

# U.P. POWER TRANSMISSION CORPORATION LIMITED

उ०प्र० पावर ट्रांसमिशन कारपोरेशन लिमिटेड

(उत्तर प्रदेश सरकार का उपक्रम)

कार्यालय

निदेशक (वाणिज्य)

11वां तल, शक्ति भवन विस्तार

14-अशोक मार्ग लखनऊ-226001



OFFICE OF THE

DIRECTOR (COMMERCIAL)

11<sup>TH</sup> Floor, Shakti Bhawan Extn.

14-Ashok Marg Lucknow-226001

Ref No- 322/Dir(comm.)UPPTCL/2014/ARR/2015-16

Date- December, 2014

To,

The Secretary

U.P. Electricity Regulatory Commission,

II Floor, Kisan Mandi Bhawan,

Gomti Nagar, Vibhuti Khand,

Lucknow-226010

**Subject: Submission of ARR and Tariff Petition of UPPTCL and Budget of UP-SLDC for FY 2015-16 along with True Up of FY 2012-13**

Dear Sir,

This petition is filed in accordance with Section 62 of the Electricity Act 2003 and as per the provisions of the Transmission Tariff Regulations as notified by the UPERC, and as per the Clause 14 of the UPERC (Fees and Charges to SLDC) Regulations 2004. The petition is being submitted in six (1+5) copies along with soft copy of the same in CD (Compact Disk), for kind approval of Hon'ble Commission. The Petitioner is also enclosing the application fee of Rs. 15 Lacs vide Bankers Cheque (Cheque No. "578308", Dated 12.12.2014)

Thanking You,

Encl: As Above.

Yours faithfully,

(Pramod Gopalrao Khandalkar)

Director (Commercial)

Ref No- 322/Dir(comm.)UPPTCL/2014/ARR/2015-16

Date- December, 2014

Copy forwarded for kind information of:

1. The Chairman, UPPTCL,
2. The Managing Director, UPPTCL,
3. The Director Finance, UPPTCL.

15

(Pramod Gopalrao Khandalkar)

Director (Commercial)

FORM-1

BEFORE THE HON'BLE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION, KISAN  
MANDI BHAWAN, GOMTINAGAR, LUCKNOW

Receipt Register No.: \_\_\_\_\_

Petition No.: \_\_\_\_\_

IN THE MATTER OF

ANNUAL REVENUE REQUIREMENT AND TARIFF PETITION FOR FY 2015-16 AND FINAL TRUE UP FOR  
FY 2012-13

AND

IN THE MATTER OF

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED (UPPTCL)  
SHAKTI BHAWAN, 14-ASHOK MARG, LUCKNOW

APPLICANT

Vs

DAKSHINACHAL VIDYUT VITRAN NIGAM LIMITED (DVVNL),  
GALINA ROAD, AGRA

MADHYANCHAL VIDYUT VITRAN NIGAM LIMITED (MVVNL),  
GOKHALE MARG, LUCKNOW

PASCHIMANCHAL VIDYUT VITRAN NIGAM LIMITED (PVVNL),  
VICTORIA PARK, MEERUT

PURVANCHAL VIDYUT VITARAN NIGAM LIMITED (PuVVNL),  
VIDYUT NAGAR, VARANASI

KANPUR ELECTRICITY SUPPLY COMPANY LIMITED (KESCO),  
KESA HOUSE, 14/71 CIVIL LINES, KANPUR

NOIDA POWER COMPANY LIMITED (NPCL),  
ALPHA - II SECTOR, GREATER NOIDA CITY

RESPONDENT

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





उत्तर प्रदेश UTTAR PRADESH

FORM-2

BEFORE THE HON'BLE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION, KISAN  
MANDI BHAWAN, GOMTINAGAR, LUCKNOW

Receipt Register No.: \_\_\_\_\_

Petition No.: \_\_\_\_\_

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IN THE MATTER OF

ANNUAL REVENUE REQUIREMENT AND TARIFF PETITION FOR FY 2015-16 AND FINAL TRUE UP FOR  
FY 2012-13

AND

IN THE MATTER OF

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED (UPPTCL),  
SHAKTI BHAWAN, 14-ASHOK MARG, LUCKNOW

APPLICANT

Vs

DAKSHINACHAL VIDYUT VITRAN NIGAM LIMITED (DVVNL),  
GALINA ROAD, AGRA

RESPONDENT

MADHYANCHAL VIDYUT VITRAN NIGAM LIMITED (MVVNL),  
POKHAR MARG, LUCKNOW

Chandrika Pd. Misra  
Advocate & Notary  
H.O. Collectorate  
Lucknow U.P. INDIA  
Reg. No. 31/25/1999

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



PASCHIMANCHAL VIDYUT VITRAN NIGAM LIMITED (PVVNL),  
VICTORIA PARK, MEERUT

PURVANCHAL VIDYUT VITARAN NIGAM LIMITED (PuVVNL),  
VIDYUT NAGAR, VARANASI

KANPUR ELECTRICITY SUPPLY COMPANY LIMITED (KESCO),  
KESA HOUSE, 14/71 CIVIL LINES, KANPUR

NOIDA POWER COMPANY LIMITED (NPCL),  
ALPHA - II SECTOR, GREATER NOIDA CITY

RESPONDENT

### AFFIDAVIT

I Pramod G. Kandalkar Son of Late Sri. Gopalrao L. Khandalkar, aged 53 years resident of 2, Vivekanandpuri Hydel Colony, Lucknow do solemnly affirm and declare as under;

1. That I am Director (Commercial) of UPPTCL, the petitioner in the matter and am duly empowered and authorized to make this affidavit on its behalf.
2. That I am filing the enclosed Annual Revenue Requirement and Tariff Petition for FY 2015-16 and Final True Up for FY 2012-13.
3. That the contents of the petition filed by the petitioner are based on the information available with Petitioner in the normal course of business and believed by me to be true.
4. I say that the Text, Appendixes and Annexure to the Petition are the true and correct copies of their original.

### VERIFICATION

I, the deponent above named, do hereby verify the contents of the above affidavit to be true to the best of my knowledge, no part of it is false and nothing material has been concealed therefrom.

