Banda service book of employees is not maintained properly and updated
38. We have observed following difference in the closing balances of FY 2012-2013 and Opening balances in current year 2013-2014 in the head of MTB:


CODE	Head of Accounts	Closing Balance as on 31.03.2013	Opening Balance as on 01.04.2013	Difference
10	Fixed Assets	6295569046.04	6293524403.04	(2044643.00)
18	Intangible Assets	34097289.00	36141932.00	2044643.00
22	Material Stock & related Account	1181712981.45	1195495594.40	13782612.95
23	Receivable against supply of power	14490731524.17	14416248971.17	(74482553.00)
25	Advance to Suppliers/ Contractors	987820203.88	987647703.88	(172300.00)
28	Sundry Receivables	31867345500.27	31869059500.27	1714000.00
31	Inter Unit Accounts Material	(7649916183.46)	(7649334187.46)	580996.00
33	Inter Unit Account Remittance to H.O	2179293045.80	2179675545.80	382500.00
37	Inter Unit Account other Transaction Adjustment	6566940182.21	6563948631.21	(2991551.00)
44	Staff Related Provision & Liability	(575657174.60)	(677230094.60)	(101572920.00)
46	Other Liability & Provision	(2899969463.46)	(2899837012.46)	132451.00
47	Deposit for electrification Serv. Conn	(211716946.13)	(212008649.13)	(292703.00)
48	Security Deposit For consumers	(534707150.79)	(526797084.87)	7910095.92
59	Profit & Loss Account	(39673361480.49)	(46372241033.69)	(6899879553.20)

39. There are many differences in Closing Balances of previous year 2012-13 and Opening Balance of Current Financial Year 2013-14. the same has been reported to Deputy Chief Accounts Officer Jhansi, but no satisfactory explanations has been submitted by zone.

40. Following divisions has not provided below mentioned documents during the period of audit

(a) TDS Return

- ETD BANDA:- 24Q3, & 26Q3, AND 24Q4 E-TDS RETURN .
- EDC ORAI :- 24 Q & 26 Q return (Q3) .


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अधिशारी अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा

- iii **CHIEF ENGG. JHANSI :- 24Q1.**
- iv **EWD, JHANSI:- 24 Q & 26Q (Q1).**
- v **EDD HAMIRPUR:-26Q & 24Q .**
- vi **EDC HAMIRPUR:- 26Q2 .**
- vii. **EDD MAHOBA :- 24 Q3**

(b) Bank Statement

- i. **EDD LALITPUR :- Bank A/C 30488987304**
- ii. **EDD ORAI 1st :- Bank statement not provided**

41. During the course of audit it has been observed/reported that chief Engineer (Distribution) & Superintending Engineer Distribution Jhansi and their staff has issued various fake/unnecessary purchase orders by which there is embezzlement/ misappropriation of funds.

The UPPCL has framed a committee for enquiry of the above embezzlement/ misappropriation appropriation. vide there letter No. 932-शिवजो (05ई)/पाकालि/2013 dated 20.06.2013 the report of the enquiry is still awaited. We have asked for update status report on the above matter vide our letter dated 22.12.2014, but no such report/information's has been provided

42. Fixed Assets should be transferred to fixed assets account when it is ready to use. But in division it's transferred at the end of financial year. Summary or list of completion of fixed assets is not provided.

43. While going through TDS Challan it has been observed that in most of manually deposited TDS Challans, A.Y has wrongly mentioned.

44. Details of Legal Charges not provided for verification of deductions of TDS.

45. No proper details of Manual Receipts Books issued to various units have been provided for verification/updation of amounts collected through Manual Receipts books.

46. Report of Gun testing is not provided to us

47. The zonal units have not provided details of copies of filing of ST-3 returns, proof of payment of Service Tax & Service Tax payable at the end of the year.

48. No TDS has been deducted on payment of interest on securities.

49. MD approval copy for monthly diesel expenses is not provided

50. Unit wise details of insurance regarding Cash in hand / Cash in transit is not provided

51. EUDD 1st JHANSI, Opening balance of TA advance of Rs. 20638 is still standing in accounts.

52. In various units it has been observed that Sales Tax has been deducted but the same has not deposited with sales tax dept. The zonal units have not provided details of copies of filing of Sales Tax Returns, proof of payment of Input & Output of Sales Tax and Sales Tax Payable at the end of the financial year.

53. The information asked by the O/o the Accountant General, (Economic and Revenue Sector, Audit) U.P 6th Floor, Kendriya Bhawan, Sector 'H' Aliganj, Lucknow vide their letter no. AG(E& RSA)UP/ES-II/Appointment/199 dated 17.09.2014 on the following matters:-

- i) Revenue from sale of power.



(Signature)
(प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
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ii) Sundry Debtors.

iii) Capitalizations of assets.

iv) Valuations of inventory.

v) Rs.1000 Cr. Fraud as published in news papers.

vi) Accountal of liability of interest on delayed payments of GPF/CPF contributions to trust.

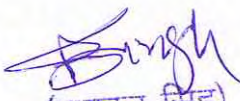
vii) Fire incidence in store DN, Jhansi

The Zonal units have not provided details regarding compliance of additional directions issued by O/o the Accountant General, (Economic and Revenue Sector, Audit) U.P 6th Floor, Kendriya Bhawan, Sector 'H' Aliganj, Lucknow.

54. The duties and responsibilities including the delegation of powers at various levels of management have been adequately defined, but it is not properly implemented
55. The system of accounts & financial are not properly control by the Zone
56. AG 14 Capital Expenditure in Progress A/c. and AG 10 Capital Expenditure and Fixed Assets. Demarcation and reconciliation from Work in Progress to Fixed Assets need to be improved considering the completion of AG14. Application of Accounting Standard -10- Accounting for Fixed Assets not being followed properly.
57. The contracts awarded by divisions and zones have no proper monitoring system. During our course of audit and examination of vouchers several instances came to our knowledge where proper and adequate monitoring was not done.
58. During the year internal audit conducted ,but No such report has been provided

KANPUR ZONE


1. No record or document is prepared from which we can ascertain the units of electricity distributed and units of electricity for which bills are raised. We would like to ascertain the line loss in distribution and the correctness of billing for revenue purpose. The statement in CS4 figures cannot be compared with the bills raised and collection made.
2. Almost in all the Divisions Bank Reconciliation Statements have not been prepared since long and whatever has been prepared they are loaded with other Debits and Credits for so many previous years, bank charges have also been taken as other Debits which need to be squared up by making proper entries in the accounts under the head Bank Charges
3. During the year under audit a new sub head 74.651 Security office and substation has been created and the total amount (DR) shown is Rs. 50, 74, 515.00. (CR) capitalization is shown Rs. 2, 07,938.00 and the net debit is Rs. 48, 66,577.00. Capitalization out of this head is not proper because no asset is generated.
4. In the financial year 2013-2014 under the AG head 18.400 Theft of fixed assets pending Rs. 5,44,59,701.85 (Dr) is shown which includes current year amount Rs. 1,51, 34, 481.80 and brought forward Rs. 3,93,25,220.05.
5. In almost all the units while making T.D.S. from the salary the circular issued by the CBDT has not been followed despite of the fact that ZAO was appraised of the circular. On examination of records at the division level under the zone we have found that in many cases T.D.S has not been made, in many cases T.D.S has been made not at correct rate, in many cases T.D.S made has not been deposited on due dates and hence interest liability has accrued, in many cases there is no tally between the T.D.S made and paid to Government, in many cases T.D.S challan no. 281 has been marked with incorrect assessment year, in

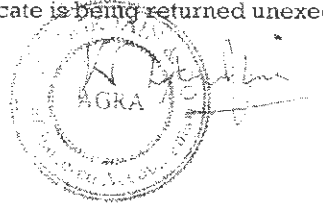

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अधिशाली अभियन्ता (वाणिज्य)
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some cases paid challans have not been produced. In specific words our observation is that T.D.S accounting needs immediate and effective correction so that deductions made under Sections 192, 194C, 194I and 194J are accounted for correctly and without any mistake. In the Trial Balance we have noticed large and unresolved differences in the figures under Debit, Credit, UPSEB and UPPCL and the Closing Balance under Accounting code 46.927, 46.928, 46.924, 44.401.

6. As per the notifications issued under the UPVAT ACT 2008 the government companies are required to deduct 4% from all the parties those who supply goods to the company and raise sales invoice for the sales consequence to this if VAT is more than 4% the balance amount shall be paid to the dealer and the deducted 4% shall be deposited by the company for which T.D.S certificate shall be issued to the dealer. Perhaps this has been introduced to club the possibility of concealing sales to government. We have noticed that despite specific instructions this has not been followed by any unit.
7. Almost in all the units they have utterly failed to follow the procedure prescribed under REVERSE CHARGE MECHANISM (in SERVICE TAX) while making payments to the contractors.
8. Large number of debit and credit entries under the head UPSEB is pending since long.
9. In large works projects contract is executed by some other zone/unit and the payments are made by some other unit
10. As per our observations in the zone many civil, criminal and consumer forum cases are pending and they are not being properly pursued by the management which results in losses of various kinds.
11. According to information and explanations given to us there are no dues of Income Tax, Wealth Tax, Service Tax and Cess which has not been deposited on account of dispute at KANPUR ZONE level.
12. On our examination of Cash Book and the Bank Balance as per Cash Book vis-à-vis bank balance with the bank statements there is vast difference which needs to be rectified.
13. Inter Unit transaction age wise detail not available and Subject to Reconciliation
14. Advance to supplier/Contractors is subject to confirmation
15. In Zone the material/Stock are not valued or accounted as per the guidelines prescribed in AS-2 (Valuation of Stock).
16. In the entire Zone, the Temporary Imprest is outstanding since 2005. It's recommended to the Zone take corrective actions for Adjusted the same.
17. In Kanpur Zone, the capitalisation process is not at par. The capitalisation process has been done on the estimation basis where as it should be done on work completion basis.
18. The following frauds and their present status during the financial year 2013-14 are as follows:

- (1) In EDD Farukhabad Mr. Ram Baboo Singh has perpetuated/ committed a cash fraud which has so far been quantified at Rs. 10,52,607/- (but this is not the final figure as per the management). The process of quantification of total amount of embezzlement is yet to be ascertained by the Company as we are informed that special audit is going on under the supervision of the Company. In the mean time a Recovery Certificate for Rs.10,52,607/- was forwarded to the D.M. Farukhabad who in return has informed that the defaulter Mr. Ram Baboo Singh has neither any movable property nor any immovable property and therefore Recovery Certificate is being returned unexecuted.


(प्रभाकर सिंह)
अधिकासी अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा



Mr. Ram Baboo Singh has also filed a petition no. 947/2011, Ram Baboo Singh v/s UP and Others before the RAJYA LOK SEVA ADHIKARAN (State Public Service Tribunal). This petition was fixed for "objections on admission" on 28/07/2011, on our specific inquiry proceedings on 28/07/2011 and the next date of hearing and the proceedings thereon was not be produced before us.

- (2) In EUDD Farukhabad a cash fraud has been perpetuated by Mr. Mahendra Singh. The process of quantification and ascertainment of total amount of embezzlement is in process. We enquired about the file and documents and were informed that the entire documents and file is in the custody of E. E. who was out of station and the record cannot be produced and therefore we are not in a position to make any comment on this fraud case

AGRA ZONE

1. Bank statements are not produced before us for verification, further, wherever bank reconciliation statements are available, there are old unexplained outstanding entries which need. The Trial Balance of the Zone is not annexed with the Statement on Accounting Policies as required by AS-1.
2. Total Revenue booked on account of sale of power is overstated in comparison to the actual amount of total bills issued to avoid reporting of high line losses. This leads to over booking of Revenue in Books but in actual, Bills issued to consumer of lesser amounts which leads to showing huge balances in Debtors. This over booking of debtors. leads to simply booking a notional revenue & vitiate the true and fair view of the financial position of the division and is in violation of AS-1 and 9. For Reference, **One such case is reported hereunder:-**

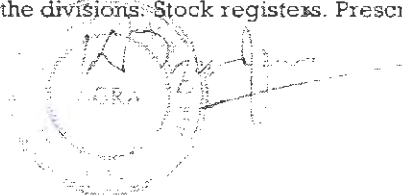
EDD III, Fatehabad Agra as under:-

Month	Amount as per Billing Ledger	Amount as per CS 4 (In Rs.)	Difference
May 2013	25,79,308.00	48,97,000.00	23,17,692.00
June 2013	27,32,437.00	50,08,000.00	22,75,563.00
July 2013	29,51,166.00	43,80,000.00	14,28,834.00
August 2013	38,23,362.00	46,36,000.00	8,12,638.00
September 2013	31,48,364.00	46,07,000.00	14,58,636.00
October 2013	28,29,410.00	45,73,000.00	17,43,590.00
November 2013	27,41,231.00	58,84,000.00	31,42,769.00
December 2013	30,39,723.00	58,83,000.00	28,43,277.00
January 2014	33,82,084.00	51,50,000.00	17,67,916.00
February 2014	25,27,814.00	49,54,000.00	24,26,186.00
March 2014	27,53,807.00	60,41,000.00	32,87,193.00
TOTAL €	3,25,08,706.00	5,60,13,000.00	2,35,04,294.00

This type of practice prevails in all divisions. Hence, the figures of sale of power are not reliable. For the lack of information in other division, we are unable to quantify its full effect on the financial statements

3. Total Revenue collection for sale of power is not recorded on actual basis among different types of consumers. These are booked against different categories of consumers. On estimated basis which has resulted into negative balances in some customers. Groups accounts. The instances of negative balances in consumers. Accounts are observed in some units viz EDD I Sikandra etc.
4. Proper Stock records have not been maintained in the divisions. Stock registers. Prescribed viz 4S &

Singh
(प्रभाकर सिंह)
अधिशाली अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा




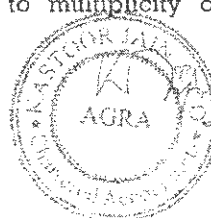
4T have not been kept in many divisions of Agra Zone. Hence, we are unable to comment on the materials/stock held and valued.

5. The stock at Divisions have not been physically verified by the concerning SDO/JE. Stock verification reports are not provided to us in spite of our repeated reminders.
6. As informed to us, the Stock at the divisions has been valued at cost. They are not valued at the lower of cost and their realizable value. Almost all the divisions have dumped/obsolete stocks and they should have been valued at the lower of cost and their realizable value. We are not provided with the valuation reports of these stocks. Hence, we are unable to quantify its effect.
7. Proper Stock records have not been maintained in the divisions of Agra Zone of the company. Stock registers. Prescribed viz 4S & 4T have not been kept in many divisions of Agra Zone. We are unable to comment on the discrepancies between physical stocks and book records as no physical verification of inventory has been made by the Agra Zone during the year. However, as per the information and explanations provided to us and as per the test check conducted by us in some cases, material amounting to Rs. 1,70,34,856.84 was found short during current year under audit and in previous years but Investigations are pending against such shortages even by the end of finalization of our audit. The details are provided as follows:

S.No	Unit Name	Amount	Particulars.
1.	UTD- Mathura	3,540.00	Material Shortage
2.	ETD- Mathura	9,04,300.00	Material Shortage – Continued from Opening
3.	EDD Shikohabad	20,83,013.20	Material Shortage – Continued from Opening
4.	UDD Firozabad	13,720.00	Material Shortage – Continued from Opening
5.	EDD-III Mathura	28,22,495.00	Material Shortage
6.	EDD-III Fatehabad	670,931.00	Material Shortage
7.	Other Divisions	1,05,36,857.64	Material Shortage
		<u>1,70,34,856.84</u>	

8. In some divisions, material is found in excess to the tune of Rs. 51,47,746.37. We are also not provided the fate of investigations of such excess. The Zone should have transferred this excess to Income account.
9. None of the Units/divisions have maintained/updated fixed assets registers. Hence, physical verification of fixed assets is not possible.
10. As per the accounting policy being followed by the company, the cost of fixed assets are recognised after receiving Assets Commissioning Certificate from the relevant technical authority. However, no asset commissioning certificate is provided to us for the assets capitalised during the year.
11. During the year, on various Divisions, the amount of Capital Work-in-Progress has been capitalized by transferring the value of project completed. The cost of project is verified by the concerning officer/ Executive Engineer. Due to multiplicity of functional units as well as


(प्रभाकर सिंह)
अधिसासी अभियन्ता (वाणिज्य)
द०वि०नि०लि० आगरा



multiplicity of function at particular units, employees cost and general & administration expenses to capital works are capitalised @ 15% on the rural electrification and deposit works and 11% on other works on the amount of total expenditure on ad-hoc basis. There is no proper appraisal of these percentages of capitalization. On account of these percentages, the overheads accounts became negative at some divisions.

12. The company has the wrong policy of capitalizing employees cost and general & administration exps. @ 11% of cost of computer on computer purchased and Furniture installed. Such capitalization is against the principles of AS-10. Hence, the Computer and Furniture of the divisions are overstated and employees cost and general & administration exps. are understated to the extent of the capitalisation. In the absence of information, we are unable to quantify its financial effect.

13. As per the information and explanations provided to us and as per the test check conducted by us, we found that in some cases, fixed assets amounting to Rs. 7,90,40,144 were found theft/misappropriated during year under audit and also in previous years. but Investigations were pending against such thefts/misappropriation even by the end of finalization of our audit. The details are provided at Para 1(b) of Annexure II to our audit report. We are not provided the fate of such investigations.

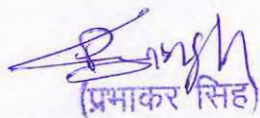
14. In some units, Fixed Assets Accounts have negative balances which are not conceptually acceptable. Negative Fixed Asset Account represents that either purchases are not properly booked and funds available for purchase and/or assets purchased are misappropriated or the fixed asset is not actually physically sold/withdrawn but bogus entries are passed.