Verified at Lucknow on the Ninth Day of December, Two Thousand and Fourteen

Chandrika Pd. Misra  
Advocate & Notary  
H.O. Collectorate  
Lucknow U.P. INDIA  
Reg. No. 31/25/1999

Identify the deponent/who has  
signed/Put R. T. I before me

DEPONENT  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

DEPONENT  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



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SECRETARY U P ELECTRICITY REGULATORY COMMISSION LUCKNOW\*\*\*\*

को या उनके आदेश पर

Fifteen Lakh Only

OR ORDER

रुपये RUPEES

1500000.00

IOI-000412578308

Key: SOBCAZ Sr. No: 187920

AMOUNT BELOW 1500001(1/7)

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For STATE BANK OF INDIA



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⑈ 578308⑈ 0000020001: 000412⑈ 16

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

**ANNUAL REVENUE REQUIREMENT  
&  
TARIFF PETITION FOR FY 2015-16  
ALONG WITH  
TRUE UP FOR FY 2012-13**



**Uttar Pradesh Power Transmission Corporation Ltd.**

**LUCKNOW**

**December 2014**

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



## Table of Contents

<b>1</b>	<b>Introduction .....</b>	<b>1-1</b>
1.1	Background.....	1-1
1.2	Transmission Tariff Regulations.....	1-1
1.3	ARR Petition and Tariff Order for FY 2014-15 .....	1-1
1.4	ARR and Tariff Petition for FY 2015-16.....	1-2
1.5	Structure of the ARR and Tariff Petition for FY 2015-16.....	1-2
<b>2</b>	<b>Overview of the Transmission Business.....</b>	<b>2-4</b>
2.1	Existing Transmission System.....	2-4
2.2	Interconnections and Northern Region Load Dispatch Centre.....	2-5
2.3	Availability of Lines .....	2-5
2.4	Load Levels .....	2-5
2.5	Bulk Transmission System Flows.....	2-6
<b>3</b>	<b>True up Petition for FY 2012-13 .....</b>	<b>3-8</b>
3.1	True-up Summary for FY 2012-13 .....	3-8
3.2	Operation and Maintenance Expenses .....	3-8
3.3	Interest on Long Term Loans .....	3-11
3.4	Finance Charges .....	3-13
3.5	Interest on Working Capital .....	3-13
3.6	Depreciation.....	3-14
3.7	Prior Period Expenses.....	3-15
3.8	Return on Equity .....	3-16
3.9	Non Tariff Incomes .....	3-17
3.10	Revenue side Truing up .....	3-17
3.11	Aggregate Revenue Requirement for FY 2012-13 after truing up .....	3-17
3.12	Relinquished Return Vs Disallowed Expenses .....	3-18
<b>4</b>	<b>Annual Revenue Requirement for FY 2015-16 .....</b>	<b>4-21</b>
4.1	Components of the Annual Revenue Requirement.....	4-21
4.2	Escalation Index/Inflation Rate .....	4-22
4.3	Operation & Maintenance Expenses.....	4-24
4.4	O&M Expenses on Addition to Assets during the Year.....	4-24
4.5	Operation and Maintenance Expenses for FY 2015-16 .....	4-25
4.6	Gross Fixed Assets Balances and Capital Formation.....	4-26
4.7	Financing of the Capital Investment.....	4-28
4.8	Depreciation Expense .....	4-29
4.9	Interest on Long Term Loans .....	4-30
4.10	Finance Charges .....	4-30
4.11	Interest on Working Capital .....	4-30
4.12	Other Income.....	4-31
4.13	Reasonable Return/ Return on Equity.....	4-31
4.14	Service tax.....	4-32
4.15	Summary of Annual Revenue Requirement for FY 2015-16.....	4-34
<b>5</b>	<b>Power Handling and Demand .....</b>	<b>5-35</b>

6	Proposed Transmission Tariff: .....	6-37
6.1	Derivation of Tariff: .....	6-37
7	Transmission Open Access Charges.....	7-39
8	Cost of SLDC Operations.....	8-40
9	Compliance with Directives .....	9-45
10	Prayers .....	10-50

### List of Annexures

Annexure-1	Tariff Forms as prescribed by Transmission Tariff Regulations	Page - 51
Annexure-2	Statutory Audited Accounts for FY 2012-13 along with CAG Report	Page - 107
Annexure-3	Provisional Accounts for FY 2013-14	Page - 148
Annexure-4	Scheme wise Capital Investment Plan (Ongoing works as well as Proposed Works) for FY 2014-15 and 2015-16	Page - 174
Annexure-5	Approval of the Organisation Structure of the SLDC by GoUP.	Page - 227



## List of Tables

Table 2-1: Total Existing Sub-Stations.....	2-4
Table 2-2: Total Existing Lines (Circuit Km) .....	2-4
Table 2-3: Yearly System Peak in MW .....	2-5
Table 2-4: Monthly System Peak for current Year .....	2-6
Table 3-1: True Up Summary for FY 2012-13 .....	3-8
Table 3-2: Operation & Maintenance Expenses FY 2012-13 .....	3-10
Table 3-3: Operation & Maintenance Expenses FY 2012-13 .....	3-10
Table 3-4: Capital Investments in FY 2012-13.....	3-11
Table 3-5: Consumer Contributions, Capital Grants and Subsidies in FY 2012-13.....	3-11
Table 3-6: Financing of the Capital Investments in FY 2012-13.....	3-12
Table 3-7: Allowable Interest on Long Term Loan for FY 2012-13 .....	3-12
Table 3-8: Allowable Interest on Working Capital for FY 2012-13.....	3-13
Table 3-9: Allowable Interest and Finance Charges for FY 2012-13.....	3-13
Table 3-10: Gross Allowable Depreciation for FY 2012-13.....	3-14
Table 3-11: Net Allowable Depreciation for FY 2012-13.....	3-15
Table 3-12: Prior Period Items for FY 2012-13 .....	3-16
Table 3-13: Allowable Return on Equity for FY 2012-13 .....	3-17
Table 3-14: ARR for FY 2012-13 after Final Truing Up .....	3-17
Table 3-15: Relinquished Return on Equity .....	3-18
Table 3-16: Relinquished Return on Equity Vs Expenses Disallowed .....	3-19
Table 4-1: Escalation Index for FY 2012-13.....	4-22
Table 4-2: Escalation Index for FY 2014-15.....	4-23
Table 4-3: Escalation Index for FY 2015-16.....	4-23
Table 4-4: Allocation of incremental O&M expenses.....	4-25
Table 4-5: Allowable O&M Expenses for FY 2015-16 .....	4-25
Table 4-6: Capitalisation & WIP of Investment during FY 2014-15 & FY 2015-16 .....	4-27
Table 4-7: Gross Fixed Assets for FY2014-15 & FY2015-16 .....	4-27

Table 4-8: Consumer Contribution, Capital Grants & Subsidies considered up to 2015-16 .....	4-28
Table 4-9: Financing of the Capital Investment up to FY 2015-16 .....	4-28
Table 4-10: Gross Allowable Depreciation for FY 2015-16 .....	4-29
Table 4-11: Net Allowable Depreciation for FY 2015-16 .....	4-29
Table 4-12: Allowable Interest on Long Term Loans for FY 2015-16 .....	4-30
Table 4-13: Interest on Working Capital .....	4-31
Table 4-14: Allowable Return on Equity for FY 2015-16 .....	4-32
Table 4-15: Annual Revenue Requirement for FY 2015-16 .....	4-34
Table 5-1: Energy Profile for FY 2013-14 to 2015-16 .....	5-35
Table 6-1: Derivation of Transmission Tariff for FY 2015-16 .....	6-37
Table 7-1: Proposed Open Access Transmission Charges for FY 2015-16 .....	7-39
Table 8-1: Sanctioned Vs Actual Working Manpower Position in SLDC .....	8-40
Table 8-2: Details of System Operator Training (NPTI) .....	8-42
Table 8-3: SLDC Budget for FY 2015-16 .....	8-42
Table 8-4: SLDC Fee for FY 2015-16 .....	8-44
Table 9-1: Status of Compliance of the Directives issued vide Order dated 21.05.2013 .....	9-45
Table 9-2: Status of Compliance of the Directives issued vide Order dated 01.10.2014 .....	9-46



## **Executive Summary:**

- In accordance with Section 62 of the Electricity Act 2003 and provisions of the Transmission Tariff Regulations notified by the Commission, the Uttar Pradesh Power Transmission Corporation Limited is submitting before the Hon'ble UPERC, the Aggregate Revenue Requirement and Tariff Petition for FY 2015-16.
- In this Petition, the Licensee is submitting application for Aggregate Revenue Requirement for FY 2015-16 along with the True up for FY 2012-13 based on statutory audited accounts, and revised estimates of FY 2013-14 based on provisional accounts.
- As prescribed in the Transmission Tariff Regulation, the Petitioner is required to file the Aggregate Revenue Requirement complete in all respects along with requisite fee as prescribed in the Commission's Fee and Fine Regulations each year containing the details of the estimated expenditure and the expected revenue that it may recover in the ensuing financial year at the prevailing tariff. Further, the Petitioner is required to file ARR for the ensuing financial year indicating the manner in which the gap between the expenses which it is permitted to recover and expected revenue for ensuing financial year shall be bridged.
- As per provisions under the Electricity Act 2003, separate State Load Despatch Centre (SLDC) is to be established by the State Government to ensure integrated operation of Power System in the State. Further Transmission Regulations provide that till such time the State Govt establishes separate SLDC, STU shall also operate SLDC functions and till complete segregation of accounts between SLDC function & transmission function, STU shall apportion its cost between (i) SLDC function and (ii) Transmission Function based on an allocation statement & basis of such apportionment shall be clearly indicated in the ARR petition. Currently the function of SLDC is being discharged by a separate department within UPPTCL. Expenses of SLDC function & ARR has been worked out on the basis of best judgment. Further as mandated in clause 2.14 of U.P. Electricity Grid Code, 2007, "State Power Committee" has been constituted under the chairmanship of Chief Engineer (SLDC).
- The objective of the Petitioner in this filing has been to contain the expenses to a reasonable level to offset inflationary pressure as prevailing in the market. For ensuing year, the Petitioner has also taken a daunting task to control the expenses to the reasonable level but due to prevailing market condition, it may not be possible to limit expenses to current level due to uncontrollable factors. Further, the Petitioner has computed the ARR in strict compliance with the Transmission Tariff Regulations.
- The Petitioner in the current and ensuing year has continued with the execution of the major capital investment project as also the must do projects for meeting the demand growth, creating adequate capacity for reducing the over loading of heavily loaded feeders and transformers. The Petitioner has proposed a capital expenditure of Rs. 4,800 crore for FY 2015-16. Details of major capital investment plan are submitted in the Petition along with the proposed funding mechanism.

- The Petitioner while estimating expenses for current & ensuing year has taken into account the actual expenses incurred in FY 2012-13 as per audited accounts; the revised estimates for FY 2013-14 are based on unaudited accounts and estimated expenses incurred up to date for current year.
- The Petitioner has computed the eligible expense side true up for FY 2012-13 to the tune of Rs. 1,365.59 crore. Further, the revenue billed to long term consumers, open access consumers and SLDC charges is to the tune of Rs. 1,308.78 crore. Thus, there is a revenue gap of Rs. 56.82 crore in FY 2012-13.
- The ARR for FY 2015-16 has been estimated to be Rs. 1,966.08 crore. The transmission charges payable by all the distribution licensees in the state is computed below:

**Derivation of Transmission Tariff for FY 2015-16**

Particulars	Unit	Approved
Annual Revenue Requirement for FY 2015-16	Rs Crore	1,966.08
Revenue Gap for FY 2012-13 consequent to final truing up	Rs Crore	56.82
<b>Total Net ARR for FY 2015-16</b>	<b>Rs Crore</b>	<b>2,022.90</b>
Energy to be delivered to Discoms in FY 2015-16	MU	1,03,076
<b>Transmission Charges</b>	<b>Rs./kWh</b>	<b>0.1963</b>

- The proposed open access transmission charges for FY 2015-16 are Rs. 196.30 per MWh for all open access customers of UPPTCL. The rate is applicable for all short term and long term customers.
- In order to assess the annual operating cost of SLDC, the same is estimated and shown separately for the FY 2015-16 considering all SLDC base transactions and income generation. The SLDC budget for FY 2015-16 is estimated at Rs. 41 crores. This cost is adopted as base for deciding various fee and charges for SLDC, so as to cover 100% cost of operations of SLDC. However separate truing up of cost of SLDC for FY 2012-13 is not done as the accounts of SLDC is yet to be separated and is therefore considered to be part of UPPTCL truing up process.