Detailed enquiry is needed at the Head Quarter Level to expose these phenomena of negative fixed assets balances:-

S. No.	Unit Name	Name of Fixed Assets	Book
Value			
1.	UDD Firozabad 133,343,418.62	Plant & Machinery:- Trans. Plant 11 KV	-
2.	EDD- Shikohabad 327,877,019.55	Plant & Machinery	-
3.	ETD- Mainpuri 20,000.00	Vehicles	-
4.	EDD-II Mainpuri 95,857,806.75	Plant & Machinery: Trans. Plant 11 KV	-
5.	UDD-I Mathura 34,229,838.87	Plant & Machinery: Trans. Plant 11 KV	-
6.	EDD-I Mathura 38,410,748.00	Other Transformers.	-
7.	EDD-III Mathura 53,411,038.75	Trans.Plant 11 Kv & Above	-
8.	EDD-III Mathura 41,638,426.80	Other Transformers.	-
9.	ETD- Mathura 88,379.00	Vehicle	-
10.	EDD-Firozabad 20,000.00	Vehicle	-
11.	ETD- Agra 162,000.00	Vehicle	-
12.	EWD-Agra 250,000.00	Vehicle	-
13.	EWD-Agra 90,000.00	Computer	-

10




(प्रभाकर सिंह)

अधिसूची अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा

215

14.	EDD-II Agra 10,0136,970.00	Trans.Plant 11 Kv & Above	-
15.	TTZ-I, Agra 653,385.00	Jeeps & Cars.	-
16.	EDD-III, Fatehabad 223,830,117.00	Other Transformers.	-
			<u>(Rs. 1,050,019,148.34)</u>


Moreover, the Provision for depreciation regarding above negative fixed assets should also be written off.

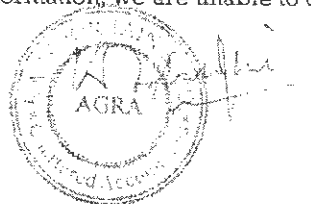
ii.) **Balance of Jeeps and Cars.**

As per physical inspection and as per confirmation from accountants, there is no jeep and car. Even then, the balances of Jeeps and Cars appears in the Trial Balance. Hence, Jeeps and Cars have been mis-appropriated.

S. No.	Unit Name	Name of Fixed Assets	Book Value of Stock
1.	EDD Sikandra	Jeeps and Cars.	428,890.00
2.	ECDD 64 Khamba	Jeeps and Cars.	675,785.00
			<u>Rs. 1,104,675.00</u>

15. The Zone has provided the depreciation as per the depreciation rates as prescribed under the Companies Act 1956. These are not updated as per Sec 123 read with Schedule II of the Companies Act 2013 as notified by MCA on 26th Mar 2014. Moreover, the Zone has not followed the depreciation rates as prescribed by CERC through CERC Regulations 2009 and 2010. In the absence of specific information, we are unable to quantify its effect.
16. There are many unreconciled entries in the Bank Reconciliation Statements of the division of Agra Zone since a very long period. In the absence of any information as to the nature of such entries, we are unable to comment on the impact of these on the state of affairs. of the Agra Zone.
17. There are many instances of cheques received against the dues of the company but not realised in the bank accounts of the company due to one or other reason. Such cheques and related entries are not being reversed in the books of account regularly. Had the reversal of such entries been made, the revenue of the company would have been lower by that amount.
18. The bank charges debited by bank to the bank accounts of the respective divisions have not been debited to expenses. Had these bank charges been debited to expenses accounts, the losses of the Zone would have higher.
19. **Stale Cheques:-**
There are various cheques issued and pending for presentation for a long period of time. Such cheques should be treated as dishonoured under Negotiable Instruments Act and can be written off considering the time permitted under law of limitations
20. Contribution received from Government/other bodies/customers. etc for acquisition of fixed assets are credited to capital reserve. This treatment is not in accordance with AS-12. It should have been deducted from the concerned assets.
21. The Zone has not complied with AS-15 fully. All employees cost are not accounted for as per AS-15. Long Term benefits and Retirement Benefits like Unearned Leave Salary, post retirement medical benefits etc. are not accounted under Unit Accrual Method under AS-15. These are accounted for on cash basis. On account of lack of information, we are unable to quantify its effect.



(प्रभाकर सिंह)
अधिसायी अभियन्ता (वाणिज्य)
दशविंशतिनिष्ठ अमरा

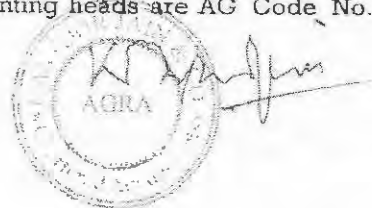


22. DVVNL has taken the land having Survey No. 161 (Allabaksh Sub Station, Sadar), Survey No. 319A, 320A and 525 (Bijlighar Sub station) on lease from Army (Raksha Sampda Vibhag). DVVNL has later on given these lands on sublease to Torrent Power Ltd. The main lease agreement has elapsed so many years ago; however, the DVVNL has not yet renewed the above lease. This may create some rental or other liability in future which are not yet provided for in the books
23. As per the information and explanation provided to us, the exercise of creating tax provision is done at Head Office level. Hence, Current Tax Provision and Deferred Tax Provision are not created as per AS-22.
24. No impairment test on assets are done during the year as required under AS-28. However, we are unable to quantify its effect
25. All money received from Contractors. / Suppliers. on account of Security Deposits, Earnest Money, other like items are subject to confirmation. The Zone has not maintained any control registers. Containing the information party wise regarding above balances. This is fraud prone area and the Zone may be exposed to high level of fund embezzlement, if control registers. are not maintained. Moreover, in the absence of control registers., the correctness of these balances are highly doubtful. In many divisions, the balances under these heads are negative which are fundamentally not possible.
26. Inter-unit accounts within Zone are also not tallied. This is a serious irregularity and is a highly fraud prone area and the Zone may be exposed to huge amount of loss, if Inter Units accounts are not tallied. As per the Trial Balance, Rs. 171,17,35,850.65 (Account Group Code 31.01) and Rs. 2,35,243.29 (Account Group Code 32.01) of balance is not tallied at Zone level which is a very sensitive issue
27. No provision is made in accounts of for Bonus payable to employees
28. Interest on Security Deposit for F.Y 2013-14 is paid @ 8.97% instead of @ 8.27% to some consumers. The excess payment of interest is charged as expenses in the books of accounts instead of showing them as receivable from consumers. Hence, the expenses of the Zone are overstated and receivables are understated to that extent. The Financial impact measured on sample basis is as under:-

Unit Name	Amount of over payment of interest (Rs.)
EDD I, Sikandra	54,101.00
Total	Rs. 54,101.00

29. The compliance of internal audit reports of FY 2012-13 of Units are pending by the finalization of our audit. Internal Audit for the financial year 2013-14 onwards are yet to commence by the finalization of our audit
30. The compliance of all CAG reports of Units (where CAG audit has been done) are pending by the finalization of our audit.
31. There are many accounting heads in the liability side and assets side where major part of balances are pending from a long time (more than 5 years.). These are fraud prone area and it is hereby recommended to adjust these balances with appropriate account heads or otherwise write them off to Profit & Loss Account as income, if they are effectively not payable under the Limitation Act or are not recoverable. Some of such accounting heads are AG Code No. 44.406, 44.407,

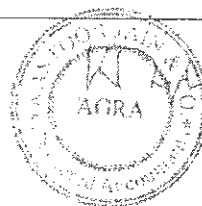

(प्रभाकर सिंह)
अधिसासी अभियन्ता (वाणिज्य)
द्वि०वि०नि०लि० आगरा



44.411, 44.410, 44.509, 42.101, 42.50, 43.1, 46.101, 46.103, 46.104, 46.123, 46.124, 28.401 A & B, 25.70, 26.50 and 26.70.

32. Some units have not followed the prescribed procedures and process of Open Tender Policy. No signatures of tenderers, appear on the tenderer attendance register. In some units, Tenderer Attendance Register is not maintained which may evidence the presence of tenderers, at the time of opening of tenders. Hence, the whole process may not be termed as open tender process and the Unit incumbent should not exercise the financial powers, granted in case of open tender policy. Tenders, are allotted on the basis of simply sealed quotation which is a clear cut case of violation of financial powers
33. Photostat Exps. are debited to Misc. Exps. Account while as per Circular No. 295 of company, it should be debited to Printing and stationery Exps Account and for Exps. above Rs. 250, the quotation should be obtained. Hence, to avoid the above procedures and measurement in MBs, these exps. are debited to Misc. exps. Account.
34. As per the information and explanations provided to us and on the basis of test checks done by us, we found that some divisions have made the over payment of works contracts for the amount beyond the delegated authority without taking the approval from higher authorities. These are as under:-
Unit Name
- a) EDD I Mathura Tender No. 5/13-14:- The agreement was executed between Ganesh Trader. Tender amounted to Rs. 93,055. It is signed by M G Garg (Ex. Eng.) There is no condition of payment of service tax and other taxes in addition to contract amount in the agreement. Even then, the division add the taxes to contract amount and paid the amount to the contractor.
- b) EDD I Mathura Tender No. 4/13-14:- The agreement was executed between Ganesh Trader. Tender amounted to Rs. 1,24,370. It is signed by M G Garg (Ex. Eng.) There is no condition of payment of service tax and other taxes in addition to contract amount in the agreement. Even then, the division add the taxes to contract amount and paid the amount to the contractor.
35. There are some irregularities in the units and divisions regarding adjustments of TIs. These are as under:-
- a) Several vouchers, of Rs. 250 are made to avoid M.B. for the same expenses.
- b) Generally, vouchers, are hand made receipts and self made and they are not signed by receiver.
- c) To Clear TIs, generally, the vouchers, of past years, are attached which are wholly unacceptable and is a clear cut case of embezzlement of funds. Moreover, these should be debited to Prior Period Exps. head. Many such vouchers are observed by us during our audit on test check basis at EDD-I, Sikandra, Mathura, Firozabad, Fatehabad Divisions etc.
- d) In some cases, the vouchers, having same Sr. No. and same issuing party are attached multiple times to clear TIs. In some cases, vouchers are having Sr. No. in sequence. These are clear cut cases of embezzlement of funds. The details found on test check basis are as under:-

Unit/ Division	Voucher No.	Amount	Name of J E	Date
EDD I, Sikandra	ME 108	5,000	Pushpendra Kumar Aherwa	31.03.2014
UDD III, Nunihai	ME 66	3925	Hari Singh Kashyap OAH	31.03.2014
	ME 59	5000	Ritesh srivastav OAH	30.04.2013
	ME 49	1680	Hari Singh kashyap OAH	31.03.2014
	ME 47	5000	Pushpendra Singh OAH	30.04.2013
ETD, Kamla Nagar	28	2000		30.11.2013



- e) There are many long pending TIs in many divisions. These are not timely and regularly adjusted. One such case is reported here in case of EDD I Mainpuri Division. These TIs are pending on 31.03.2014:-

S.No.	Name of Employee	T I opened on	Amount
1	Vijay Singh (ESI)	Up to 03/04	4500
2	M P Singh (ESI)	Up to 03/04	4500
3	M P Singh (ESI)	29.07.2004	16500
4	Kamlesh Kumar (ESI)	26.08.2004	4000
5	Kamlesh Kumar (ESI)	28.10.2004	8000
6	M L Bhashker, SDO	28.10.2005	10000
7	I P S dagar (JE)	11.02.2005	5000
8	Narendra Prakash (JE)	15.09.2005	1500
9	Narendra Prakash (JE)	30.06.2010	3000
10	Narendra Prakash (JE)	31.10.2010	1500
11	Narendra Prakash (JE)	03.11.2010	3500
12	Suraj Pal Manoj (ESI)	28.02.2006	17500
13	Praveen Kumar (JE)	28.03.2006	3000
14	Satya Prakash (JE)	06.10.2010	6000
15	Satya Prakash (JE)	03.02.2012	5000
16	Atulendra Kumar (JE)	08.08.2011	5000
Total			98500

- f) Fresh T.I.s. are opened in the name of same employees without closing earlier T.I. in the name of same employee. It is followed as holy practice in all divisions.

One such case where old T.I. not yet closed and new T.I. opened is reported on test check basis in case of EDD III Mathura

Many T.I. opened in the same name of Shri Satendra Kumar (J.E) for the same work which are closed on 31.03.2014

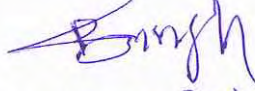
<u>Date of opening</u>	<u>Amount (in Rs.)</u>	<u>Particulars.</u>	<u>Amt.*no. of</u>
<u>Vouchers.</u>			

10/12/2013	5000	Winding Of Tripicol	250 * 20
11/12/2013	5000	Winding Of Tripicol	250 * 20
20/03/2014	3000	Winding Of Tripicol	250 * 12
04/12/2013	5000	Winding Of Tripicol	250 * 20
02/11/2013	5000	Winding Of Tripicol	250 * 20
02/11/2013	5000	Winding Of Tripicol	250 * 20
25/01/2014	5000	Winding Of Tripicol	250 * 20

36. As per the information and explanations provided to us and on the basis of test checks done by us, we found that many divisions are not deducting the telephone exps. beyond specified limits from the salary of employees.

These are as under:-

CLM 64 Khamba Telephone bill in excess of Rs. 590 not deducted from employees' pay.


प्रभाकर सिंह
 अधिशासी अभियन्ता (वाणिज्य)
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14



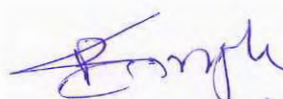
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Voucher No	Amount	Date
01	3564	05.03.2014
25	2002	25.11.2013
14	2748	10.10.2013

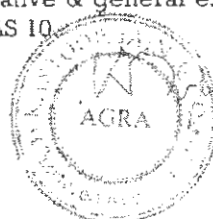
37. In some of the divisions, income tax has not been deducted / short deducted. Tax is not at all deducted on payment to *contracted employees; PRD Employees; and Payment to lawyers. etc.* There may be some liabilities of interest / penalty in future. Some of the divisions failed to submit or submitted belatedly Form 24Q and 26Q to Income Tax Department
38. In some of the divisions, VAT on Sale of Tender forms has not been deposited and provided for.
39. The intra company transfers of material to PVVNL/UPPCL etc. are not charged with VAT/CST
40. Under Reverse Charge Mechanism, the units / divisions are liable to pay service tax on certain parts of taxable value of works contracts and manpower services from July 2012
41. Interest on Security on Large consumer is provided @ 6% p.a. instead @ 8.97% p.a. for F.Y 2012-13 in EDD1 Mathura.
42. Provision made for Interest on Security for F.Y.2012-13 is Rs. 2,56,48,383 which is reversed In F.Y. 2013-14 but only Rs. 83,82,479 is paid to consumers out of that(The division is following the policy that Interest is only credited in Bill when demanded by consumer) in EDD1, Sikandra, Agra
43. This year, the fresh purchase of fixed assets amounting to Rs. 237,99,449.85 was done in Furniture and Building. However, the division management was unable to provide us the details of its approval and tender in CLM, Agra

ALIGARH ZONE

1. Fixed Assets shown in books of account to our observation are completely non- verifiable. Particulars of buildings, transformers (plant & machinery), line, cable network, etc. vehicles, furniture & fixture and office equipments have not been provided for our verification. Even the correct quantity of transformers and meters installed is not on record. Physical verification of fixed assets has not been carried by management. Fixed Assets Register has not been maintained. No work-in-progress register has been shown to us.
2. Depreciation in our opinion has not been correctly calculated. Followings are some of instances which shall affect the provision of depreciation;
 - a) All items of plant & machinery and lines, cable, network, etc. whenever acquired/ installed are being booked at first hand to 'Capital Work in Progress' however capitalized to respective sub-head of fixed asset at year end on estimate basis without any calculation and justification.
 - b) Contrary to significant accounting policy regarding capitalization of 'employee cost' and 'administrative & general expenses' @ 15% on distribution rural electrification and deposit works and 11% on other works, zone has adopted own method of calculating 15% of expenditure incurred on Secondary T & D Works (Code 14.6), RGC Work (Code 14.7), Office Equipment APDRP/ R-APDRP (Code 14.8001/ 8005) and Deposit Work (Code 14.9) and 11% of Office Equipment General (Code 14.84) and credited employee cost and administrative & general expenses accordingly. Attributable cost is not directly capitalized in accordance with AS 10.