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



## **1 Introduction**

### **1.1 Background**

The Uttar Pradesh Power Transmission Corporation Limited (herein after referred to as 'UPPTCL' or the 'Petitioner') is a company incorporated under the Companies Act, 1956 by making amendment in the Object and Name clause of Uttar Pradesh Vidyut Vyapar Nigam Ltd and having duly passed Special Resolution on 7<sup>th</sup> June 2006 in terms of Section 21 of the Companies Act, 1956. UPPTCL started functioning with effect from 26<sup>th</sup> July, 2006 and is entrusted with the business of transmission of electrical energy to various utilities with the help of its transmission lines and substations within the geographical area of Uttar Pradesh. Before the incorporation of UPPTCL, transmission work was entrusted with UPPCL. Government of Uttar Pradesh (herein after referred to as the 'GoUP' or the 'State Govt.') in exercise of powers under section 30 of the Electricity Act, 2003, vide notification No: 122/U.N.N.P/24-07 dated 18<sup>th</sup> July 2007, notified Uttar Pradesh Power Transmission Corporation Limited as the State Transmission Utility of Uttar Pradesh. The UPPTCL now deals with the transmission of electricity for catering to the power requirements of four distribution companies viz. Madhayanchal Vidyut Vitran Nigam Ltd, Dakshinanchal Vidyut Vitran Nigam Ltd, Paschimanchal Vidyut Vitran Nigam Ltd and Poorvanchal Vidyut Vitran Nigam Ltd in addition to two other distribution companies serving Kanpur Electricity Supply Company Limited (herein after referred to as the 'KESCO'), Kanpur and Noida Power Company Limited (herein after referred to as the 'NPCL'), Noida.

On 23<sup>rd</sup> December, 2010, the GoUP, in exercise of powers conferred under sub section (4) of section 131 of Electricity Act, 2003 and in partial modification of the scheme made under section 23 of the Uttar Pradesh Electricity Reforms Act, 1999 issued Transfer Scheme for the purpose of transfer of the transmission activities including the assets, liabilities and related proceedings from U.P. Power Corporation Ltd., to the Uttar Pradesh Power Transmission Corporation Limited.

### **1.2 Transmission Tariff Regulations**

The Hon'ble Uttar Pradesh Electricity Regulatory Commission in exercise of the powers conferred under Section 61 and 181 of the Electricity Act, 2003 issued the Uttar Pradesh Electricity Regulatory Commission (Terms and Conditions for Determination of Transmission Tariff) Regulations, 2006 (hereinafter referred to as the "Transmission Tariff Regulations") on 6<sup>th</sup> October, 2006.

These regulations are applicable for the purposes of Annual Revenue Requirement (herein after referred to as the 'ARR') filing and Tariff determination of all the transmission licensees' within the State of Uttar Pradesh.

### **1.3 ARR Petition and Tariff Order for FY 2014-15**

The Hon'ble Commission issued a Tariff Order determining the Annual Revenue Requirement and transmission tariff for FY 2014-15 vide its order dated 1<sup>st</sup> October, 2014. In this Order, the Hon'ble Commission also conducted the final truing up for FY 2011-12.

#### 1.4 ARR and Tariff Petition for FY 2015-16

A combined reading of the Section 62 and 64 of the Electricity Act, 2003 and the UPERC (Terms and Conditions of Transmission Tariff) Regulations, 2006 require a transmission licensee to file its ARR Petition by November 30, 2014.

The Petitioner is hereby submitting its ARR and Tariff Petition for FY 2015-16 along with the tariff formats prescribed by the Transmission Tariff Regulations. The Tariff Forms are enclosed herewith and marked as 'Annexure-1'. By means of this Petition, the UPPTCL is also seeking the final truing up for FY 2012-13 based on statutory audited accounts and approval of revised estimates of FY 2013-14 based on provisional accounts.

Accordingly, the Petitioner has filed this ARR, complete in all respects, along with requisite fee for ensuing year, with details of the estimated expenditure that it may incur in the ensuing financial year. The ARR filing includes the detailed tariff proposal for transmission and wheeling of electricity. In this petition, the Petitioner is submitting the following as part of the ARR and Tariff filings for FY 2015-16.

- O & M Expenses.
- Deprecation.
- Interest on Loan.
- Interest on working capital.
- Return on equity.
- Non-tariff incomes.

Considering the above, this filing broadly provides the following:

- Truing up for the financial year 2012-13 based on audited accounts
- Actual performance of the transmission business for the financial year 2013-14 based on provisional accounts.
- Revised estimates for the financial year 2013-14; and
- Proposed ARR for the financial year 2015-16.

#### 1.5 Structure of the ARR and Tariff Petition for FY 2015-16

The structure of this ARR Petition is as under:

In accordance with the provisions of Transmission Tariff Regulations, the Petitioner is filing Annual Revenue Requirement of the Transmission business including tariff and charges for FY 2015-16. This ARR filing includes detailed tariff proposal for transmission and wheeling of electricity.

The structure of this ARR & Tariff Petition FY 2015-16 are as under:

**Section 1**      Introduction: This contains a brief background and rationale used for the submission; major assumptions used and describe the structure of the current submission.

- Section 2** Overview of the Transmission Business
- Section 3** Truing up for FY 2012-13 based on audited accounts
- Section 4** Annual Revenue Requirement (ARR) for FY 2015-16: This includes the ARR forecast for FY 2015-16 for UPPTCL
- Section 5** Power Demand and Wheeling – Energy Balance
- Section 6** Proposed Transmission Tariff – For FY 2015-16 this provides the proposed transmission tariff for UPPTCL. This tariff would be applied to all DisComs and current Bulk Supply Consumers.
- Section 7** Transmission Open Access Charges
- Section 8** SLDC Charges - This includes the ARR forecast for FY 2015-16 for SLDC.
- Section 9** Compliance with Directives
- Section 10** Prayers



## 2 Overview of the Transmission Business

### 2.1 Existing Transmission System

The transmission system in the state is composed of 765 kV, 400 kV, 220 kV and 132 kV AC lines and substations. UPPTCL has also constructed one 765 kV AC single circuit line as well connecting 765 kV Anpara and Unnao substations.

Majority of the transmission lines & substations in the state are owned and operated by UPPTCL. However, there are other transmission lines & substations in UP (including a  $\pm$  500 kV bipole HVDC line from Rihand to Dadri) that carry electricity from the central sector plants to the neighbouring states and these are owned and operated by the Power Grid Corporation of India Limited (PGCIL).

The 765 kV, 400 kV and 220 kV network forms the transmission grid while the 132 kV systems has been treated as a sub transmission system. Over a period of time, some of the 132 kV lines formed local grids while a majority of them are radial lines.

The UPPTCL is constructing 765 kV and 400 kV sub-stations along with associated transmission lines to evacuate power from proposed Anpara-D (2x500 MW), Bara (3x660 MW), Karchana (2x660 MW) and Meja (3x660 MW) thermal power projects and to wheel them to different load centres concentrated mainly in the central and eastern part of Uttar Pradesh. The transmission works awarded under Public Private Partnership on BOOT mode have been divided into two packages of about Rs. 5,294.05 crore and Rs. 4,876.36 crore respectively. Package-I has been awarded to M/s Isolux and Package-II has been awarded to M/s Cobra. In Package-I, one no. 765 kV sub-station and four nos. 400 kV sub-stations along with associated lines and in Package-II two nos. 765 kV sub-stations and five nos. 400 kV sub-stations along with associated lines are being constructed.

The details of the existing network strength of UPPTCL as on 31<sup>st</sup> March 2014 are provided in the tables below:

Table 2-1: Total Existing Sub-Stations

Voltage level	Existing Substations	Total Capacity (MVA)
765 kV	1	2000
400 kV	14	9195
220 kV	75	23570
132 kV	286	29003

Table 2-2: Total Existing Lines (Circuit Km)

Voltage level	Total Length (Ckt. Kms)
765 kV	411
400 kV	4778
220 kV	8183
132 kV	14232

## 2.2 Interconnections and Northern Region Load Dispatch Centre

UPPTCL's existing transmission system is interconnected to the northern grid comprising of neighbouring states, namely, Uttarakhand, Haryana, and Rajasthan. In addition, it connects with Direct Current lines from Bihar in the east and Madhya Pradesh in the South.

Until November 2002, there was only one State of UP and one transmission grid for the entire erstwhile UP. The ownership of lines and substations have changed since reorganisation of UP into two States, i.e. UP & Uttarakhand.

The UPPTCL power system is a part of the Northern Regional Grid of India. The Northern Grid is controlled from a unified regional load dispatch centre at Delhi. The Northern Regional Load Dispatch Centre (NRLDC) is equipped with modern SCADA and Energy Management System Software. The SCADA system is fully functional with applications like State Load Estimation, Economic Load Dispatch and security assessment. The NRLDC has modified its economic load dispatch software to take into account the Availability Based Tariff (ABT).

The GoUP has notified "Power System Unit" as State Load Dispatch Centre (SLDC) on 24<sup>th</sup> January 2011. Presently, the SLDC is engaged in the demand side management as well as ABT management process on behalf of Discoms. Also, scheduling and energy accounting of Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd., Bajaj Energy, Lanco Anpara, Roza Thermal Power Plant, and NTPC Tanda is being done by the SLDC. The required infrastructure for making SLDC fully functional is under development. Separate SLDC building is under and is expected to be ready by 2015 end.

## 2.3 Availability of Lines

Availability of lines and other equipments of the UPPTCL system is positively around 98% and with this system UPPTCL handles transmission of energy from different generating units to the distribution licensees' (Points) effectively.

## 2.4 Load Levels

The load centre power demands and their daily, monthly & yearly load levels and associated load power factors are important factors that influence the planning of the bulk transmission system. UPPTCL loads are generally scattered throughout the state with heavy demands in Varanasi, Allahabad, Lucknow, Kanpur, Agra and Meerut areas. The annual peak load generally occurs in summer months. The following tables typically show the yearly peak demand of previous years & monthly current year peak demand respectively.

Table 2-3: Yearly System Peak in MW

Month	Max. Demand Met	R.D.M	U.D.M
	MW	MW	MW
2003-04	5403	6788	7368
2004-05	5717	6870	7970



Month	Max. Demand Met	R.D.M	U.D.M
	MW	MW	MW
2005-06	6112	7437	8537
2006-07	7188	7653	8753
2007-08	7504	8604	10104
2008-09	8222	8337	10587
2009-10	8186	9356	10856
2010-11	10672	9888	11082
2011-12	11767	12038	12123
2012-13	12048	13090	14300
2013-14	12327	13185	15044

Table 2-4: Monthly System Peak for current Year

Month	Max. Demand Met	Max. R.D.M	Max. U.D.M
	MW	MW	MW
Nov-13	12327	10398	12327
Dec-13	10701	10928	12823
Jan-14	10950	11593	13612
Feb-14	10534	11321	12821
Mar-14	11211	11683	13183
Apr-14	11875	13758	14966
May-14	12851	14556	15506
Jun-14	12734	13949	15670
Jul-14	12027	13993	15323
Aug-14	12295	14562	15162
Sep-14	11844	14369	15231
Oct-14	13003	12835	14805

## 2.5 Bulk Transmission System Flows

Bulk transmission system flow characteristics are dominated by the coal based thermal generating plants available in southeast of the state. These plants at Anpara, Obra, Rihand and Singrauli generate about 6300 MW out of which 4500 to 5000 MW generation flows to the western regions after meeting Varanasi regional demand. This power transfer level continues through Sultanpur-Allahabad, Lucknow-Kanpur, Moradabad-Agra interfaces since the available generation in each of the regions almost matches with its respective demand. In the east, power from the aforementioned plants flows towards north to supply Varanasi, Azamgarh and Gorakhpur load centres. A small amount of power is imported from Bihar through a connection at 132 kV level. Power supply to Uttarakhand in the North West is normally less than 500 MW due to the availability of hydroelectric generation in the state. In the west, more than 3000 MW power flows to Delhi and Rajasthan through  $\pm$  500 kV HVDC bi-pole link and 400



kV transmission network across the state. The existing bulk transmission system capacity with the current level of power transfer requirements is well equipped to handle the flow of energy.



### 3 True up Petition for FY 2012-13

#### 3.1 True-up Summary for FY 2012-13

The audited accounts for FY 2012-13 along with supplementary audit report of the Accountant General of Uttar Pradesh are enclosed herewith and marked as 'Annexure-2'. The Petitioner seeks true-up of expenses for the year 2012-13 as per the audited accounts as applicable for various heads of expenditure.