 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दण्डिविनिर्माण अग्रस

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- c) Works completed but in absence of settlement of contractor's bills and/ or completion certificate, have not been capitalized and remained under Work -in Progress (Code 14).
- d) As the date of completion/ put to use of the assets, value thereof in respect of assets not capitalized and value of the scrapped assets, not ascertained, the quantum of depreciation could not be properly computed.
3. *Provision for Interest payable to REC on finance secured for APDRP Scheme has not been made*
4. Stock registers 4S and 4T have been kept however not maintained. Physical verification and valuation of divisional stores has not been carried. Huge quantity of materials stock valued above Rs.178 crore is lying under head 22. Stock found short has been debited to shortage (stock) a/c (Code 22.8) and not the recovery account of personnel responsible. Rs. 1.63 crore is outstanding under this head. *To our observation we are unable to comment on the materials/ stocks taken and valued. AS 2 is not complied with. Material issued to contractor has directly been charged the material to Cap/ O&M instead of booking through head 25.7 (cap)/ 26.7 (O &M). There is unexplained credit balance in Cont. Mat. A/c Cap. (Advance to Contractor under Code 25.7) amount Rs. 1.46 crore.*
5. Balances of debtors are unconfirmed and non -reconciled hence their correctness could not be ascertained. Large amount is under dispute and pending before various competent courts of law. RCs have been issued in large number of cases. Defaulters have not been classified into inoperative. There is no reasonable certainty of ultimate collection particularly where the customers are not traceable. Exercise of age determination of debtors has not been carried. Billing is not proper, in many cases it is pending for more than a year of so. In some cases where permanent disconnection proceedings have been initiated but billing still continued. Moreover there has been unexplained credit balance in Public Lamp (Receivable Agent Supp. under Code 23.103) Rs. 15.78 crore.
6. It is very serious to report that reconciliations of bank accounts are showing large unexplained differences. This includes large un-reconciled and un-identified credits and debits in bank accounts. Charges debited by banks have not been accounted in the books of account. Many un-cashed cheques which became time barred have not been reversed. *This will affect the value of assets & liabilities.*
7. Advance to Supplier/ Contractors includes large amount which is outstanding since long though large no. of works might have already been completed but pending for capitalization for want of necessary adjustment. *This will affect quantum of depreciation as well the profitability to great extent.* Under Advance to Supplier/contractor -capital (Head 25) and O&M (Head 26) Rs.22.73 and 6.56 crores respectively are outstanding which require reconciliation, confirmation and adjustment.
8. Interest Free Advance to Staff against house/building and vehicle advance under 'Other loan & advances' (Head 27.1) is showing *unexplained credit* amount Rs. 138357/-. Amount receivable from employees (Head 28.401A) Rs. 3.86 crore is not reconciled and subject to confirmation. This includes theft by employees at Sadabad unit debited this year Rs.218818/- and Rs. 7213237/-.
9. Inter unit accounts having large outstanding under various heads, i.e., 31, 36, 37, etc. are *completely un-reconciled* and require mandatory confirmations
10. Liability for Suppliers -capital (Head 42) Rs. 13.32 crore and O&M (Head 43) Rs. 73.75 crore is *not reconciled and subject to confirmation.* Large amount is due since long and pending for adjustment and/ or payment after due confirmation and verification.
11. Liability for staff (Head 44), i.e., salary, gratuity, pension, PF, insurance, claims and TDS, etc. includes *large amount which is outstanding since long and pending for adjustment and/ or payment after due confirmation and verification.*
12. Other liability & provisions (Head 46) are *completely un-reconciled* and require mandatory confirmations. Large amount is due since long and pending for adjustment and/ or payment after due confirmation and verification. Effect of adjustment, if carried, on profitability and balance sheet may not be denied


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
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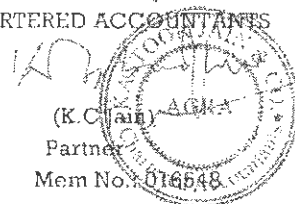
13. Security Deposit from Consumers and interest payable thereon (Head 48) is *completely un-reconciled* and require mandatory confirmations. No proper record regarding security deposit and computation of interest has been maintained.
14. Revenue assessment is not verifiable. Arrear shown in CS -3 & 4 as well in trial balance are not reconciled and not verifiable at all. It also differs from arrears shown in Debtors Ledger (Report 11). In spite of short estimation, revenue arrear is increasing year to year. At year end this has reached above Rs.1238 crore. Energy lost percentage shown while quantifying to energy purchased and energy sold is completely un-verifiable. This affects revenue assessment. *All this leads to simply booking the notional revenue & vitiate the true and fair view of the financial position of the zone and its violation of AS-1 and AS 9.* This may impact the profitability as well as assets status of entity
15. Provision for *Pension & Gratuity* shown in trial balance has *not been reconciled* with sectional journal 4
16. The internal control systems are not commensurate with the size of the company and nature of its business activities particularly in the area of fixed assets, inventory control, cash handling, reconciliation of bank accounts & inter unit accounts and accounting of capital and revenue work orders and stores. In all areas of functioning internal control to our mind is lacking.
17. During the year theft of fixed assets worth Rs. 1.23 crore (total stolen amounting Rs. 6.42 crore by end of the year is outstanding under 'Intangible Assets' Code 18) has been reported. Stock shortage Rs. 53315/- and excess 220834/- reported during the year (net shortage amounting Rs.1.63 crore by end of the year is outstanding under Stock Shortage A/c Code 22.8). Employees have been charged against theft of cash Rs.218818/- and 7213237/- at Sadabad unit of DVVNL.
18. Transactions regarding the material received and issued to and from various units/ suppliers/ contractors have been accounted in the books of accounts on the basis of record provided by the JE concerned and no further verification is available. ATD received from store and within Zone has not been reconciled/ maintained properly in order to verify the material received from them and corresponding adjustment entry to reduce liability (46.521/46.522). Also, Acceptance has not been received from store, workshop and within Zone in order to verify the right amount of material returned from site/ issued to them (31.01/31.02).

Subject to comments in foregoing and adjustment that may arise in respect of matters referred to therein and its consequential effect on the Loss for the year and other items of assets and liabilities in Balance Sheet, in our Opinion and to the best of our information and according to the explanations given to us, the said accounts give the information required by the Companies Act 1956 in the manner so required and give a true and fair view in conformity with the accounting policies generally accepted in India.

- 1) In the case of the Balance Sheet of the state of affairs of the Nigam as at 31st, March 2014.
- 2) In the case of the Profit and Loss Account, of the Loss of the Nigam for the period ended on that date.
- 3) In the case of cash flow statement, of the cash flows for the year ended on that date.

Place: Agra
Date: 11.05.2015

For M/S KASTOOR JAIN & CO.
CHARTERED ACCOUNTANTS



(प्रभाकर सिंह)
अधिशाली अभियन्ता (वाणिज्य)
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Annexure referred to in paragraph 3 of our report of even date

Re: Dakshinanchal Vidyut Vitran Nigam Ltd ('The Company')

- 1.a) Company is not maintaining proper records showing full particular, including quantitative details and situation of situation of fixed assets.
- b) Fixed Assets have not been physically verified by the management at reasonable intervals and as such we are unable to determine whether any discrepancies existed or not.
2. According to information and explanation given to us, the Nigam has not granted or taken any loans, secured or unsecured to/from Companies, firms or other parties covered in register maintained under sec-301 of the Act.
3. There is not an adequate internal control procedure to suffix with the size of the Nigam and the nature of its business, for the purchase of inventory, fixed assets and for the sale of electricity. There needs to be some strengthening of the internal control procedure in commensurate with the size of the business and its operation.
4. (a) According to information and explanation given to us, there is no transaction that needs to be entered in to the register in pursuance of section 301 of the Act hence this clause is not applicable.
(b) Due to above this clause is not applicable.
5. According to the information given to us, we are of the opinion that the Nigam has not granted loans and advances on the basis of security by way of pledge of shares, debenture and other securities.
6. The provisions of any special statue applicable to chit fund are not applicable.
7. According to the information and explanation given to us, the Nigam has not dealing or trading in shares, securities, debentures and other investment, therefore this clause is not applicable.
8. The company does not have any outstanding debenture during the year.

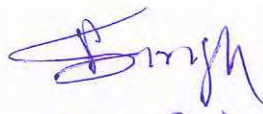
The following points are observed during the course of our audit of Admin section, Company Head Quarters & Agra, Kanpur, Jhansi, and Aligarh stores:-

Admin Section

1. The TDS return for Q-4 of 24Q has been filed having a difference of Rs.49746.00 and difference has been deposited in June 2014 of Rs.49476.00.
2. The Bank charges charged by Bank of Baroda have not been fully reimbursed from the bank.
3. The TDS return for Q-1 of 26Q has been filed having a one unmatched challan
4. The Admin Section has not maintained the Purchase register due to which the purchase amount debited in Trial are not reconciled.

KANPUR STORE:

1. In Store Division, Some TDS Challans & returns have not deposited on due dates. Due to which there may be an imposition of Interest and penalty in future.


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अधिरासी अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० अग्र

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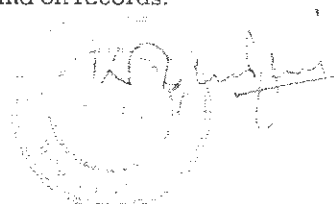
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2. The Security Deposit (in cash and other than cash) ,Retention money and EMD registers were not maintained properly and even un reconciled.
3. IUT (cash) within zone and out of zone should be reconciled as on 31.03.2014.
4. IT deducted at source on payment to contractor should not be in debit as on 31.03.2014. It requires urgent reconciliation.
5. Liability for payment of Sales Tax should not be in debit as on 31.03.2014. It requires urgent reconciliation.
6. Service Tax should not be in debit as on 31.03.2014. It requires urgent reconciliation. There is no system of cenvat credit in service tax.
7. Amount recoverable from employees o/s balance as on 31.03.2014 was Rs.40.91 lacs out of which opening balance was Rs.33.26 lacs. Addition of Rs.8.65 lacs has been done during the financial year and recovery during the year was Rs.1.01 lacs. The Nigam should take some strict steps to recover such NPA accounts.
8. Advance to supplier/Contractor has been raised from Rs.92.23 lacs to Rs.164.91 lacs in which addition of Rs.209.78 lacs has been done and recovery/goods of Rs.137.10 lacs received from contractor. The advance has been given to M/s SAIL.
9. In some centres, negative balances of some items were found while random verification of 2-S register. Moreover, the balance of the stock items of first half has not been properly carried forward to next half.
10. 3S and 4S registers were not updated in all store centre.

JHANSI STORE:

1. A fire occurred on 25.03.13 in Orai store in which stocks of different items were damaged. The physical of the stores were taken by Mr Pherulal Rajput and Mr. Anil Pathak, the report of which was submitted on 06.02.14. According to this report, total 644 items were damaged in this incidence. The report of the damaged items was handed over to a committee comprised of three persons headed by Shri Anshul Agarwal. This committee has been formed on 03.07.13 vide letter no.F-2/03.07.13 by Shri O.P.Jain, MD (DVVNL). The report of this committee is pending as on the date of our visit.
2. Amount recoverable from employees (stock) was having o/s balance as on 31.03.2014 was Rs.69.43 lacs out of which opening balance was Rs.33.86 lacs. Addition of Rs.36.47 lacs has been done during the financial year and recovery during the year was Rs.0.90 lacs. The Nigam should take some strict steps to recover such NPA accounts.
3. Advance to supplier has credit balance of Rs.387815.00 which cannot be possible.
4. The Security Deposit (in cash and other than cash) ,Retention money and EMD registers were not found.
5. No Vat has been paid on tender fees collection during the year.
6. TCS returns (form 27EQ) for June-2013 deposited on 26.09.2013 and for September-2013, challans unmatched.
7. The outstanding ATC details as on 31.03.2014 were not found on records.


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अधिशाली अभियन्ता (वाणिज्य)
दणविणविणिलिण आगरा



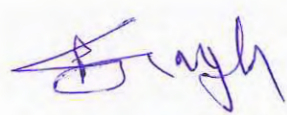
8. The service tax amounts for the month of December-13, January-2014 and February-2014 were paid on 13.03.2014 (which was late) also Service Tax return acknowledgements for the year 2013-14 were not found on records.
9. There is no system of cenvat credit in service tax in the Jhansi Store.
10. In Store Books, negative balances of some items were found while random verification of 2-S register. Moreover, the balance of the stock items of first half has not been properly carried forward to next half.
11. 3S and 4S registers were not updated in all store centre.

AGRA STORE:

1. Purchase Register not maintained in stores, so purchases cannot be verified.
2. VAT paid on purchases were capitalized by the divisions which need to be claimed as ITC during the payment of output VAT tax.
3. The stores division has not availed a cenvat credit of Service tax on Repair Bills, Consultancy Bills etc at the time of payment of Service Tax. Further Reverse Charge Scheme and abatement provisions on freight have not been followed in the store.
4. There were many ATD and ATC which were pending since long.
5. Valuation of stock U/H 22.770 has been taken by the division on the very lower side which results to credit balance under this head.
6. Advance to Steel Authority of India of Rs.20403768.00 U/H 25.5.5 has been given out of which Rs.10127266.00 has been credited against Bill purchase to Agra but balance amount is still pending in the head which belongs to Kanpur division which need to be transfer to purchase account.
7. The Bank charges charged by the banks during the year need to be reversed as no bank charges can be charged as per MOU signed.
8. The Security Deposit (in cash and other than cash) ,Retention money and EMD registers were not maintained properly and even un reconciled.

ALIGARH STORE:

1. There were many instances when cheque was issued for self withdrawal on 15.07.2013 and cash has been entered in cash book on 17.07.13. This type of practice should be minimized.
2. An amount of Rs.3388/- has been paid as Interest Paid on service Tax during F.Y.2013-14.
3. The excess amount of stocks which were found during physical verification should be transferred to income which was not done at Aligarh store.
4. The Balance of Security Deposit and Retention money found Nil at the end of 31st March 2014 which is practically not possible.
5. The acknowledgement receipt of service tax return from Oct-March 2014 has not been found in records.
6. In Store Books, negative balances of some items were found while random verification of 2-S register. Moreover, the balance of the stock items of first half has not been properly carried forward to next half.


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7. 3S and 4S registers were not updated in all store centre.

COMPANY HEAD QUARTERS:

1. Under accounting head 27.101 (House Building Advance), a credit balance of Rs 1427993/- is outstanding as on 31st March 2013 which is either a excess recovery or a wrong booking.
2. The credit balances of fixed Assets U/H 10.730 , 22.680 and 22.690 of Material in transit(Material Stock) which is due to transfer scheme still not finalised as reported to us.
3. The credit balances in some heads of WIP cannot be possible majorly due to transfer scheme as reported to us.
4. U/H 28.401A and 28.401B of Amount Recoverable from Employees, there was heavy increase in the balance as compared with the opening balance due less recovery and heavy increment. The Nigam should take proper steps to recover such non performing amounts.
5. U/H 46.122 of Security deposit other than cash (O & M), there has been no transaction in this head except opening balance which means no cheque/draft/ Banker cheque as security deposit has been received during the year which is practically not possible.
6. U/H 46.924, Income tax deducted at source from contractors, there was a debit balance of Rs. 43,81,477.42 which means either excess payment or wrong booking. It should be rectified at the earliest.
7. Under Accounting head of provisions of staff related liability, there is an amount of debit balance occurred at the end of 31st March 2014 due to opening balance.
8. The various Inter Unit Transactions and balances with UPPCL and its subsidiaries are subject to confirmation.
9. The Service Tax amounting Rs.1285187.00 and Cess amounting Rs.642379.00 was outstanding as on 31.03.2014 for payment.
10. U/H 48.304 Interest Payable on Public Light is having debit balance of Rs.603615.70 which is not at all possible.


NIGAM COMPILED BALANCE SHEET

1. Amortization of grant received in respect of Capital assets has been done towards the cost of assets which is not as per AS-12 (Accounting of grant received)
2. In the unsecured loans, no documentary evidence has been provided to us which can prove its maturity pattern (whether they are current or Non current in nature). This bifurcation has been done in the Balance Sheet On the Basis of Instruction received from UPPCL ,Lucknow as Reported to us.
3. The Provisions of Staff related Liabilities like earned Leave/Leave encashment has not been done by nigam as per the Guidelines prescribed in AS-15 (Accounting of the Provisions of Employees Benefits) issued by Institute of Chartered Accountants of India according to which the liability of leave encashment amount to be paid at the time of retirement should be provided for in the Accounts every year on accrual basis.


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दण्डविभागनिलो आगरा



4. The Provision of Bonus payment has not been done on the basis of any prescribed formula.
- 5.(a) The credit balance in scrap sale head under code no.46.922 which is a parking head is not proper as whatever amount received from the sale of scrap has been credited in this head and whatever amount has been billed to scrap dealers has been debited in this head then question of heavy credit balances(except amounts outstanding as on 31.03.2014 against scrap of undelivered goods) cannot arise & conceptually not accepted.
- 5.(b) In the similar manner the balances in the code 22.770 shows heavy credit balances carried forward from the last earlier years which is due to the lower valuations of scrap materials as compared to the current market prices as reported to us. This process of valuation of scrap material should be amended so that correct picture of income from scrap and value of closing stock shall be arrived.
6. Interest accrued but not due on borrowings has been done on the basis of instructions/details given by UPPCL, Lucknow. There is no such calculation sheets made available to us for verification.
7. The balance under head security deposit from consumers also does not show correct figure as the outstanding balance does not include opening balances of securities at the time of incorporation of the Nigam but provision of interest on security deposit from consumers in the current year has been done on the total deposit and opening balance at the time of incorporation of Nigam. So both the figures of deposits and provision of interest are not in tune with each other.
8. The Nigam has not maintained a fixed assets register nor done the physical verification of Assets as per comments of Branch Auditors. So we are unable to comment on the accuracy of the balance of Fixed assets and the Quantum of Depreciation charged on it.
9. The Nigam has not given the age wise detail of the Sundry Debtors & Advance given to supplier/Contractors as per the requirement of Revised Schedule VI.
10. The Nigam has charged Bank charges as on 31st March 2014 which should be reimbursed from bankers. So these bank charges should be capitalized in current assets (to be recovered in coming years).
11. Insurance of Stock has not been taken by all store divisions.
12. There are so Many unreconciled entries and stale cheques are outstanding in the BRS of Divisions as on 31st March, 2014 which need to be reconciled.
13. It is the general practice in the store divisions that TI and TA advances given to its employees have been adjusted during the month of March, 2014 where the same were opened in any month even in April-2013. Further the same were issued one after another before adjusting the previous one.
14. The Debit amount under the head sale of scrap pending at the end of the year 31st March 2014 due to non issuance of ATDS to the Respective Stores.
15. The Telephone Bills payment Register have not updated by the Store Divisions during the Current Year.
16. All the payments done after almost one year so liability created at the time of payment hence liability of VAT, TDS etc all were created after one year.


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 अधिशासी अभियन्ता (वाणिज्य)
 दण्डिविनिर्माण आगरा



17. Vat paid on the purchases either Capitalized or charged to Profit & Loss a/c instead of claim it as a Input VAT which can be either adjusted from Output VAT on actual payment of VAT or claim as refund from the VAT department.
18. In case of unpaid liability of GPF/CPF to Provident Fund Trust towards contribution of employees of PF, no provision of payment of interest on unpaid amount to Trust has been made for the financial year which resulted to understatement of liability to PF trust.
19. There were some cheques received from the consumers against sale of power and deposited in the banks which remain un cashed and became time barred. These should be taken back in the Sundry Debtors.
20. The liability for pension and gratuity in respect of employees should be determined on the basis of actuarial valuation and should be accounted for on accrual basis. The above said provision has been made on the basis of PWC Actuarial Valuation Report of 2000 where as this report was valid for three years. Further the period of the report has expired long back. The company has been doing provisions as per this report which is violation of AS-15.
21. In the case of TDS deducted against the wheeling charges of Power, the Nigam has received a notice from TDS department for non compliance. Finally the matter is in Appeals. The Appeal of the Nigam shall be decided within next three months i.e. up to 06.07.2015. Till that date, the department shall not take any coercive measures.
22. The provision of estimated loss has been charged to Profit & Loss statement of Rs.2362.81 lacs against theft of fixed assets as on 31.03.2014.

23. Current status of Frauds (embezzlement) as reported to us is as under:

1) EDD-1ST/EDD 1ST IND, ALIGARH:


In the year 2004-2005 embezzlement was made by Shri T. K. Goswami clerk & FIR was also lodged now as reported amount of embezzlement was rupees 798265.00 beside, the uncertain amount collected though four receipt books not return by Mr. T.K. Goswami has been terminated from service written off this amount is proposed. The matter is still pending for decision.

2) EUDD-V, SHAHGANJ AGRA

In the year 2005-2006 Manoj Jouhary O.A. 2nd under SDO 1st & 3rd Avas Vikas Colony, Agra collected cash from the consumers in the month of July & October 2006. from the total collected cash realization of these two months he depositing rupees 1483884.00 less in the bank & the records were sealed by the department. The finding of enquiry committee was that rupees 1248834.00 along with annual interest @ 18% from his salary & he will not be posted either on confidential post or at revenue related work. As per current status, the recovery proceeding has been initiated by rupees 8062.00 per month with interest since January 2012 and during the F.Y.2013-14, an amount of Rs.116707.00 has been recovered from him.

3) EDD-2, MAINPURI

In the year 2009 it was found that during the period 29-10-2007 to 31-07-2009, total 143 revenue receipts have been issued to Shri Manik Chandra out of which 133 revenue receipts books were utilized for cash collected for the consumers. The total cash collection was rupees 18978633.00 but Shri Manik Chandra has deposited only a sum of rupees 18018919.00. There was a short deposition of Rs. 959714.00 to the main cashier. Mr.Manik Chandra has been terminated from the post since 24.08.09. The FIR has been lodged against Mr.Manik Chandra. An amount of Rs 920415.00 have been accounted as sundry advances in monthly account 02/2011. This case is pending in Supreme Court.


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दण्डविनिर्देशक आगरा



4) EUDD-III, YAMUNA BANK POWER HOUSE, AGRA

In the year 2008, it was found that Shri Mahaveer Singh, T.G. 2, was indulged in the malpractices by way of issuing incorrect receipts of higher amount, wherein he embezzled of estimated total amount of Rs. 22.34 lacs, police complaint has been lodged and civil and criminal suit for the recovery of the embezzled amount has been filled. In October 2009 he was terminated. As per current status case is still pending in court.

5) EDD-SADABAD

An embezzlement of Rs. 74,12,055.00 has been conducted by Mr. Rajesh Kumar Saraswat, OA-III who was suspended during the year 2013-14. The FIR has already been lodged against him. The action against him is in process.

6) EDD-III, ALIGARH

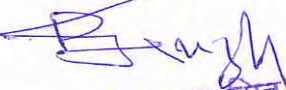
An amount of Rs. 1637874.00 has been paid to Mr. Satyapraksh, TG-II during the year 2013-14 due to excess service made by him. The retirement date of Mr. Satyaprakash was due on 31.01.2006 whereas he was intimated for retirement on 30.06.2012.

Place: Agra
Date: 11.05.2015

For M/s Kastoor Jain & CO.
(Chartered Accountants)

(K.C. Jain)
Partner

Mem No: 016648


(प्रभाकर सिंह)
अधिकासी अभियन्ता (वाणिज्य)
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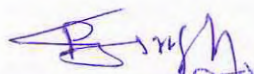
**DAKSHINANCHAL
VIDYUT VITRAN NIGAM LIMITED**

**BALANCE SHEET
AS AT
31.03.2014**

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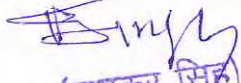
**STATEMENT OF PROFIT AND LOSS
FOR THE PERIOD FROM
01.04.2013
TO
31.03.2014**

**REGISTERED OFFICE
URJA BHAWAN, 220KV SUB STATION, AGRA**


(प्रभाकर सिंह)
अधिकासी अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा

CONTENTS

Sl No.	Particulars
1	Balance Sheet
2	Statement of Profit and Loss
3	Note (BS/01 to BS/16 & PL/01 to PL/08)
4	Significant Accounting Policies
5	Notes on Accounts
6	Balance Sheet abstract and Nigam's General Business Profile
7	Cash Flow


(प्रभाकर सिंह)
अधिशाली अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

BALANCE SHEET AS AT 31.03.2014

(Amount in Lacs)

PARTICULARS	NOTE NO.	AS AT 31.03.2014	AS AT 31.03.2013
A EQUITY AND LIABILITIES			
1. Shareholder's funds			
Share Capital	BS/01	194637.74	194637.74
Reserves and Surplus	BS/02	(1799688.83)	(1270025.77)
2. Share Application Money pending for allotment	BS/03	206233.52	112058.75
3. Non-Current Liabilities			
Long Term Borrowings	BS/04	1752545.20	1027493.35
Deferred Tax Liabilities (Net)		-	-
Other Long-Term Liabilities		-	-
Other Long-Term Provisions		-	-
4. Current Liabilities			
Short Term Borrowings			
Trade Payables	BS/05	449419.47	575226.84
Other Current Liabilities	BS/06	280771.96	335278.83
Short Term Provisions	BS/07	2696.76	3893.20
Total		1086615.82	978572.94
B Assets			
1 Non-Current Assets			
Fixed Assets			
Tangible Assets	BS/08	335807.57	306417.68
Intangible Assets	BS/09	0.00	1896.03
Capital Work in Progress	BS/10	69451.56	57929.06
Intangible Assets under Development		-	-
Non-Current Investment		-	-
Deferred Tax Assets (Net)		-	-
Other Non-Current Assets	BS/11	1555.13	930.29
Net Block		406814.26	367173.06
Long Term Loans and Advances	BS/12	640.74	1004.62
2 Current Assets			
Inventories			
Storers & Spares	BS/13	73396.34	71918.80
Trade Receivables	BS/14	458306.81	408082.17
Cash & Cash Equivalents	BS/15	70140.35	59837.59
Other Current Assets	BS/16	77317.32	70556.70
Total		1086615.82	978572.94

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

(A.K. Gupta)
Dy. General Manager (FA & A)

(Saroj Kumar Mishra)
Director (Finance)

(Prabhu N. Singh)
Managing Director

Date: 11-05-2015
Place: Agra

Subject to our Audit Report of even date separately annexed.
For M/S KASTOOR JAIN & COMPANY
CHARTERED ACCOUNTANTS

(प्रभाकर सिंह)
अधिशाली अभियन्ता (वाणिज्य)
द०वि०वि०निलि० आगरा

(K.C. Jain)
Partner
Membership No. 016548

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

STATEMENT OF PROFIT AND LOSS FOR THE YEAR ENDED ON 31.03.2014

(Amount in Lacs)

PARTICULARS	NOTE NO.	For the year ended on 31.03.14	For the year ended on 31.03.13
INCOME			
Revenue from Operations	PL/01	508848.48	402880.65
Less : Electricity Duty		28573.22	13567.12
Energy Internally Consumed		4097.45	3932.17
Other Income	PL/02	103633.55	131199.34
Total		588006.26	524445.04
EXPENDITURE			
Cost of Materials Consumed			
Purchase of Power	PL/03	798001.96	625654.23
Transmission Charges		24889.45	30156.19
Employees Cost	PL/04		17027.68
Finance Cost	PL/05		155937.40
Operations and other Expenses	PL/06		41087.23
Depreciation	PL/07	22788.41	20922.59
Amortization of services line contributions & Grants etc		5220.34	4380.55
Total		1054511.79	865776.05
PROFIT/(LOSS) Before Prior Period & Exceptional Item		(466505.53)	(341331.01)
Net Prior Period Income/(Expenditure)	PL/08	(85594.49)	4924.98
Exceptional Items		-	-
Net PROFIT/(Loss)		(552100.02)	(336406.03)
Extra Ordinary Items		-	-
Profit Before Tax		(552100.02)	(336406.03)
Tax Expenses		-	-
Accumulated loss brought forward		(1366216.00)	(1029809.97)
Accumulated Profit/(Loss) Carried Over to Reserve & Surplus Note BS/02		(1918316.02)	(1366216.00)
Notes on Accounts	PL/09		
Earning per shares (in Rs.)		(0.03)	(0.02)

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

(L.K. Gupta)
Dy. General Manager (FA & A)

(Saroj Kumar Mishra)
Director (Finance)

(Prabhu N. Singh)
Managing Director

Date : 11-05-2015
Place : Agra

Subject to our Audit Report of even date separately annexed.
For M/S KASTOOR JAIN & COMPANY
CHARTERED ACCOUNTANTS

(K.C. Jain)
Partner
Membership No.: 046548

(प्रभाकर सिंह)
अधिशाली अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/01

SHARE CAPITAL

(Amount in Lacs)

PARTICULARS	AS AT 31.03.2014		AS AT 31.03.2013	
	No. of Shares	Amount	No. of Shares	Amount
A. AUTHORISED 40000000 Equity Shares of Rs 1000/- each	40000000	400000.00	40000000	400000.00
B. ISSUED SUBSCRIBED AND PAID UP i) Equity Shares of Rs1000/- each fully paid up allotted to UPPCL for consideration other than cash pursuant to DISCOMS Transfer Scheme, 2003 ii) Equity Shares of Rs 1000/- each fully paid up allotted to Promoters	19463274 500	194632.74 5.00	19463274 500	194632.74 5.00
Total		194637.74		194637.74

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

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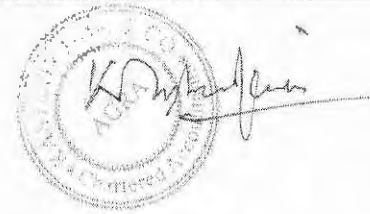


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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

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							
Year ended 31 March, 2013							
- Number of shares	19,463,774	-	-	-	-	-	19,463,774
- Amount (In Rs.)	194,637.74						194,637.74
Equity shares fully paid up							
Year ended 31 March, 2014							
- Number of shares	19,463,774	-	-	-	-	-	19,463,774
- Amount (In Rs.)	194,637.74						194,637.74



(प्रभाकर सिंह)
अधिरासी अभियन्ता (वाणिज्य)
दक्षिणविद्युत निगम अग्रा

2014

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

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

Particulars	Equity shares with UPPCL
	Number of shares
As at 31 March, 2014	
UPPCL, the holding company	19463274
As at 31 March, 2013	
UPPCL, the holding company	19463274

Details of shares held by each shareholder holding more than 5% shares:

Class of shares / Name of shareholder	As at 31 March, 2014		As at 31 March, 2013	
	Number of shares held	% holding in that class of shares	Number of shares held	% holding in that class of shares
Equity shares with UPPCL	19463274	99.99	19463274	99.99

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

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

1. 238290 fully paid Equity shares of Rs. 1000 each were allotted upto the F.Y 2011-12.
2. 15763084 fully paid Equity shares of Rs. 1000 each were allotted in the year 2012-13.

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(प्रभाकर सिंह)
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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/02

RESERVES AND SURPLUS

PARTICULARS		AS AT 31.03.2014	AS AT 31.03.2013
A CAPITAL RESERVE			
i) Consumers Contribution towards			
Service Line and Other Charges			
Opening Balance		79034.59	66422.50
Add: Additions during the year		20680.30	16150.74
Less: Deductions/Adjustments during the year		4245.30	3538.65
Closing Balance		95469.59	79034.59
ii) Subsidy towards Cost of Capital Assets			
Opening Balance		17038.77	17405.97
Add: Additions during the year		6977.00	474.70
Less: Deductions/Adjustments during the year		975.04	841.90
Closing Balance		23040.73	17038.77
iii) Re-Structuring Account			
Opening Balance		116.87	116.87
Add: Additions during the year		0.00	0.00
Less: Deductions/Adjustments during the year		0.00	0.00
Closing Balance		116.87	116.87
Sub Total (i+ii+iii)		118627.19	96190.23
B Surplus in Statement of P & L Account			
Opening Balance		(1366216.00)	(1029809.97)
Add: Profit/(Loss) for the year		(552100.02)	(336406.03)
Closing Balance		(1918316.02)	(1366216.00)
Total (A+B)		(1799688.83)	(1270025.77)

Note : Amortisation has been done on the subsidy towards cost of Capital Assets.

NOTE-BS/03

SHARE APPLICATION MONEY

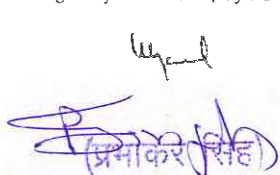
PARTICULARS		AS AT 31.03.2014	AS AT 31.03.2013
SHARE APPLICATION MONEY			
Pending for allotment to UPPCL		206233.52	112068.75
Total		206233.52	112068.75

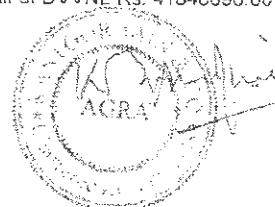
Reconciliation of Share Application Money

Share Application Money as on 31.03.2013	Received during the year	Allotted during the year	Share Application Money as on 31.03.2014
112068.75	94164.77	0.00	206233.52

Note:- Following amounts have been converted into share application money during the F.Y 2013-14 :-

1. Cash received against Business Plan, PTW, V.V.Nidhi and S.V.Yojna Rs 3697221000.00
2. Through adjustment R.G.G.V.Y. and fund released to UPPTCL for 33/11 KV Bay Rs123553083.00
3. APDRP and World Bank Loan convert into share application money Rs.860556000.00
4. Through adjustment for Operational Losses Amounting to Rs. 4693300000.00
5. Through adjustment of payment made by UPPCL for consultancy charges on behalf of DVVNL Rs. 41846596.00


 प्रकाश सिंह
 अधिशासी अभियन्ता (वाणिज्य)
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237

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-B5/04

LONG TERM BORROWINGS

(Amount 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
A. SECURED LOAN:				
<u>TERM LOANS</u>				
(i) Power Finance Corporation Ltd. (Secured against hypothecation of lines & substations etc under APDRP Scheme and against receivables of specified receipt accounts through escrow arrangements)	30172.91	32345.82	2172.91	2172.91
(ii) Rural Electrification Corporation Ltd. (Secured against hypothecation of current assets, hypothecation of assets to be created under APDRP Scheme and against receivables of specified receipt accounts through escrow arrangements)	48576.56	34450.88	1887.96	1318.95
(iii) REC (Working Capital Loan) (Secured against charge on current assets and receivables of specified receipt accounts through escrow arrangement)	23.26	1694.47	1666.67	9696.97
Sub total - (A)	78772.73	68491.17	5727.54	13188.83
B. UNSECURED LOAN:				
<u>TERM LOANS :</u>				
(i) Govt. of U.P. (T/Scheme)	250.00	250.00	0.00	0.00
Govt. of U.P. (APDRP)	0.00	4185.55	0.00	367.30
Govt. of U.P. (World Bank)	0.00	3748.65	0.00	284.06
(ii) <u>FINANCIAL INSTITUTIONS</u>				
REC (T/Scheme) (Guaranteed by Govt. of UP)	14984.34	14904.31	0.00	919.85
(iii) PFC (T/Scheme) (Guaranteed by Govt. of UP)	226.15	370.83	0.00	0.00
(vi) <u>BONDS</u>				
REC	34985.83	0.00	0.00	0.00
PFC	35874.65	0.00	0.00	0.00
Bank Loans	413711.85	0.00	0.00	0.00
(vii) <u>MISCELLANEOUS INSTITUTIONS</u>				
Hudco Loans	15573.47	22496.50	7876.10	6029.00
U.P.State Industrial Development Corporation Ltd.	0.54	0.54	0.00	0.00
Housing Development Finance Corporation Ltd.	0.07	0.07	0.00	0.00
(viii) <u>LOANS (Transferred by Holding Co.)</u>				
Bank Loans	925639.08	765808.59	0.00	0.00
REC	111987.71	43500.00	0.00	0.00
PFC	112876.53	91251.14	0.00	0.00
NOIDA	7662.25	8324.00	0.00	0.00
Mandi Parishad	0.00	4162.00	0.00	0.00
Sub total - (B)	1673772.47	959002.18	7876.10	9620.20
Total (A) + (B)	1752545.20	1027493.35	13603.64	22809.03

Note:- 1. Loan amounting to Rs. 58168866808.00 has been received by Holding Company UPPCL on behalf of DVVNL From Bank Loans, REC, PFC, NOIDA & Mandi Parishad in which all the terms of sanction, ROI, tenure, purpose etc are with UPPCL and no informations are with DVVNL.

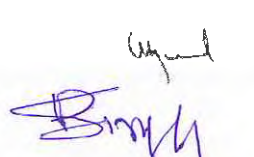
2. 9.98% Secured Non-convertible Bonds each Rs. 1.00 Lac allotted on 04.10.13, 14.10.13 and 31.12.13 to Banks, REC and PFC for Rs. 31795303249.00 against previous year Loans.


3. Fresh BOND amounting to Rs. 16661930413.00 has been issued by Holding Company UPPCL on behalf of DVVNL to different Banks.

4. The Loan of Rs. 11141.55.00 lacs Has been sanctioned for construction of 33/11 KV sub-stations and associated lines from REC of 13.00% p.a against which disbursement of Rs. 4851.62 lacs has been disbursed during the F.Y 2013-14 balance shall be disbursed in the coming years as per progress. (Tenure for 13 years)

5. U.P.Govt. APDRP & World Bank Loan has been converted into share application money amounting to Rs.660556000.00 as per instructions of Holding Co. UPPCL

6. In above fresh loans taken by UPPCL, no charge has been created in DVVNL as these loans were taken by UPPCL and subsequently the devide them in different Discorns. So charge in ROC has been done by UPPCL.