The following table summarises the truing up computations for FY 2012-13 for approval by the Hon'ble Commission. The Petitioner also provides the details of truing up in the subsequent paragraphs:

**Table 3-1: True Up Summary for FY 2012-13**

(All figures in Rs Crore)

Particulars	FY 2012-13		
	Tariff Order	Actual as per audited accounts	True-up Petition
Employee cost	433.44	344.96	377.61
A&G expenses	21.23	16.03	21.72
R&M expenses	104.18	143.14	127.92
Interest on Loan Capital	334.07	683.63	658.06
Interest on Working Capital	32.63	-	40.64
Finance Charges	-	2.97	2.97
Depreciation	390.66	374.94	360.67
<b>Gross Expenditure</b>	<b>1,316.21</b>	<b>1,565.67</b>	<b>1,589.61</b>
<i>Less: Employee cost capitalized</i>	94.05	75.12	75.12
<i>Less: A&amp;G Capitalisation</i>	4.03	9.58	9.58
<i>Less: Interest Capitalisation</i>	-	261.90	261.90
<b>Net Expenditure</b>	<b>1,218.13</b>	<b>1,219.07</b>	<b>1,243.01</b>
<i>Provision for Bad &amp; Doubtful debts</i>		-	
Prior Period Items, Debits, write-offs & other Expenses		81.35	81.35
<b>Net Expenditure with provisions</b>	<b>1,218.13</b>	<b>1,300.42</b>	<b>1,324.36</b>
Add: Return on Equity	55.78		61.98
Less: Non Tariff Income	32.53	20.74	20.74
<b>Annual Revenue Requirement (ARR)</b>	<b>1,241.38</b>	<b>1,279.68</b>	<b>1,365.59</b>

The Petitioner requests the Hon'ble Commission to allow truing up for FY 2012-13 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.

#### 3.2 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. 344.96 crore as against Rs. 433.44 crore approved by the Hon'ble Commission in the Tariff Order for FY 2012-13. The employee expenses capitalised as per audited accounts are to the tune of Rs. 75.12 crore as against Rs. 94.05 crore approved in the Tariff Order. Thus, the net employee expenses as per audited accounts are Rs. 269.84 crore as against Rs. 339.39 crore approved in the Tariff Order.

Further, the Petitioner submits that the actual gross A&G expenses were Rs. 16.03 crore as against Rs. 21.23 crore approved by the Hon'ble Commission in the Tariff Order for FY 2012-13. The A&G expenses capitalised as per audited accounts are to the tune of Rs. 9.58 crore against Rs. 4.03 crore approved in the Tariff Order. Thus, the net A&G expenses as per audited accounts are Rs. 6.46 crore as against Rs. 17.20 crore approved in the Tariff Order.

The actual repair and maintenance expenses for FY 2012-13 were Rs. 143.14 crore as against Rs. 104.18 crore approved by the Commission in the Tariff Order. The Petitioner has inherited aged and complex network which requires higher O&M cost. Also, it is imperative to mention that the O&M expense norms are based on historical amounts incurred towards O&M and not with respect to the size of the transmission network being handled i.e., length of transmission lines, number of bays, etc. and recent additions thereof.

The Petitioner has been able to control the employee expenses and administrative and general expenses within the limit prescribed in the Tariff Order. Regulation 4.2.1 of the Transmission Tariff Regulations issued by the Commission stipulates:

*"1. 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. O & M expenses so calculated for the base year shall then be escalated on the basis of prevailing rates of inflation for the year as notified by the Central Government and shall be considered as a 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."*

The Hon'ble Commission has trued up the O&M expenses for FY 2011-12 in accordance with the Transmission Tariff Regulations vide its Order dated 1<sup>st</sup> October, 2014.

The allowable normative O&M expenses for FY 2012-13 have been claimed by escalating the component wise O&M expenses for FY 2011-12 by using the escalation index of 8.69 % (Computation provided in Table 4-1).

Further, in addition to the O&M cost based on inflationary indices based on escalation, the Transmission Tariff Regulations provide for incremental O&M expenses on addition to assets during the year. Regulation 4.2.3 of the Transmission Tariff Regulations issued by the Commission stipulates:

*"3. Incremental O&M expenses for the ensuing financial year shall be 2.5% of capital addition during the current year. O&M charges for the ensuing financial year shall be sum of incremental O&M expenses so worked out and O&M charges of current year escalated on the basis of predetermined indices as indicated in regulation 4.2.1 above."*



In accordance with the Transmission Tariff Regulations, the Petitioner has claimed the incremental O&M expenses for FY 2012-13 as shown in the Table given below:

**Table 3-2: Operation & Maintenance Expenses FY 2012-13**

(All figures in Rs Crore)

Particulars	Derivation	2012-13
Net Additions to GFA during preceding year	A	672.24
Preceding year O&M charge	B	84.62
<b>Incremental O&amp;M expenses @ 2.5% on Net Additions to GFA</b>	<b>C = 2.50% of A</b>	<b>16.81</b>
Inflation Index	D	8.69%
<b>Preceding year O&amp;M charge so escalated</b>	<b>E = B (1+D)</b>	<b>91.97</b>
<b>O&amp;M Expenses</b>	<b>F = C + E</b>	<b>108.77</b>
a) Employee costs		73.60
b) R&M expenses		31.31
c) A&G expenses		3.86

The same are allocated across the individual elements of the O&M expenses on the basis of the contribution of each element in the gross O&M expenses as approved in the subsequent paragraphs.

The capitalisation towards employee costs and A&G costs have been claimed in the true up petition at the same levels as actuals.

The summary of the O&M expenses approved in the Tariff Order for FY 2012-13 vis-a-vis the actual expenses as per audited accounts and those claimed in the True up are shown in the table below:

**Table 3-3: Operation & Maintenance Expenses FY 2012-13**

(All figures in Rs Crore)

Particulars	Tariff Order	Actuals as per audited accounts	True-up Petition
Employee Expenses	433.44	344.96	377.62
Repair & Maintenance Expenses	21.23	16.03	21.72
Administrative and General Expenses	104.18	143.14	127.92
<b>Gross Operation and Maintenance Expenses</b>	<b>558.85</b>	<b>504.13</b>	<b>527.26</b>
Less: Capitalisation			
Employee Cost Capitalized	94.05	75.12	75.12
A&G Expenses Capitalized	4.03	9.58	9.58
<b>Total Capitalization</b>	<b>98.08</b>	<b>84.70</b>	<b>84.70</b>
<b>Net Operation and Maintenance Expenses</b>	<b>460.76</b>	<b>419.43</b>	<b>442.56</b>

Thus, the normative allowable O&M expenses are to the tune of Rs. 442.56 crore as against actual expenses of Rs. 419.43 crore. However, the Petitioner humbly submits that the normative O&M expenses are allowed to it in terms of the extant Tariff Regulations.