 (प्रभाकर सिंह)
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 200

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/05

TRADE PAYABLES

(Amount in Lacs)		
PARTICULARS	AS AT 31.03.2014	AS AT 31.03.2013
Liability for Purchase of Power (Uttar Pradesh Power Corporation Ltd.)	325330.11	451206.77
Liability for Transmission Charges (Uttar Pradesh Power Transmission Corporation Ltd.)	71273.16	63338.86
Other Payables		
Liability for Capital Supplies/ Works	52816.20	60681.21
Total	449419.47	575226.84

NOTE-BS/06

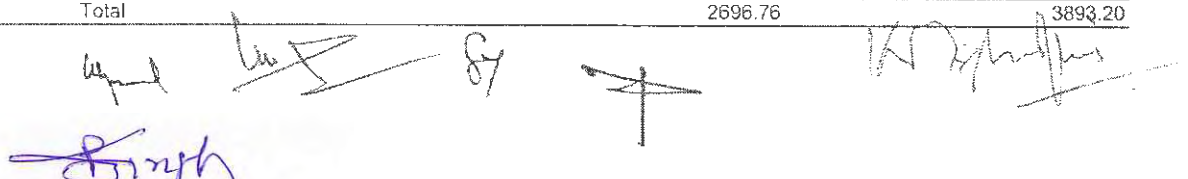
OTHER CURRENT LIABILITIES

(Amount in Lacs)		
PARTICULARS	AS AT 31.03.2014	AS AT 31.03.2013
Current Maturities of Long Term Borrowings	13603.64	22809.03
Interest Accrued		
Interest accrued but not due on Borrowings	7612.01	4513.13
Interest accrued & due on Borrowings	28816.51	25036.98
Sundry Liabilities	32404.54	30605.15
Staff Related Liabilities	8218.35	10085.89
Deposits and Retentions from Suppliers & Others	9343.68	5131.28
Electricity Duty and Other Levies payable to Govt.	32335.28	18770.73
Deposits for Electrification Works	8868.87	5028.29
Liabilities towards UP Power Sector Employees Trust		
Provident Fund Liabilities	25384.88	24572.64
Amount Payable to :		
U.P Power Corporation Limited	63173.73	144719.50
KESCO	805.28	669.12
Madhyanchal Vidyut Vitran Nigam Limited	8786.20	7670.46
U.P Jal Vidyut Nigam Limited	0.02	0.00
Paschimanchal Vidyut Vitran Nigam Limited	1355.44	0.00
U.P Rajya Vidyut Utpadan Nigam Limited	21.58	0.00
	74142.25	153059.08
Security Deposits from Consumers	35012.14	31343.37
Add : Interest on Security Deposits from Consumers	4577.61	4023.68
	39589.75	35367.05
Liabilities for Expenses	435.68	280.76
Liabilities for Audit Fees Expenses (Net)	16.54	18.82
Total	280771.96	335278.83

NOTE-BS/07

SHORT TERM PROVISIONS

(Amount in Lacs)		
PARTICULARS	AS AT 31.03.2014	AS AT 31.03.2013
PROVISION FOR EMPLOYEES BENEFITS		
Pension & Gratuity	2696.76	3787.25
OTHER PROVISIONS		
Provision for Fringe Benefits Tax	0.00	105.95
Total	2696.76	3893.20


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
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230

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-B5/08

TANGIBLE ASSETS

(Amount in Lacs)

PARTICULARS	GROSS BLOCK				DEPRECIATION				NET BLOCK	
	As At 01.04.13	Additions	Deductions	As at 31.03.14	As At 01.04.13	Additions	Deductions	As at 31.03.14	As at 31.03.14	As at 31.03.13
Land & Land Rights	34.38	0.00	0.00	34.38	0.00	0.00	0.00	0.00	34.38	34.38
Buildings	5781.23	1314.39	1.69	7093.93	305.82	104.93	0.00	410.75	6683.18	5475.41
Plant & Machinery	78966.54	57943.44	49096.77	87813.21	-19597.72	3961.02	6430.04	-22066.74	109879.95	98564.26
Lines, Cables, Net work etc.	225544.55	36782.13	2055.63	260271.05	37951.55	11538.12	807.25	48682.42	211588.63	187593.00
Furniture & Fixtures	304.43	17.51	0.00	321.94	39.91	19.83	0.00	59.74	262.20	264.52
Office Equipments	53.92	30.99	0.00	84.91	36.20	11.25	0.00	47.45	37.46	17.72
Jeep & Motor Car	-15.57	6.64	0.00	-8.93	-16.17	0.00	0.00	-16.17	7.24	0.60
Total	310669.48	96095.10	51154.09	355610.49	18719.59	15635.15	7237.29	27117.45	328493.04	291949.89
Fixed Assets as per Transfer Scheme	150595.00	0.00	0.00	150595.00	136127.21	7153.26	0.00	143280.47	7314.53	14467.79
Grand Total	461264.48	96095.10	51154.09	506205.49	154846.80	22788.41	7237.29	170397.92	335807.57	306417.68

Note:- Deductions/Adjustment made during the year under Gross Block & Depreciation represents Plant & Machinery and Lines & Cables which were written off during the year



अधिसूची अभिलेख (वार्डिन्ग)
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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/09

INTANGIBLE ASSETS

(Amount in Lacs)		
PARTICULARS	AS AT 31.03.2014	AS AT 31.03.2013
Theft of Fixed Assets	2362.81	1896.03
Less Provision for Estimated Loss	2362.81	0.00
Total	0.00	1896.03

Note:- The Provision for estimated loss has been made against theft of Fixed Assets in current & earlier years.

NOTE-BS/10

CAPITAL WORKS IN PROGRESS

(Amount in Lacs)		
PARTICULARS	AS AT 31.03.2014	AS AT 31.03.2013
Capital Works in Progress *	69451.56	57929.06
Total	69451.56	57929.06

Note :

* It includes Establishment and Administration & General Cost related to works.

NOTE-BS/11

OTHER NON-CURRENT ASSETS

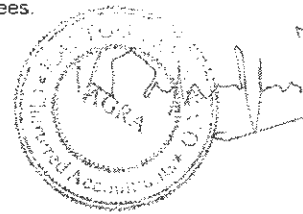
(Amount in Lacs)		
PARTICULARS	AS AT 31.03.2014	AS AT 31.03.2013
Other Recoverables	1555.13	930.29
Total	1555.13	930.29

Note:- The above amount pertain to Misc. Advance (Cash & Material shortages) against employees.

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अधिरासी अभियन्ता (वाणिज्य)
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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/12

LONG TERM LOANS AND ADVANCES

(Amount in Lacs)		
PARTICULARS	AS AT 31.03.2014	AS AT 31.03.2013
ADVANCES (Unsecured)		
Suppliers/ Contractors	617.31	892.74
Tax Deducted at Source	23.43	6.20
Fringe Benefit Tax	0.00	105.68
Total	640.74	1004.62

NOTE-BS/13

INVENTORIES

(Amount in Lacs)		
PARTICULARS	AS AT 31.03.2014	AS AT 31.03.2013
STORES & SPARES		
Stock of materials *	74211.34	72733.80
Less : Provision for Obsolete Stores	815.00	815.00
Total	73396.34	71918.80

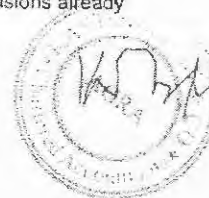
* Include material issued to fabricators, obsolete material, scrap, transformers sent for repair and store excess/shortage pending for investigation.

Note :- The provision for unserviceable/obsolete material has not been made since sufficient provisions already exist in the Transfer Scheme.

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अधिसासी अभियन्ता (वाणिज्य)
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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/14

TRADE RECEIVABLES

(Amount in Lacs)				
PARTICULARS	AS AT 31.03.2014		AS AT 31.03.2013	
Trade receivables outstanding from Customers				
For a Period More than six months:				
Secured & Considered good*	35883.84		31925.51	
Unsecured & Considered good	417282.42		326795.82	
Doubtful	179270.16	632436.42	174167.55	532888.88
Less: Provision for Doubtful trade receivables		179270.16		174157.55
		453166.26		358721.33
Trade receivables outstanding from Customers				
For a Period Less than six months:				
Secured & Considered good*	3695.62		3441.54	
Unsecured & Considered good	1444.93		45919.30	
Doubtful	138.73	5279.28	2597.94	51958.78
Less: Provision for Doubtful trade receivables		138.73		2597.94
		5140.55		49360.84
		458306.81		408082.17

* Secured against security deposit from consumers.

Note :- Age-wise classification of Sundry Debtors could not be given for want of age-wise details of receivables transferred under the Transfer Scheme, 2003.

NOTE-BS/15

CASH AND CASH EQUIVALENTS

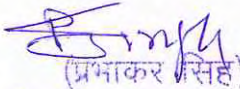
(Amount in Lacs)			
PARTICULARS	AS AT 31.03.2014		AS AT 31.03.2013
CASH IN HAND			
Cash in Hand (Including Imprest with Staff)		8643.02	15582.05
Balances with Scheduled Banks			
In Current and other Accounts	54014.17		42531.49
In Fixed Deposit Account	<u>7483.16</u>	61497.33	<u>1724.05</u>
			44255.54
Total		70140.35	59837.59

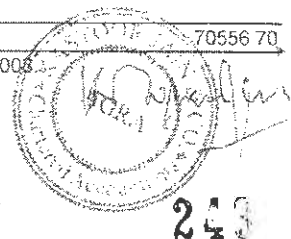
NOTE-BS/16

OTHER CURRENT ASSETS

(Amount in Lacs)			
PARTICULARS	AS AT 31.03.2014		AS AT 31.03.2013
Other receivables		368.57	348.35
Receivables from			
Poorvanchal Vidyut Vitran Nigam Limited	2695.31		3308.91
Paschimanchal Vidyut Vitran Nigam Limited	0.00		187.82
U.P. Rajya Vidyut Utpadan Nigam Limited	0.00		2.53
U.P. Power Transmission Corporation Limited	1606.59	4301.90	974.82
			4474.08
Receivables from Govt.			
Waival of Electricity Dues		220.12	0.00
Inter Unit Transfers		72426.73	65734.27
Total		77317.32	70556.70

Note :- Amount of Rs.32400000.00 included in other receivables received in Transfer Scheme in 12.08.2008.


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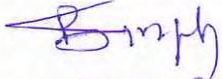


DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-PL/01

REVENUE FROM OPERATIONS

(Amount in Lacs)		
PARTICULARS	For the year ended on 31.03.14	For the year ended on 31.03.13
<u>Supply in Bulk</u>		
Torrent Power Ltd.	64743.29	52466.75
<u>Large Supply Consumers</u>		
Industrial	153035.49	118345.47
Traction	13011.08	9784.36
Irrigation	6262.94	5425.38
Public Water Works	10515.95	7185.74
	182825	141240.95
<u>Small and Other Consumers</u>		
Domestic	91622.04	77188.07
Commercial	58756.46	47797.57
Industrial Low and Medium Voltage	34409.35	29969.39
Public Lighting	6184.16	3317.26
STW & Pump Canals	21186.86	18575.89
PTW & Sewage Pumping	24084.38	19526.12
Miscellaneous Charges from Consumers	560.71	3163.70
Less : Energy Internally Consumed	4097.45	3932.17
Sub Total	480275	389313.53
Add : Electricity Duty	28573.22	13567.12
Total	508848.48	402880.65


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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-PL/02

OTHER INCOME

(Amount in Lacs)

PARTICULARS	For the year ended on 31.03.14	For the year ended on 31.03.13
From U.P Govt.		
RE Subsidy from Govt. of U.P.	5000.00	4083.00
Revenue Subsidy from Govt. of U.P.	86788.00	120115.00
Interest from :		
Loans to Staff	0.44	0.16
Banks (Other than on Fixed Deposit)	368.46	97.62
Fixed Deposits	405.67	113.31
Delayed Payment Charges from Consumers	9991.06	5818.65
Income from Contractors / Suppliers	758.13	645.29
Rental from Staff	11.37	3.37
Miscellaneous Receipts	310.42	322.94
Total	103633.55	131199.34

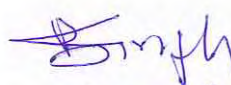
Note:- *Pertains to loan amount advanced during the UPSEB and UPPCL period.

NOTE-PL/03

TRADED GOODS (PURCHASE OF POWER)

(Amount in Lacs)

PARTICULARS	For the year ended on 31.03.14	For the year ended on 31.03.13
Power Purchased from :		
Uttar Pradesh Power Corporation Limited	798001.96	625654.23
Wheeling Charges (UPPTCL)	24889.45	30156.19
Total	822891.41	655810.42


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245

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-PL/04

EMPLOYEES COST

(Amount in Lacs)		
PARTICULARS	For the year ended on 31.03.14	For the year ended on 31.03.13
Salaries and Allowances	11655.53	11698.58
Dearness Allowance	9426.18	7466.85
Other Allowances	925.70	938.36
Bonus / Ex-gratia	102.65	146.45
Medical Expenses (Re-Imbursement)	380.10	299.62
Earned Leave Encashment	1234.54	1104.68
Compensation	23.90	14.73
Staff Welfare Expenses	55.12	14.57
Pension and Gratuity	2847.64	2825.67
Other Terminal Benefits	585.65	432.18
Sub Total	27237.01	24941.69
Less - Expenses Capitalised	10209.33	6722.39
Total	17027.68	18219.30

Note :- Liability towards Medical Expenses, Leave Encashment and LTC have been provided to the extent established.

NOTE-PL/05

FINANCE COST

(Amount in Lacs)		
PARTICULARS	For the year ended on 31.03.14	For the year ended on 31.03.13
Interest on Loans :		
Govt. of U.P.	2266.21	15974.32
PFC	15254.10	2059.52
REC	14364.19	2952.54
HUDCO	4121.47	3938.75
Bank Interest	108798.02	101990.03
Mandi Parishad	0.00	23.26
	142537.78	110964.10
Interest to Consumers	3225.77	3163.15
Bank Charges	15.08	16.89
Interest on secured Loan	7889.59	8556.83
Guarantee Charges	2.97	4.87
Total	155937.40	138680.16

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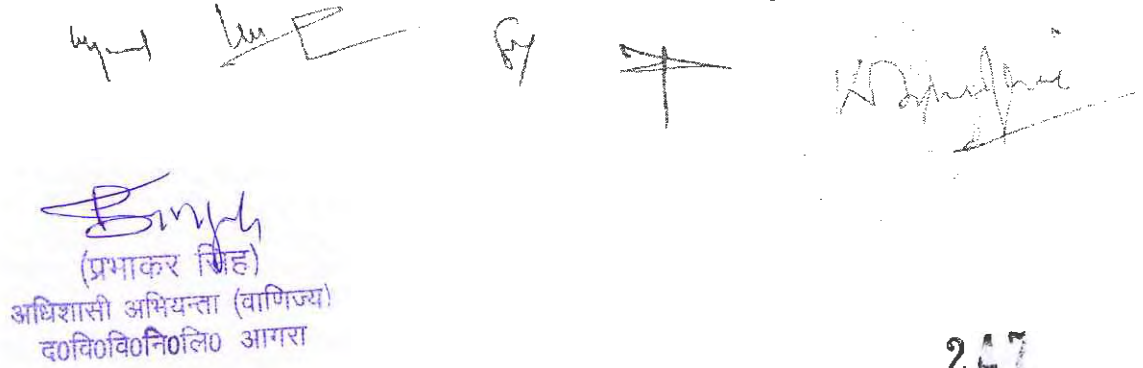
DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-PL/06

OPERATIONS & OTHER EXPENSES

(Amount in Lacs)		
PARTICULARS	For the year ended on 31.03.14	For the year ended on 31.03.13
<u>REPAIRS & MAINTENANCE</u>		
Plant & Machinery	16097.64	13485.36
Buildings	63.42	52.37
Lines, Cables, Net works etc.	16792.87	12570.63
Furniture and Fixtures	0.01	0.01
Office Equipments	8.03	1.93
<u>OTHER EXPENSES</u>		
Rent	43.72	37.49
Rates & Taxes	0.00	0.23
Insurance	35.79	31.67
Communication Charges	194.39	174.23
Legal Charges	212.04	167.95
<u>Auditors Remuneration & Expenses</u>		
Audit Fees	6.91	4.51
Travelling Expenses	7.65	8.05
Consultancy Charges	60.11	48.65
Travelling & Conveyance	247.78	201.75
Printing & Stationery	194.57	150.65
Advertisement Expenses	53.81	83.43
Electricity Charges	4097.45	3932.17
Water Charges	14.79	0.00
Entertainment	0.08	0.00
License Fee	215.03	166.27
<u>Miscellaneous Expenses</u>		
Honorariums	590.32	158.34
Internal Audit (Fee & TA)	17.78	50.74
Revenue Expenses	627.70	498.70
Other Miscellaneous	1193.29	1710.98
Compensation (Other than Staff)	121.46	105.43
<u>PROVISIONS</u>		
Bad and Doubtful Debts (Sale of Power)	2643.40	4946.93
Provision for Theft of Fixed Assets	466.77	0.00
Sub Total	44006.81	38588.47
Less - Expenses Capitalised	2919.58	2064.34
Total	41087.23	36524.13

Note :- The provision for bad & doubtful debts against revenue from sale of power has been made @ 5% on the incremental basis.



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247

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-PL/07

DEPRECIATION

(Amount in Lacs)		
PARTICULARS	For the year ended on 31.03.14	For the year ended on 31.03.13
Depreciation	22788.41	20922.59
Less : Equivalent amount of Depreciation on Assets acquired out of the Consumer's Contribution and GO UP's Capital Subsidy	5220.34	4360.55
	17568.07	16542.04

Note :- During the year, the depreciation has been provided as per Schedule-XIV of the Companies Act, 1956 on SLM basis.

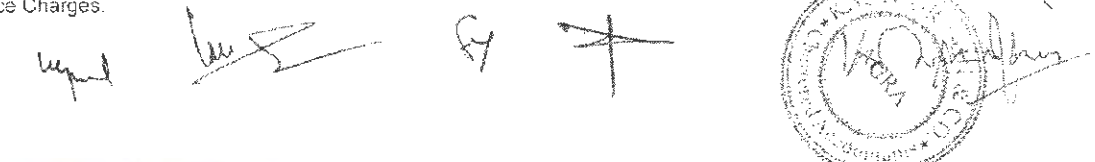
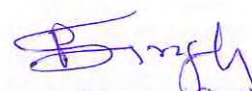
NOTE-PL/08

PRIOR PERIOD ITEMS

(Amount in Lacs)		
PARTICULARS	For the year ended on 31.03.14	For the year ended on 31.03.13
<u>Prior Period Income</u>		
Other Income	0.50	0.00
Revenue From Sale of Power	0.00	676.11
Interest and other Finance Charges	0.00	5238.51
	0.50	5914.62
<u>Prior Period Expenditure</u>		
Employee Cost	676.18	514.86
Operating Expenditure	31.94	70.61
Other Expenses	0.00	242.28
Administration Expenses	97.28	0.00
Interest and other Finance Charges	51.62	0.00
Power Purchase	69062.48	0.00
Transmission Charges	13779.46	0.00
Amortization	0.00	161.89
Provision for Theft of Fixed Assets	1896.03	0.00
	85594.99	989.64
Net - Income/(Expenditure)	(85594.49)	4924.98

Note :- The Income/(Expenditure) relates to previous financials years.