### 3.3 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 the FY 2007-08 true up order dated 21<sup>st</sup> May, 2013 and subsequently in the orders dated 31<sup>st</sup> May, 2013 and 1<sup>st</sup> October, 2014 wherein it had approved the true ups for FY 2008-09 to 2011-12 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 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 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 2012-13 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 2011-12. The details are provided in the table below:

**Table 3-4: Capital Investments in FY 2012-13**

(All figures in Rs Crore)

Particulars	Derivation	2012-13
Opening WIP as on 1st April	A	4040.33
Investments	B	1463.21
Employee Expenses Capitalisation	C	75.12
A&G Expenses Capitalisation	D	9.58
Interest Capitalisation on Interest on long term loans	E	261.90
<b>Total Investments</b>	<b>F= A+B+C+D+E</b>	<b>5850.14</b>
Transferred to GFA (Total Capitalisation)	G	557.56
<b>Closing WIP</b>	<b>H= F-G</b>	<b>5292.58</b>

The table below summarises the amounts received towards consumer contributions, capital grants and subsidies in FY 2012-13:

**Table 3-5: Consumer Contributions, Capital Grants and Subsidies in FY 2012-13**

(All figures in Rs Crore)

Particulars	2012-13
Opening Balance of Consumer Contributions, Grants and Subsidies towards Cost of Capital Assets	338.85
Additions during the year	30.54
Less: Amortisation	16.44
<b>Closing Balance</b>	<b>352.95</b>



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

**Table 3-6: Financing of the Capital Investments in FY 2012-13**

(All figures in Rs Crore)

Particulars	Derivation	2012-13
Investment	A	1463.21
Less:		
Consumer Contribution	B	30.54
Investment funded by debt and equity	C=A-B	1432.67
Debt Funded	70%	1002.87
Equity Funded	30%	429.80

Thus, from the above tables it is seen, that the Petitioner has made an investment of Rs. 1,463.21 crore in FY 2012-13. The consumer contributions, capital subsidies and grants received during the corresponding period is Rs. 30.54 crore. Thus, balance Rs. 1,432.67 crore have been funded through debt and equity. Considering a debt equity ratio of 70:30, Rs. 1,002.87 crore or 70% of the capital investment is envisaged to be funded through debt and balance 30% equivalent to Rs. 429.80 crore through equity. Allowable depreciation for the year has been considered as normative loan repayment.

The actual weighted average rate of 12.59% (being the weighted average rate of interest on long term loan portfolio as per audited accounts) has been considered for computing the eligible interest expenses. The interest capitalisation has been considered at the same rate as per the Audited Accounts. The opening balance of long term loan has been considered from the loan balance approved by the Hon'ble Commission in its order dated 1<sup>st</sup> October, 2014 while undertaking the truing up for FY 2011-12.

Considering the above, the gross interest on long term loan is Rs. 658.06 crore. The interest capitalisation has been considered at the same rate as per audited accounts. The computations for interest on long term loan are depicted below:

**Table 3-7: Allowable Interest on Long Term Loan for FY 2012-13**

(All figures in Rs Crore)

Particulars	2012-13
Opening Loan	4,907.17
Loan Additions (70% of Investments)	1,002.87
Less: Repayments (Depreciation allowable for the year)	360.67
Closing Loan Balance	5,549.36
Weighted Average Rate of Interest	12.59%
<b>Interest on long term loan</b>	<b>658.06</b>
Interest Capitalisation Rate	39.80%
Less: Interest Capitalized	261.90
<b>Net Interest Charged</b>	<b>396.17</b>

### 3.4 Finance Charges

The Petitioner submits that it has incurred finance charges to the tune of Rs. 2.97 crore as per audited accounts towards expenditures like bank charges, finance charges, etc and the same may be allowed in the true up for FY 2012-13.

### 3.5 Interest on Working Capital

In the Tariff Order for FY 2012-13, the Hon'ble Commission had allowed Rs. 32.63 crore towards interest on working capital. The Transmission Tariff Regulations provide for the normative interest on working capital based on the methodology outlined in the Regulations. Accordingly, the Petitioner hereby claims Rs. 40.64 crore towards interest on working capital for FY 2012-13 as computed in the table below:

**Table 3-8: Allowable Interest on Working Capital for FY 2012-13**

(All figures in Rs Crore)

Particulars	Derivation	True up Petition
O&M Expenses		
Employee Expenses		302.50
R&M Expenses		127.92
A&G Expenses		12.14
<b>Total O&amp;M Expenses</b>	<b>A</b>	<b>442.56</b>
One Month's O&M Expenses	B = 1/12 of A	36.88
Book Value of Stores	C	727.82
One twelfth of the sum of book value of the material in stores	D = 1/12 of C	60.65
Receivable equivalent to 60 days average billing of consumers	E	227.60
<b>Total Working Capital Requirement</b>	<b>F = B + D + E</b>	<b>325.13</b>
Interest rate	G	12.50%
<b>Interest on working capital</b>	<b>H = F x G</b>	<b>40.64</b>

The Rate of Interest on Working Capital has been considered at 12.50% being the rate approved in the Tariff Order for even year.

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 UPPTCL for FY 2012-13:

**Table 3-9: Allowable Interest and Finance Charges for FY 2012-13**

(All figures in Rs Crore)

Particulars	Tariff Order	Actual as per audited accounts	True-up Petition
<b>A: Interest on Long Term Loans</b>			
Gross Interest on Long Term Loan	334.07	683.63	658.06
Less: Interest Capitalisation	-	261.90	261.90



Particulars	Tariff Order	Actual as per audited accounts	True-up Petition
<b>Net Interest on Long Term Loans</b>	<b>334.07</b>	<b>421.73</b>	<b>396.16</b>
<b>B: Finance and Other Charges</b>			
Guarantee Charges	-	2.92	2.92
Bank Charges		0.04	0.04
Discount to Consumer			
<b>Total Finance Charges</b>	<b>-</b>	<b>2.97</b>	<b>2.97</b>
<b>C: Interest on Working Capital</b>	<b>32.63</b>	<b>-</b>	<b>40.64</b>
<b>Total (A+B+C)</b>	<b>366.70</b>	<b>424.70</b>	<b>439.77</b>

### 3.6 Depreciation

The actual depreciation expense charged in the audited accounts is Rs. 374.94 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 2012-13 and at the weighted average rate approved by the Commission in the Tariff Order for FY 2012-13 i.e., @ 4.50%. 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. 377.12 crore.