- Supplementary Power Purchased revised bill for the year 2012-13 has been raised by Holding Co. UPPCL during the F.Y 2013-14
Bill No. 3831 Dt. 10.12.14
- Supplementary Transmission Charges revised bill for the year 2012-13 has been raised by UPPTCL during the F.Y 2013-14
Bill No. 3747 Dt. 01.12.14
- Interest and other Finance Charges pertaining to previous year due to reverse of Bank Interest and provision of Interest and other Finance Charges.



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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED

SIGNIFICANT ACCOUNTING POLICIES

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. However, the account of Share Application Money is being done on Receipt Basis.
- (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

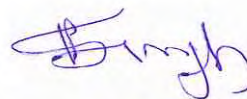
- (a) Fixed Assets are shown at the value transferred as per the Transfer Scheme, 2003 along with the additions as well as deductions made thereafter.
- (b) All costs relating to the acquisition and installation of fixed assets till the date of commissioning are capitalized.
- (c) Consumers Contribution, Grants 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 effected, 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 function at particular unit, employees cost and general & administration expenses are capitalized @ 15% on rural electrification and deposit works and 11% on other works on the amount of total expenditure.
- (f) Borrowing cost during construction stage of capital assets, which was directly attributable to the construction of qualifying assets have been capitalised as per AS-16.

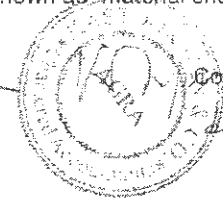
3. DEPRECIATION

- (a) Depreciation is charged on straight line method (SLM) at the rates prescribed by Schedule XIV of the Companies Act, 1956.
- (b) Depreciation has been provided on fixed assets in use at the beginning of the year. Depreciation on additions to Fixed Assets during the year has been provided on six month average basis after deducting discarded assets.
- (c) 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.


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5. REVENUE / EXPENDITURE RECOGNITION

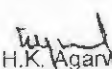
- (a) Revenue from sale of energy is accounted for on accrual basis.
- (b) Late payment surcharge recoverable from consumers on energy bills is accounted for on cash basis due to uncertainty of realisation.
- (c) The sale of electricity does not include electricity duty payable to the State Government 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, over due interest, commitment charges and incentive/rebates on loans are accounted for on cash basis after final ascertainment.


6. POWER PURCHASE


- (a) The bulk power purchases from Uttar Pradesh Power Corporation Ltd., the Holding Company is accounted for on the basis of bills raised by them.
- (b) Transmission charges are accounted for on the basis of bills raised by U.P. Power Transmission Corporation Ltd. (UPPTCL)


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) Leave encashment and post retirement medical benefits are accounted for on the basis of claims received and approved during the year.

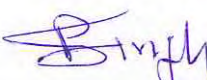

(H.K. Agarwal)
Company Secretary
(In Part Time)


(E.K. Gupta)
Dy. General Manager
(FA&A)


(Saroj Kumar Mishra)
Director (Finance)


(Prabhu N. Singh)
Managing Director



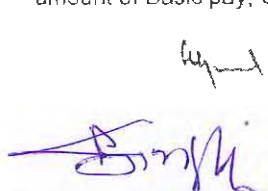

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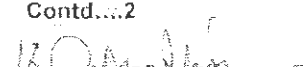
DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
NOTES NO. PL/09

NOTES ON ACCOUNTS ANNEXED TO AND FORMING PART OF BALANCE SHEET AS AT 31.03.2014 AND STATEMENT OF PROFIT & LOSS FOR THE YEAR ENDED ON THAT DATE

1. The Nigam was incorporated under the Companies Act, 1956 on 01.05.2003 and commenced the business operation 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.
2. The Nigam 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. (Annexure-A) as well as the transactions pertaining to distribution 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 issued and the balances in the accounts will be adjusted accordingly.
3. The share capital includes 500 Equity Shares of Rs.1000 each allotted to subscribers of Memorandum of Association and shown separately in Balance Sheet.
4. The liability for GPF, Pension and Gratuity Contribution during the period have been discharged to U.P. Power Sector Employees Trust partly by UPPCL and shown as payable to UPPCL by the Nigam. The liability have partly been discharged by the Nigam.
5. (a) In the absence of asset wise break up of Plant and Machinery, Lines, Cables and other assets taken over as on 12.08.2003, the depreciation on these assets have been charged @ 4.75% on the value transferred under the Transfer Scheme, 2003 being the rate prescribed for majority of the items in the Companies Act, 1956.
(b) During the year, the depreciation has been provided as per Schedule-XIV of the Companies Act, 1956 on SLM basis.
(c) Due to multiplicity of nature of capital works and difficulty in establishing the correct date of installation of assets, the depreciation on additions fixed assets during the year has been provided on pro-rata basis by taking average Six month period.
6. (a) Age-wise classification of Sundry Debtors could not be given for want of age-wise details of receivables transferred under the Transfer Scheme, 2003.
(b) The Provision for bad & doubtful debts against revenue from sale of power has been made @ 5 % on the incremental basis.
7. Difference between the loan transferred under provisional Transfer Scheme 2003 and actual loan has been shown in Restructuring Reserve Account.
8. The loan received by UPPCL on behalf of the Nigam during the year 2013-14 amounting to Rs.5816886808.00 & BOND (Banks) Rs.16661930413.00 and repayment made by U.P.P.C.L. amounting to Rs.2667623211.00 have been accounted for in the books of the Nigam accordingly.
9. Government dues in respect of Electricity Duty and other Levies amounting to Rs.3233525587.86 shown in Note-BS/06 includes Rs.707318043.12 on account of Other Levies realised from consumers.
10. The provision for unserviceable/obsolete material has not been made since sufficient provisions already exist in the Transfer Scheme.
11. Liability towards Medical Expenses, Leave Encashment and LTC have been provided to the extent established.
12. Based on actuarial valuation report submitted by M/s Price Waterhouse Coopers to UPPCL (the Holding Company) provision for accrued liability on account of Pension and Gratuity for the period from 01.04.2013 to 31.03.2014 has been made @16.70% and 2.38% respectively on the amount of Basic pay, Grade pay and DA paid to employees.

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13. Amount due to SSI units could not be ascertained and interest thereon could not be provided for want of complete information. Efforts are being made to segregate this information.

14. Employees cost includes remuneration to Managing Director and Director as under.

Particulars	2013-14	2012-13
Salary and Allowances	Rs. 36.28 Lacs	Rs. 10.57 Lacs
Contribution to Gratuity/Pension	-	-

15. Debts due from Directors were Rs. NIL. (Previous year – NIL)
16. Payment to Directors and Officers in foreign currency towards foreign tours was NIL. (Previous year – NIL)

17. Information pursuant to provision of Para II of Schedule VI of Companies Act, 1956 are as under :-


- (a) Quantitative Details of Energy Purchased and Sold :-

Sl. No.	Details	2013-14 (Units in M.U.)	2012-13 (Units in M.U.)
(i)	Total number of units purchased	18436.633	17331.142
(ii)	Total number of units sold	13148.045	12577.408
(iii)	Distribution Losses	28.69%	27.43%

- (b) Contingent Liabilities and Commitments:-

Sl. No.	Details	Amount (Rs. in lacs)	
		2013-14	2012-13
1	Claims against the company not acknowledged as debts.	87.46	157.65
2	Estimated amount of contracts remaining to be executed on capital account and not provided for.	148157.47	1640.77
3	Other money for which the company is contingently liable.	263.00	144.97

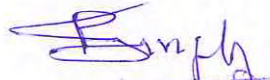
18. Since the Company is principally engaged in the distribution business of Electricity and there are no other reportable segment as per AS-17, hence the disclosure as per AS-17 on segment reporting is not required.
19. The disclosure required as per AS-18 issued by ICAI on related parties transactions is not applicable as the Accounting Standard provides that "no disclosure is required in the financial statement of state-controlled enterprises as regards related party relationship with other state-controlled enterprises and transactions with such enterprises."
20. Due to carry forward losses/depreciation and uncertainty to recover such losses in near future, accounting of deferred tax assets as required by AS-22 issued by ICAI, New Delhi has not been made.
21. The figures shown in the Balance Sheet, Statement of Profit & Loss and Notes have been rounded off to the nearest lacs and decimal thereof.
22. During the year an amount of Rs.48.52 lacs received against sanctioned loan of Rs.11141.55 lacs. The funds are received against these loans on the basis of progress of works under the concern scheme.
23. Previous year figures as shown in the Balance Sheet, Statement of Profit & Loss and Notes have been regrouped and rearranged, wherever considered necessary as the statement of account have been prepared under to the provision of revised Schedule 'VI'.
24. Previous year figures have been regrouped and reclassified wherever considered necessary

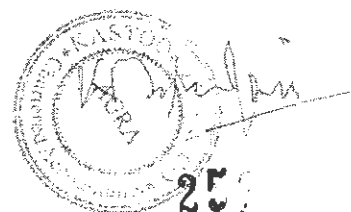

(H.K. Agarwal)
Company Secretary
(In Part Time)


(L.K. Gupta)
Dy. General Manager
(FA&A)


(Saroj Kumar Mishra)
Director (Finance)


(Prabhu N. Singh)
Managing Director


(प्रकाश सिंह)
अधिसारी अभियन्ता (वाणिज्य)
दोविनिमिआगरा



DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

BALANCE SHEET ABSTRACT AND NIGAM'S GENERAL BUSINESS PROFILE

1 Registration details

Registration No.	20-27460	State Code	20
Balance Sheet Date	31	3	2014
	Date	Month	Year

2 Capital raised during the year

(Amount in Rupees Lakhs)

Public Issue	Bonus Issue
NIL	NIL
Rights Issue	Private Placement
NIL	NIL

3 Position of Mobilisation and Development of Funds

(Amount in Rupees Lacs)

Total Liabilities	Total Assets
1086615.82	1086615.82
Sources of Funds :	
Paid Up Capital	Reserves & Surplus
194637.74	118627.19
Secured Loans	Unsecured Loans
78772.73	1673772.47
Applications of Funds :	
Net Fixed Assets	Miscellaneous Expenditure
406814.26	0.00
Accumulated Losses	Net Current Assets
1918316.02	(-) 53086.63

4 Performance of the Company

(Amount in Rupees Thousands)

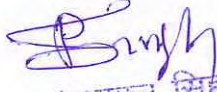
Turnover (Gross Revenue)	Total Expenditure
588006.26	968917.30
(+/-) Profit/Loss before Tax	(+/-) Profit/Loss after Tax
(-) 552100.02	(-) 552100.02
Earning per Share (in Rupees)	Dividend rate in %
(-) 0.03	NIL

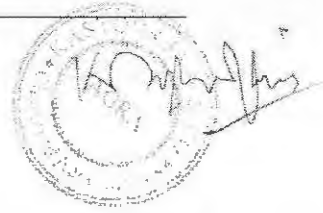
Product/Service Description

- (i) Purchase & Transmission of Electricity
(ii) Distribution and Sale of Electricity

Item Code No.

NA
NA


(प्रभाकर सिंह)
अधिशारी अभियन्ता (वाणिज्य)
दक्षिण अंचल विद्युत वितरण निगम अग्रा



DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED

IN REFERENCE TO PARA NO. 2 OF NOTES ON ACCOUNTS (NOTES NO. -PL/09)
ANNEXED TO BALANCE SHEET AND STATEMENT OF PROFIT & LOSS FOR THE YEAR ENDED 31 03 2014

Statement showing the transfer of Assets & Liabilities to AGRA DISCOM as per
Schedule - A (Part-II) of the Uttar Pradesh Power Sector Reforms
(Transfer of Distribution Undertakings) Scheme, 2003 vide Uttar Pradesh Shasan Urja Anubhag 1,
Notification No. 2740/P-1-2003-24-14P-2003, Dated August 12, 2003

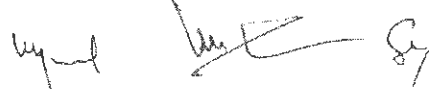
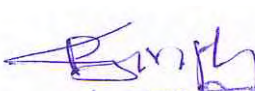
	Amount (Rs in Crores)
Fixed Assets	
Gross Fixed Assets	1505.95
Less: Accumulated depreciation	671.94
Net Fixed Assets	834.01
Cap. Expd. in progress	52.98
Investments	-
Total Fixed Assets	886.99
Current Assets:	
Cash and Bank Balances	115.95
Total Stocks	27.72
Less: Provision for Obsolete Stores	8.15
Net Stock	19.57
Gross Receivables for Sale of Electricity	1785.00
Less: Provision for Bad & Doubtful debts	1565.29
Net Receivables for sale of Power	219.71
Other Receivables	3.24
Total Current Assets	358.47
Total Assets	1245.46
Net Worth	
Paid up and Subscribed Share Capital	346.19
Retained Earning (Losses)/Reserves	-
Consumer's Contributions	63.75
Capital Reserves	-
Grants - RE	22.90
Grants - APDRP	2.50
Total Net Worth	455.34
Long Term Debts	
GoUP Loans	2.50
IDBI - Deferred Credit	12.49
REC	225.79
Commercial Banks (SPA)	-
HDFC	-
PFC	38.78
NOIDA	-
UPSIDC	1.37
Urban Co-operative Bank	-
Others	12.42
IBRD	-
Working Capital Borrowings	-
GPF Liability	171.18
Total Long Term Loans	464.53
Current Liabilities	
Accounts Payable	240.94
Security Deposits from consumers	84.65
Accumulated Interest on Govt. Loans	-
Accumulated Interest on other IFI's	-
Overdue Principal not Paid	-
Total Current Liabilities	325.59
Total Liabilities	1245.46

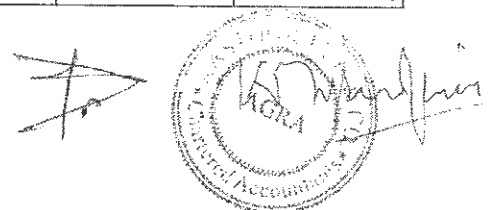
(Signature)
प्रभाकर सिंह
अधिकांसी अभियन्ता (वाणिज्य)
दण्डविनिर्माण आगरा

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA
CASH FLOW STATEMENT FOR THE YEAR ENDED 31st March, 2014

(Rs. In Lacs)

Particulars	2013-14	2012-13
A. Cash flow from operating activities		
Net Profit / (Loss) before extraordinary items and tax	(466505.53)	(341331.01)
<u>Adjustments for:</u>		
Depreciation and amortisation	17568.07	16542.04
Finance costs	152693.58	135495.25
Interest income	(774.57)	(211.09)
Provision for doubtful trade and other receivables, loans and advances	2643.40	4946.93
Prior Period Adjustment (Net)	(85594.49)	4924.98
Sub Total	86535.99	161698.11
Operating profit / (loss) before working capital changes	(379969.54)	(179632.90)
<u>Changes in working capital:</u>		
<u>Adjustments for (increase) / decrease in operating assets:</u>		
Inventories	(1477.54)	(7898.32)
Trade receivables	(52868.04)	(98938.60)
Long-term loans and advances	363.88	(76.09)
Other current assets	(5489.43)	(15261.71)
Sub Total	(59471.13)	(122174.72)
<u>Adjustments for increase / (decrease) in operating liabilities:</u>		
Trade payables	(125807.37)	(810910.94)
Other current liabilities	(54506.87)	133567.61
Short-term provisions	(1196.44)	1773.64
Sub Total	(181510.68)	(475569.69)
Net Cash from operating activities	(620951.35)	(777377.31)
Cash flow from extraordinary items	0.00	0.00
Cash generated from operations	(620951.35)	(777377.31)
Net income tax (paid) / refunds	0.00	0.00
Net cash flow from / (used in) operating activities (A)	(620951.35)	(777377.31)
B. Cash flow from investing activities		
Capital expenditure on fixed assets, including capital advances	(58480.46)	(36752.12)
Interest received	774.57	211.09
Net cash flow from / (used in) investing activities (B)	(57705.89)	(36541.03)
C. Cash flow from financing activities		
Share application money received / (refunded)	94164.77	44512.46
Proceeds from long-term borrowings	725051.85	915630.82
Finance cost	(152693.58)	(135495.25)
Consumer Contribution and GoUP Capital Subsidy	22436.96	12248.73
Net cash flow from / (used in) financing activities (C)	688960.00	836896.76
Net increase / (decrease) in Cash and cash equivalents (A+B+C)	10302.76	22978.42
Cash and cash equivalents at the beginning of the year	59837.59	36859.17
Cash and cash equivalents at the end of the year	70140.35	59837.59



 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
 दशविंशतिशतिका आगरा



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

ANNEXURE - 3

PROVISIONAL BALANCE SHEET FOR FY 2014-15

**DAKSHINANCHAL
VIDYUT VITRAN NIGAM LIMITED**

**PROVISIONAL
BALANCE SHEET**

**AS AT
31.03.2015**

&

**PROVISIONAL
PROFIT & LOSS STATEMENT
FOR THE PERIOD FROM**

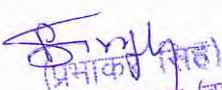
01.04.2014

TO

31.03.2015

REGISTERED OFFICE

URJA BHAWAN, 220KV SUB STATION, AGRA


(प्रकाश सिंह)
अधिकासी अभियन्ता (वाणिज्य)
दक्षिणविद्युत निगम अग्रा

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA
CIN: U31200UP2003SGC027460
PROVISIONAL BALANCE SHEET AS AT 31.03.2015

(Amount in Rs.)

PARTICULARS	NOTE NO.	AS AT 31.03.2015	AS AT 31.03.2014
A EQUITY AND LIABILITIES			
1. Shareholder's funds			
Share Capital	BS/01	35351979000	19463774000
Reserves and Surplus	BS/02	(207221430736)	(179968883832)
2. Share Application Money pending for allotment	BS/03	28857207255	20623352381
3. Non-Current Liabilities			
Long Term Borrowings	BS/04	201858964746	175254520331
Deferred Tax Liabilities (Net)			
Other Long-Term Liabilities			
Other Long-Term Provisions			
4. Current Liabilities			
Short Term Borrowings			
Trade Payables	BS/05	59378576031	44941947394
Other Current Liabilities	BS/06	98513936255	28077195897
Short Term Provisions	BS/07	149426768	269675792
Total		216888659319	108661581963
B Assets			
1 Non-Current Assets			
Fixed Assets			
Tangible Assets	BS/08	34620125823	33580757366
Intangible Assets	BS/09	0	0
Capital Work in Progress	BS/10	14957522086	6945156225
Intangible Assets under Development			
Non-Current Investment			
Deferred Tax Assets (Net)			
Other Non-Current Assets	BS/11	151130286	155512925
Net Block		49728828195	40681426516
Long Term Loans and Advances	BS/12	132409518	64073893
2 Current Assets			
Inventories			
Stores & Spares	BS/13	6673996421	7339633521
Trade Receivables	BS/14	53333990348	45830680936
Cash & Cash Equivalents	BS/15	11555856112	7014035377
Other Current Assets	BS/16	95463578725	77317131720
Significant Accounting Policies			
Notes on Accounts	PL/09		
Note BS/01 to BS/16 and PL/01 to PL/09 and Accounting Policies form integral part of Accounts			
Total		216888659319	108661581963

(S.K. Gupta)
Dy. General Manager (FA & A)

(Saroj Kumar Mishra)
Director (Finance)
DIN NO. 00700028

(Prabhu N. Singh)
Managing Director
DIN NO. 06663230

Date: 28/09/2015
Place: Agra

As per separate report of even date U/S 44AB
of Income Tax Act, 1961 annexed.
For M/S A C H G & ASSOCIATES
CHARTERED ACCOUNTANTS

(HANISH GUPTA)
PARTNER
Membership No.: 403655

(प्रभाकर सिंह)
अधिरासी अधिव्यक्ता (वाणिज्य)
दणवि०वि०नि०लि० अग्रा

257

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED

220 KV SUB STATION, BYE PASS ROAD, AGRA

CIN: U31200UP2003SGC027460


PROVISIONAL STATEMENT OF PROFIT AND LOSS FOR THE YEAR ENDED ON 31.03.2015

(Amount in Rs.)

PARTICULARS	NOTE NO	For the year ended on 31.03.15	For the year ended on 31.03.14
INCOME			
Revenue from Operations	PL/01	54667492723	50884847883
Less : Electricity Duty		2876939477	2857321921
Energy internally Consumed		327368508	409744849
Other Income	PL/02	35915997543	10363354827
Total		88033919297	58800625638
EXPENDITURE			
Cost of Materials Consumed			
Purchase of Power	PL/03	83988265689	79800196361
Transmission Charges		3038806455	2488945455
Employees Cost	PL/04	1379620609	1702767689
Finance Cost	PL/05	21257924688	15593740001
Operations and other Expenses	PL/06	4012757947	4108723438
Depreciation	PL/07	2314602377	2278841136
Amortization of services line contributions & Grants etc		627860816	522034524
Total		115364116949	105451179558
PROFIT/(LOSS) Before Prior Period & Exceptional Item		(27330197652)	(46650553918)
Net Prior Period Income/(Expenditure)	PL/08	(2028671003)	(8559448578)
Exceptional Items		-	-
Net PROFIT/(Loss)		(29358866655)	(55210002496)
Extra Ordinary Items		-	-
Profit Before Tax		(29358866655)	(55210002496)
Tax Expenses		-	-
Accumulated loss brought forward		(191831602385)	(136621599889)
Accumulated Profit/(Loss) Carried Over to Reserve & Surplus Note BS/02		(221190471040)	(191831602385)
Notes on Accounts	PL/09		


(L.K. Gupta)
Dy. General Manager (FA & A)


(Saroj Kumar Mishra)
Director (Finance)
DIN NO. 00700028

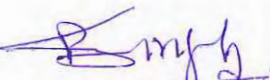

(Prabhu N. Singh)
Managing Director
DIN NO. 06663230

Date : 28/07/2015
Place : Agra

As per separate report of even date U/S 44AB
of Income Tax Act, 1961 annexed.

For M/S A C H G & ASSOCIATES
CHARTERED ACCOUNTANTS


(HANISH GUPTA)
PARTNER
Membership No.: 403655


(प्रभाकर सिंह)
अधिशाली अभियन्ता (वाणिज्य)
द०वि०विनि०लि० अग्रा

258

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

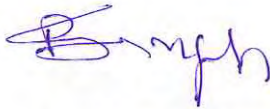
NOTE-B5/01

SHARE CAPITAL

(Amount in Rs.)

PARTICULARS	AS AT 31.03.2015		AS AT 31.03.2014	
	No. of Shares	Amount	No. of Shares	Amount
A. <u>AUTHORISED</u> 40000000 Equity Shares of Rs 1000/- each	40000000	40000000000	40000000	40000000000
B. <u>ISSUED SUBSCRIBED AND PAID UP</u>				
i) Equity Shares of Rs1000/- each fully paid up allotted to UPPCL for consideration other than cash pursuant to DISCOMS Transfer Scheme, 2003	35351479	35351479000	19463274	19463274000
ii) Equity Shares of Rs 1000/- each fully paid up allotted to Promoters	500	500000	500	500000
Total		35351979000		19463774000

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



(प्रभाकर सिंह)
अधिशाली अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा

250

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

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							
Year ended 31 March, 2014							
- Number of shares	19463774	-	-	-	-	-	19463774
- Amount (In Rs)	19463774000.00						19463774000.00
Equity shares fully paid up							
Year ended 31 March, 2015							
- Number of shares	19463774	15888205	-	-	-	-	35351979
- Amount (In Rs)	19463774000.00	15888205000.00					35351979000.00

अधिराजी अभियन्ता (वाणिज्य)
दक्षिणचल विद्युत निगम
(प्रभाकर सिंह)

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

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

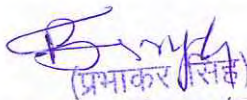
Particulars	Equity shares with UPPCL
	Number of shares
As at 31 March, 2015	
UPPCL, the holding company	35351479
As at 31 March, 2014	
UPPCL, the holding company	19463274

Details of shares held by each shareholder holding more than 5% shares:

Class of shares / Name of shareholder	As at 31 March, 2015		As at 31 March, 2014	
	Number of shares held	% holding in that class of shares	Number of shares held	% holding in that class of shares
Equity shares with UPPCL	35351479	99.99	19463274	99.99






 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/02

RESERVES AND SURPLUS

		(Amount in Rs.)	
PARTICULARS	AS AT 31.03.2015	AS AT 31.03.2014	
A CAPITAL RESERVE			
i) Consumers Contribution towards Service Line and Other Charges			
Opening Balance	9546959790	7903459417	
Add: Additions during the year	2435182567	2068030418	
Less: Deductions/Adjustments during the year	511316175	424530045	
Closing Balance	11470826182	9546959790	
ii) Subsidy towards Cost of Capital Assets			
Opening Balance	2304071385	1703875864	
Add: Additions during the year	299000000	697700000	
Less: Deductions/Adjustments during the year	116544641	97504479	
Closing Balance	2486526744	2304071385	
iii) Re-Structuring Account			
Opening Balance	11687378	11687378	
Add: Additions during the year	0	0	
Less: Deductions/Adjustments during the year	0	0	
Closing Balance	11687378	11687378	
Sub Total (i+ii+iii)	13969040304	11862718553	
B Surplus in Statement of P & L Account			
Opening Balance	(191831602385)	(136621599889)	
Add: Profit/(Loss) for the year	(29358868655)	(55210002496)	
Closing Balance	(221190471040)	(191831602385)	
Total (A+B)	(207221430736)	(179968883832)	

Note: Amortisation has been done on the subsidy towards cost of Capital Assets

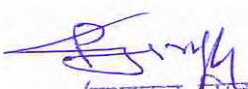
NOTE-BS/03

SHARE APPLICATION MONEY

		(Amount in Rs.)	
PARTICULARS	AS AT 31.03.2015	AS AT 31.03.2014	
SHARE APPLICATION MONEY			
Pending for allotment to UPPCL	28857207255	20623352381	
Total	28857207255	20623352381	

Reconciliation of Share Application Money

Share Application Money as on 31.03.2014	Received during the year	Allotted during the year	Share Application Money as on 31.03.2015
20623352381	24122059874	15886205000	28857207255


 (प्रभाकर सिंह)
 अधिशासी अभियन्ता (वाणिज्य)
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202

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/04

LONG TERM BORROWINGS

(Amount in Rs.)

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:				
TERM LOANS				
(i) Power Finance Corporation Ltd. (Secured against hypothecation of lines & substations etc under APDRP Scheme and against receivables of specified receipt accounts through escrow arrangements)	3951099875	3017290887	217291011	217291015
(ii) Rural Electrification Corporation Ltd. (Secured against hypothecation of current assets, hypothecation of assets to be created under APDRP Scheme and against receivables of specified receipt accounts through escrow arrangements)	7425666305	4857655912	393157179	188795922
(iii) REC (Working Capital Loan) (Secured against charge on current assets and receivables of specified receipt accounts through escrow arrangement)	0	2326660	0	166666675
Sub total - (A)	11376766180	7877273459	610448190	572753612
B. UNSECURED LOAN:				
TERM LOANS :				
(i) Govt. of U.P. (T/Scheme)	25000000	25000000	0	0
Govt. of U.P. (APDRP)		0	0	0
Govt. of U.P. (World Bank)		0	0	0
(ii) FINANCIAL INSTITUTIONS				
REC (T/Scheme)	1397612847	1498433787	0	0
(Guaranteed by Govt. of UP)				
(iii) PFC (T/Scheme)	11757619	22614636	0	0
(Guaranteed by Govt. of UP)				
(vi) BONDS				
REC	3498583350	3498583350	0	0
PFC	3587465450	3587465450	0	0
Bank Loans	41371184862	41371184862	0	0
(vii) MISCELLANEOUS INSTITUTIONS				
Hudco Loans	1139140059	1557346653	0	787609950
U.P.State Industrial Development Corporation Ltd.	54490	54490	0	0
Housing Development Finance Corporation Ltd.	6854	6854	0	0
(viii) LOANS (Transferred by Holding Co.)				
Bank Loans	105063786745	92563938150	0	0
REC	13098770770	11198770770	0	0
PFC	20522610520	11287652870	0	0
NOIDA	766225000	766225000	0	0
Mandi Parishad		0	0	0
Sub total - (B)	190482198566	167377246872	0	787609950
Total (A) + (B)	201858964746	175254520331	610448190	1360363562

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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/05

TRADE PAYABLES

(Amount in Rs.)		
PARTICULARS	AS AT 31.03.2015	AS AT 31.03.2014
Liability for Purchase of Power (Uttar Pradesh Power Corporation Ltd.)	43221373492	32533011283
Liability for Transmission Charges (Uttar Pradesh Power Transmission Corporation Ltd.)	8617893651	7127316236
Other Payables		
Liability for Capital Supplies/ Works	7539300888	5281619875
Total	59378576031	44941947394

NOTE-BS/06




OTHER CURRENT LIABILITIES

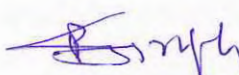
(Amount in Rs.)		
PARTICULARS	AS AT 31.03.2015	AS AT 31.03.2014
Current Maturities of Long Term Borrowings	1398058140	1360363562
Interest Accrued		
Interest accrued but not due on Borrowings	2326391320	761201455
Interest accrued & due on Borrowings	1516450571	2881650353
Sundry Liabilities	3408614457	3240453852
Staff Related Liabilities	73799223799	821834535
Deposits and Retentions from Suppliers & Others	1325398226	934367900
Electricity Duty and Other Levies payable to Govt.	4387764762	3233525588
Deposits for Electrification Works	2069806112	886886733
Liabilities towards UP Power Sector Employees Trust		
Provident Fund Liabilities	2727067510	2538488450
Amount Payable to :		
U.P Power Corporation Limited	0	6317372671
KESCO	81223754	80528469
Madhyanchal Vidyut Vitran Nigam Limited	872621446	878619932
U.P Jal Vidyut Nigam Limited	3820	2292
Paschimanchal Vidyut Vitran Nigam Limited	0	135544207
U.P Rajya Vidyut Utpadan Nigam Limited	0	953849020
		2158063
		7414225634
Security Deposits from Consumers	4061041716	3501213704
Add. Interest on Security Deposits from Consumers	526317878	4587359594
		457761294
		3958974998
Liabilities for Expenses	11880865	43568490
Liabilities for Audit Fees Expenses (Net)	2071879	1654347
Total	98513936255	28077195897

NOTE-BS/07

SHORT TERM PROVISIONS

(Amount in Rs.)		
PARTICULARS	AS AT 31.03.2015	AS AT 31.03.2014
PROVISION FOR EMPLOYEES BENEFITS		
Pension & Gratuity	149426768	269675792
Total	149426768	269675792


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204

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-B5/00

TANGIBLE ASSETS

(Amount in Rs.)

PARTICULARS	GROSS BLOCK				DEPRECIATION				NET BLOCK	
	As At 01.04 14	Additions	Deductions	As at 31.03.15	As At 01.04 14	Additions	Deductions	As at 31.03.15	As at 31.03.15	As at 31.03.14
Land & Land Rights	3438499	0	0	3438499	0	0	0	0	3438499	3438499
Buildings	709392736	0	0	709392736	41075549	11562971		52638520	656754216	868317187
Plant & Machinery	8781321174	2393657225	4004152631	7170825768	-2206673538	354923605	920487349	-2772237262	9943063050	10987994712
Lines, Cables, Net work etc.	26027104734	4966543684	1049562074	29944086344	4868240146	1229345747	126407693	5971178200	23972908144	21158864588
Furniture & Fixtures	32194033	370466	0	32564499	5973594	2049608	0	8023202	24541297	26220439
Office Equipments	8491276	219122	0	8710398	4745435	1394196	0	6139631	2570767	3745841
Jeep & Motor Car	-892896	0	0	-892896	-1616786	0		-1616786	723890	723890
Total	35561049556	7360790497	5053714705	37868125348	2711744400	1599276127	1046895042	3264125485	34603999863	32849305156
Fixed Assets as per										
Transfer Scheme	15059500000	0	0	15059500000	14328047790	715326250	0	15043374040	16125960	731452210
Grand Total	50620549556	7360790497	5053714705	52927625348	17039792190	2314602377	1046895042	18307499525	34620125823	33580757366

Note:- Deductions/Adjustment made during the year under Gross Block & Depreciation represents Plant & Machinery and Lines & Cables which were written off during the year.

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(प्रभाकर सिंह)

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/09

INTANGIBLE ASSETS

(Amount in Rs.)		
PARTICULARS	AS AT 31.03.2015	AS AT 31.03.2014
Theft of Fixed Assets	264721946	236280541
Less Provision for Estimated Loss	264721946	236280541
Total	0	0

Note:- The Provision for estimated loss has been made against theft of Fixed Assets in current & earlier years.

NOTE-BS/10

CAPITAL WORKS IN PROGRESS

(Amount in Rs.)		
PARTICULARS	AS AT 31.03.2015	AS AT 31.03.2014
Capital Works in Progress *	14957522086	6945156225
Total	14957522086	6945156225

Note

* It includes Establishment and Administration & General Cost related to works.

NOTE-BS/11

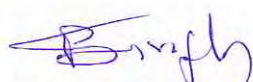
OTHER NON-CURRENT ASSETS

(Amount in Rs.)		
PARTICULARS	AS AT 31.03.2015	AS AT 31.03.2014
Other Recoverables	151180286	155512925
Total	151180286	155512925

Note:- The above amount pertain to Misc. Advance (Cash & Material shortages) against employees.




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206

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/12

LONG TERM LOANS AND ADVANCES

(Amount in Rs.)		
PARTICULARS	AS AT 31.03.2015	AS AT 31.03.2014
ADVANCES (Unsecured)		
Suppliers/ Contractors	105894838	61730623
Tax Deducted at Source	26514680	2343270
Total	132409518	64073893

NOTE-BS/13

INVENTORIES


(Amount in Rs.)		
PARTICULARS	AS AT 31.03.2015	AS AT 31.03.2014
STORES & SPARES		
Stock of materials *	6755496421	7421133521
Less : Provision for Obsolete Stores	81500000	81500000
Total	6673996421	7339633521

* Include material issued to fabricators, obsolete material, scrap, transformers sent for repair and store excess/shortage pending for investigation.

Note The provision for unserviceable/obsolete material has not been made since sufficient provisions already exist in the Transfer Scheme.







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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-BS/14

TRADE RECEIVABLES

(Amount in Rs.)				
PARTICULARS	AS AT 31.03.2015		AS AT 31.03.2014	
Trade receivables outstanding from Customers				
For a Period More than six months:				
Secured & Considered good*	4208352200		3588384449	
Unsecured & Considered good	46399494229		41728241656	
Doubtful	19192318595	68800165024	17927015798	63243641903
Less: Provision for Doubtful trade receivables		18192318595		17927015798
		50607846429		45316626105
Trade receivables outstanding from Customers				
For a Period Less than six months:				
Secured & Considered good*	379007394		369561309	
Unsecured & Considered good	2347136525		144493522	
Doubtful	143481259	2869625178	13873035	527927866
Less: Provision for Doubtful trade receivables		143481259		13873035
		2726143919		514054831
		53333990346		45830680936

* Secured against security deposit from consumers

Note :- Age-wise classification of Sundry Debtors could not be given for want of age-wise details of receivables transferred under the Transfer Scheme, 2003

NOTE-BS/15

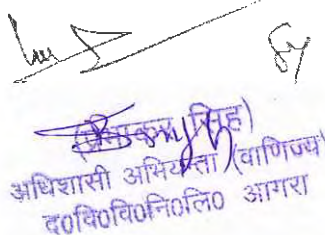
CASH AND CASH EQUIVALENTS

(Amount in Rs.)				
PARTICULARS	AS AT 31.03.2015		AS AT 31.03.2014	
CASH IN HAND				
Cash in Hand (Including Imprest with Staff)		5782154393		864302074
Balances with Scheduled Banks				
In Current and other Accounts	4086748785		5401416783	
In Fixed Deposit Account	<u>1686952934</u>	5773701719	<u>748316520</u>	6149733303
Total		11555856112		7014035377

NOTE-BS/16

OTHER CURRENT ASSETS

(Amount in Rs.)				
PARTICULARS	AS AT 31.03.2015		AS AT 31.03.2014	
Other receivables		94846832		36856687
Receivables from				
U P Power Corporation Limited	84468164297			
Poorvanchal Vidyut Vitran Nigam Limited	282396782		269531482	
Paschimanchal Vidyut Vitran Nigam Limited	14438605		0	
U.P. Rajya Vidyut Utpadan Nigam Limited	3173292		0	
U.P. Power Transmission Corporation Limited	245927762	85014100738	160658605	430190087
Receivables from Govt.				
Waival of Electricity Dues		38630695		22011898
Inter Unit Transfers		10316000460		7242673048
Total		95463578725		7731731720


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208

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA


NOTE-PL/01

REVENUE FROM OPERATIONS

		(Amount in Rs.)	
PARTICULARS	For the year ended on 31.03.15	For the year ended on 31.03.14	
<u>Supply in Bulk</u>			
Torrent Power Ltd	6187873159	6474328752	
<u>Large Supply Consumers</u>			
Industrial	14995200792	15303548818	
Traction	1720926517	1301108363	
Irrigation	575943626	626293637	
Public Water Works	1443086154	1051595465	18282546283
<u>Small and Other Consumers</u>			
Domestic	10674154192	9162204275	
Commercial	5925135460	5875645694	
Industrial Low and Medium Voltage	3311818385	3440935324	
Public Lighting	527195885	618415895	
STW & Pump Canals	2480311493	2118686489	
PTW & Sewage Pumping	2809648699	25728264914	23824325201
Miscellaneous Charges from Consumers	1466626592	56070575	
Less: Energy Internally Consumed	327368508	409744849	
Sub Total	51790553246	48027525962	
Add: Electricity Duty	2876939477	2857321921	
Total	54667492723	50884847883	







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200

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-PL/02

OTHER INCOME

(Amount in Rs.)		
PARTICULARS	For the year ended on 31.03.15	For the year ended on 31.03.14
From U.P Govt.		
RE Subsidy from Govt. of U P	512200000	500000000
Revenue Subsidy from Govt. of U.P.	9226900000	8678800000
Subsidy for Power Loans	29054280	0
Subsidy for Operational Losses	24404528000	0
Interest from :		
Loans to Staff*	4301	43818
Banks (Other than on Fixed Deposit)	68660073	36845709
Fixed Deposits	190255043	40566854
Delayed Payment Charges from Consumers	1362232623	999106298
Income from Contractors / Suppliers	96216304	75813451
Rental from Staff	830727	1137100
Miscellaneous Receipts	25116192	31041797
Total	35916997543	10363354827

Note - *Pertains to loan amount advanced during the UPSEB and UPPCL period.

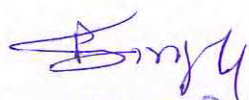
NOTE-PL/03

TRADED GOODS (PURCHASE OF POWER)

(Amount in Rs.)		
PARTICULARS	For the year ended on 31.03.15	For the year ended on 31.03.14
Power Purchased from :		
Uttar Pradesh Power Corporation Limited	83988265689	79800196361
Wheeling Charges (UPPTCL)	3038806455	2488945455
Total	87027072144	82289141816







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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-PL/04

EMPLOYEES COST

(Amount in Rs.)		
PARTICULARS	For the year ended on 31.03.15	For the year ended on 31.03.14
Salaries and Allowances	1104204951	1165552997
Dearness Allowance	924117770	942617880
Other Allowances	82170948	92570237
Bonus / Ex-gratia	2577035	10264844
Medical Expenses (Re-Imbursement)	7380167	38010127
Earned Leave Encashment	87727711	123454140
Compensation	1473644	2389326
Staff Welfare Expenses	1278207	5511703
Pension and Gratuity	268869976	284764423
Other Terminal Benefits	69311953	58564824
Sub Total	2549112362	2723700501
Less - Expenses Capitalised	1169491753	1020932812
Total	1379620609	1702767689

Note - Liability towards Medical Expenses, Leave Encashment and LTC have been provided to the extent established.


NOTE-PL/05

FINANCE COST

(Amount in Rs.)		
PARTICULARS	For the year ended on 31.03.15	For the year ended on 31.03.14
<u>Interest on Loans :</u>		
Govt. of U.P.	0	226620892
PFC	1979257450	1525410091
REC	1812759244	1436419367
HUDCO	40380785	412146743
Bank Interest	11852969765	10879802383
Interest on Bond	4326544813	0
	20011912057	14253778584
Interest to Consumers	355422256	322577671
Bank Charges	1471086	1507560
Interest on secured Loan	888953208	788958693
Guarantee Charges	166081	296601
Total	21257924688	15593740001







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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-PL/06

OPERATIONS & OTHER EXPENSES

(Amount in Rs.)		
PARTICULARS	For the year ended on 31.03.15	For the year ended on 31.03.14
<u>REPAIRS & MAINTENANCE</u>		
Plant & Machinery	1545896971	1609763611
Buildings	6025717	6341837
Lines Cables Net works etc	1062083912	1679287080
Furniture and Fixtures	0	1440
Office Equipments	1860132	802647
Vehicle Expenditure	536544493	0
<u>OTHER EXPENSES</u>		
Rent	1867973	4371710
Rates & Taxes	1002640	0
Insurance	6435179	3579496
Communication Charges	20627520	19438863
Legal Charges	28526756	21204382
<u>Auditors Remuneration & Expenses</u>		
Audit Fees	600000	690885
Travelling Expenses	540124	1140124
Consultancy Charges		8660241
Travelling & Conveyance		25770723
Printing & Stationery		18540568
Advertisement Expenses		7353771
Electricity Charges		327368508
Water Charges		1990
Entertainment		2500
License Fee		26108552
<u>Miscellaneous Expenses</u>		
Honorariums	112396833	59031777
Internal Audit (Fee & TA)	4846729	1778431
Revenue Expenses	17342980	62769970
Other Miscellaneous	167969701	302556243
Compensation (Other than Staff)		16766852
<u>PROVISIONS</u>		
Bad and Doubtful Debts (Sale of Power)	394911022	264340194
Provision for Theft of Fixed Assets	26441406	46677348
Sub Total	4368493793	4400681792
Less - Expenses Capitalised	355735846	291958354
Total	4012757947	4108723438

Note - The provision for bad & doubtful debts against revenue from sale of power has been made @ 5% on the incremental basis.

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278

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
220 KV SUB STATION, BYE PASS ROAD, AGRA

NOTE-PL/07

DEPRECIATION

(Rs. in Lakhs)		
PARTICULARS	For the year ended on 31.03.15	For the year ended on 31.03.14
Depreciation	2314602377	2278841136
Less: Equivalent amount of Depreciation on Assets acquired out of the Consumer's Contribution and GO UP's Capital Subsidy	627860816	522034524
	1686741561	1756806612


Note: During the year the depreciation has been provided as per Schedule-XIV of the Companies Act, 1956 on SLM basis.


NOTE-PL/08

PRIOR PERIOD ITEMS

(Amount in Rs.)		
PARTICULARS	For the year ended on 31.03.15	For the year ended on 31.03.14
<u>Prior Period Income</u>		
Other Income	0	50223
Revenue From Sale of Power	314406607	0
		50223
<u>Prior Period Expenditure</u>		
Employee Cost	78145284	67617853
Operating Expenditure	12500	3193403
Other Expenses	2061	0
Administration Expenses	32878884	9728083
Interest and other Finance Charges	2232038881	5162240
Power Purchase	0	6906248176
Transmission Charges	0	1377945853
Provision for Theft of Fixed Assets	0	189603193
	2343077610	8559498801
Net - Income/(Expenditure)	(2028671003)	(8559448578)







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DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED

SIGNIFICANT ACCOUNTING POLICIES

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. However, the account of Share Application Money is being done on Receipt Basis.
- (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 the Transfer Scheme, 2003 along with the additions as well as deductions made thereafter
- (b) All costs relating to the acquisition and installation of fixed assets till the date of commissioning are capitalized.
- (c) Consumers Contribution, Grants 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 effected, 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 function at particular unit, employees cost and general & administration expenses are capitalized @ 15% on rural electrification and deposit works and 11% on other works on the amount of total expenditure.
- (f) Borrowing cost during construction stage of capital assets, which was directly attributable to the construction of qualifying assets have been capitalised as per AS-16.


3. DEPRECIATION

- (a) Depreciation is charged on straight line method (SLM) at the rates prescribed by Schedule XIV to the Companies Act, 1956.
- (b) Depreciation has been provided on fixed assets in use at the beginning of the year. Depreciation on additions to Fixed Assets during the year has been provided on six month average basis after deducting discarded assets.
- (c) 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.

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274

5. REVENUE / EXPENDITURE RECOGNITION

- (a) Revenue from sale of energy is accounted for on accrual basis.
- (b) Late payment surcharge recoverable from consumers 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, over due interest, commitment charges and incentive/rebates on loans are accounted for on cash basis after final ascertainment.


6. POWER PURCHASE


- (a) The bulk power purchases from Uttar Pradesh Power Corporation Ltd., the Holding Company is accounted for on the basis of bills raised by them.
- (b) Transmission charges are accounted for on the basis of bills raised by U.P. Power Transmission Corporation Ltd. (UPPTCL)

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) Leave encashment and post retirement medical benefits are accounted for on the basis of claims received and approved during the year.


(L.K. Gupta)
Dy. General Manager (FA&A)


(Saroj Kumar Mishra)
Director (Finance)
DIN NO. 00700028


(Prabhu N. Singh)
Managing Director
DIN NO. 06663230



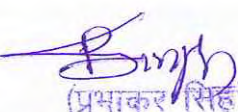

(प्रभाकर सिंह)
अधिसासी अभियन्ता (वाणिज्य)
दणविणविणविणविण आगरा

DAKSHINANCHAL VIDYUT VITRAN NIGAM LIMITED
NOTES NO. PL/09

NOTES ON ACCOUNTS ANNEXED TO AND FORMING PART OF BALANCE SHEET AS AT 31.03.2015 AND STATEMENT OF PROFIT & LOSS FOR THE YEAR ENDED ON THAT DATE

1. The Nigam was incorporated under the Companies Act, 1956 on 01.05.2003 and commenced the business operation 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
2. The Nigam is a subsidiary of U.P. Power Corporation Ltd. The annual accounts for the year 2013-15 are based on the balances of assets and liabilities received as per Transfer Scheme, 2003. (Annexure-A) as well as the transactions pertaining to distribution 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 issued and the balances in the accounts will be adjusted accordingly
3. The share capital includes 500 Equity Shares of Rs.1000 each allotted to subscribers of Memorandum of Association and shown separately in Balance Sheet.
4. The liability for GPF, Pension and Gratuity Contribution during the period have been discharged to U.P. Power Sector Employees Trust partly by UPPCL and shown as payable to UPPCL by the Nigam. The liability have partly been discharged by the Nigam.
5. (a) In the absence of asset wise break up of Plant and Machinery, Lines, Cables and other assets taken over as on 12.08.2003, the depreciation on these assets have been charged @ 4.75% on the value transferred under the Transfer Scheme, 2003 being the rate prescribed for majority of the items in the Companies Act, 1956.
(b) During the year, the depreciation has been provided as per Schedule-XIV of the Companies Act, 1956 on SLM basis.
(c) Due to multiplicity of nature of capital works and difficulty in establishing the correct date of installation of assets, the depreciation on additions fixed assets during the year has been provided on pro-rata basis by taking average Six month period.
6. (a) Age-wise classification of Sundry Debtors could not be given for want of age-wise details of receivables transferred under the Transfer Scheme, 2003.
(b) The Provision for bad & doubtful debts against revenue from sale of power has been made @ 5 % on the incremental basis.
7. Difference between the loan transferred under provisional Transfer Scheme 2003 and actual loan has been shown in Restructuring Reserve Account.
8. The provision for unserviceable/obsolete material has not been made since sufficient provisions already exist in the Transfer Scheme.
9. Liability towards Medical Expenses, Leave Encashment and LTC have been provided to the extent established.
10. Based on actuarial valuation report submitted by M/s Price Waterhouse Coopers to UPPCL (the Holding Company) provision for accrued liability on account of Pension and Gratuity for the period from 01.04.2014 to 31.03.2015 has been made @16.70% and 2.38% respectively on the amount of Basic pay, Grade pay and DA paid to employees
11. Amount due to SSI units could not be ascertained and interest thereon could not be provided for want of complete information. Efforts are being made to segregate this information.
12. 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.

Contd...2


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अधिसासी अभियन्ता (वाणिज्य)
दावि०वि०निलि० आगरा


13. 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 regards related party relationship with other state-controlled enterprises and transactions with such enterprises."
14. Due to carry forward losses/depreciation and uncertainty to recover such losses in near future, accounting of deferred tax assets as required by AS-22 issued by ICAI, New Delhi has not been made.
15. The figures shown in the Balance Sheet, Statement of Profit & Loss and Notes have been rounded off to the nearest lacs and decimal thereof.
16. Previous year figures as shown in the Balance Sheet, Statement of Profit & Loss and Notes have been regrouped and rearranged, wherever considered necessary as the statement of account have been prepared under to the provision of revised Schedule 'VI'.
17. Last Year Figures are taken as per Audited Balance Sheet as on 31.03.2014.
18. Previous year figures have been regrouped and reclassified wherever considered necessary.


(L.K. Gupta)
Dy. General Manager (FA&A)


(Saroj Kumar Mishra)
Director (Finance)
DIN NO. 00700028


(Prabhu N. Singh)
Managing Director
DIN NO. 06663230




(प्रभाकर सिंह)
अधिसासी अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० आगरा

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

ANNEXURE - 4

POLICY FOR IDENTIFYING & WRITING OFF OLD ARREARS



(३०५०) सरकार वन उपक्रम

(उ०प्र० सरकार वन उपक्रम)

‘वाणिज्य एवं सेवा’ लेखा खण्ड

शक्ति सूक्त, १४-अशोक मठ, लखनऊ

फोन नं० : 0522-2287368 फैक्स : 0522-228734

For: recomappel@gmail.com - www.recomappel.org

दिनांक जनवरी ०५/२०१४ ई

विषय :- अन्तराष्ट्रिय विवाह कायदे का अभाव / अभाव के कारण

Bad & Doubtful debts

कायलप ज्ञापन

लक्ष्मण स्वामी-२००१/२००२ और ३ दिनांक जून, २००१ को और अधिक समायोजन हेतु चरमोत्तरण हित में माना/विहित समायोजन दिये जाते हैं :-

[illegible]

SE (Rev. 11-1)

Bathke et al. 2014

28
15/11/18

225
15.000

(प्रभाकर सिंह)
अधिकासी अभियन्ता (वाणिज्य)
द०वि०वि०नि०लि० अमरा

<p>(ख) रु० 50000.00 (पचास हजार) से अधिक के समस्त सामान :- अध्यक्ष - संबंधित मुख्य महाप्रबन्धक (वितरण अंचल) सदस्य - संबंधित महाप्रबन्धक (वितरण क्षेत्र) सदस्य - संबंधित उपमहाप्रबन्धक (वितरण मण्डल) (ग) धारा 30-3 व 4 में उल्लिखित प्रक्रिया के अनुसार क्रियेशियस बकायों का विवरण संलग्न प्रारूप-1 में तथा धारा 30-5 के अनुसार अप्रत्यक्ष बकायों का विवरण संलग्न प्रारूप-2 में भर कर उसे महाप्रबन्धक (वितरण मण्डल) / मुख्य महाप्रबन्धक (वितरण) अंचल को तत्पर मर प्रस्तुत-7 में उल्लिखित समिति को अनुमोदन हेतु प्रस्तुत किया जायेगा।</p>	<p>(घ) 50 हजार तक के इकाय पर :- अधिशारी अभियन्ता (वितरण मण्डल) :- अध्यक्ष अधी० अभि० / सहा० अभि० (राजस्व) :- सचिव लेखाकार (राजस्व) :- सदस्य</p>
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परन्तु बड़ी एवं बड़ी उपभोक्ताओं का खाई विवरण प्राप्त करने के लिए सम्बन्धित अधिकारी अधिकृत हों। परन्तु उपभोक्ताओं का खाई कोड-09 (खातासमाप्ति) अधिशारी अभियन्ता वितरण द्वारा किया जायेगा। खाई विवरण हेतु 30000 विद्युत प्रदाय संविदा 2005 के पैरा 4.38 का पालन किया जायेगा।

उपरोक्त कार्यक्षेत्र धारा संख्या-2/29/सीएआर/आर-3 दिनांक जून 7, 2004 में उल्लिखित सप्त महाप्रबन्धक, महाप्रबन्धक एवं मुख्य महाप्रबन्धक के स्थान पर अधीक्षण अभियन्ता, मुख्य अभियन्ता एवं निदेशक (वाणिज्य/राजस्व) स्तरीय जायें।

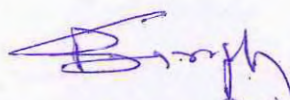
(सचिव अंचल)
अध्यक्ष

सं- 10/04/04/00000000/सीएआर-3/ दिनांक जून 7, 2004

प्रतिनिधि :-

- 1- प्रथम निदेशक (मध्यम) / पूर्वोक्त / वितरण / परिचालन, लखनऊ / वाराणसी / आगरा / मेरठ एवं करना।
- 2- निदेशक (वाणिज्य) / वित्त / वितरण / कोड प्रदाय एवं प्रशास, पारसि
- 3- निदेशक (वाणिज्य) / तकनीकी, सहायक / पूर्वोक्त / वितरण / परिचालन, लखनऊ / वाराणसी / आगरा / मेरठ
- 4- सचिव मुख्य अभियन्ता (वितरण), 30000/04/00000000
- 5- सचिव अधीक्षण अभियन्ता (वितरण), 30000/04/00000000
- 6- सचिव अधिशारी अभियन्ता (वितरण), 30000/04/00000000

(सचिव अंचल)
अध्यक्ष



(प्रभाकर सिंह)
अधिशारी अभियन्ता (वाणिज्य)
द० वि० वि० नि० आगरा