**Table 3-10: Gross Allowable Depreciation for FY 2012-13**

(All figures in Rs Crore)

Particulars	Opening GFA	Additions to GFA	Deductions to GFA	Closing GFA	Depreciation Rate considered	Allowable Gross Depreciation
Land & Land Rights						
i) Unclassified	31.65	0.12	0.00	31.77		
ii) Freehold Land	5.23	-5.18	0.00	0.05		
Buildings	278.23	25.41	0.03	303.62		
Other Civil Works	43.87	0.42	0.00	44.29		
Plants & Machinery	4402.81	387.24	96.77	4693.29		
Lines, Cable Network etc.	3345.76	146.50	1.61	3490.65		
Vehicles	3.55	0.00	0.05	3.49		
Furniture & Fixtures	1.44	0.11	0.00	1.55		
Office Equipments	2.59	1.32	0.00	3.91		
Jeep & Motor Car	0.00	0.00	0.00	0.00		



Particulars	Opening GFA	Additions to GFA	Deductions to GFA	Closing GFA	Depreciation Rate considered	Allowable Gross Depreciation
Intangible Assets	0.06	1.25	0.00	1.36		
Assets taken over from Licensees pending final Valuation	70.00	0.35	0.00	70.35		
<b>Total Depreciable Assets</b>	<b>8148.31</b>	<b>562.61</b>	<b>98.47</b>	<b>8612.52</b>	<b>4.50%</b>	<b>377.12</b>
<b>Total Non Depreciable Assets</b>	<b>36.88</b>	<b>-5.05</b>	<b>0.00</b>	<b>31.82</b>		
<b>GRAND TOTAL</b>	<b>8185.19</b>	<b>557.56</b>	<b>98.47</b>	<b>8644.34</b>		<b>377.12</b>

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. 16.44 crore has been reduced from the allowable depreciation for FY 2012-13.

Thus the net allowable depreciation for FY 2012-13 is Rs. 360.67 crore as depicted in the table below:

**Table 3-11: Net Allowable Depreciation for FY 2012-13**

(All figures in Rs Crore)

Particulars	Tariff Order	Actual as per audited accounts	True-up Petition
Gross Allowable Depreciation	390.66	391.38	377.12
Less: Equivalent amount of depreciation on assets acquired out of the Consumer Contribution and GoUP Subsidy	-	16.44	16.44
<b>Net Allowable Depreciation</b>	<b>390.66</b>	<b>374.95</b>	<b>360.67</b>

### 3.7 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 2012-13. 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 2012-13, there has been recognition of Rs. -78.33 crore of prior period incomes and prior period expenses of Rs 3.02 crore, thereby increasing the eligible true-up by Rs. 81.35 crore.



The following table provides the detailed break-up of the prior period items for FY 2012-13 as per audited accounts:

**Table 3-12: Prior Period Items for FY 2012-13**

(All Figures in Rs Crore)	
Particulars	UPPTCL
<b>Income</b>	
Interest income for prior periods	0.00
Other Excess Provision	0.004
Others Income	(78.33)
<b>Sub-Total A</b>	<b>(78.33)</b>
<b>Expenditure</b>	
Operating Expenses	0.35
Employee Cost	0.65
Depreciation	0.75
Interest and Finance Charges	0.92
A&G Expenses	0.34
<b>Sub-Total B</b>	<b>3.02</b>
<b>Net prior period (Credit)/Charges : B-A</b>	<b>81.35</b>

### 3.8 Return on Equity

Under the provisions of the Transmission Tariff Regulations, the Petitioner is allowed a return of @ 14% on equity base; for equity base calculation debt equity ratio shall be 70:30. Where equity involved is more than 30%, the amount of equity for the purpose of tariff shall be limited to 30%. Equity amounting to more than 30% shall be considered as loan. In case of actual equity employed being less than 30%, actual debt and equity shall be considered for determination of tariff.

In view of the huge gap in the recovery of cost of supply at the Discom level, the Petitioner was of the view that return on equity would only result in accumulation of receivables. As such, the Licensee has been claiming return on equity @ 2% since the financial years 2009-10 onwards. Return on equity has been computed on the normative equity portion (30%) on capitalized assets.

The Commission while truing up the return on equity has considered:

- Opening equity as on 1st April, 2007 based on the equity balance which devolved upon the licensee in the Transmission Transfer Scheme.
- Equity additions in FY 2007-08 to 2012-13 equivalent to normative 30% of the capitalized assets and as approved by the Hon'ble Commission in the respective true-up orders.
- A rate of 2% has been considered for computing return on eligible equity.

The allowable equity for FY 2012-13 has been computed to be Rs. 61.98 crore as provided in the table below:

**Table 3-13: Allowable Return on Equity for FY 2012-13**

(All Figures in Rs Crore)

Particulars	True up Petition
Equity Base at the beginning of the year	3015.34
Assets Capitalised	557.56
Addition to Equity Base (30% of assets capitalised)	167.27
Closing Equity Base	3182.60
Average Equity Base	3098.97
Rate of Return	2.00%
<b>Allowable Return on Equity</b>	<b>61.98</b>

### 3.9 Non Tariff Incomes

The Petitioner submits that against the projected non tariff incomes of Rs. 32.53 crore in the Tariff Order, the actual non tariff incomes have been Rs. 20.74 crore.

### 3.10 Revenue side Truing up

The Petitioner submits that the transmission charges recovered by it, in FY 2012-13, are to the tune of Rs. 1,285.82 crore as per audited accounts. Further, as part of separate function of SLDC, it is maintaining separate accounts for SLDC. It has recovered SLDC charges to the tune of Rs. 1.99 crore in FY 2012-13. The open access charges billed in FY 2012-13 are to the tune of Rs. 20.96 crore. Thus, the total revenue receipts of the Petitioner are to the tune of Rs. 1,308.78 crore.

### 3.11 Aggregate Revenue Requirement for FY 2012-13 after truing up

The Aggregate Revenue Requirement for FY 2012-13 after final truing up is summarised in the Table below:

**Table 3-14: ARR for FY 2012-13 after Final Truing Up**

(All figures in Rs Crore)

Particulars	Tariff Order	Actual as per audited accounts	True-up Petition
Employee cost	433.44	344.96	377.62
A&G expenses	21.23	16.03	21.72
R&M expenses	104.18	143.14	127.92
Interest on Loan Capital	334.07	683.63	658.06
Interest on Working Capital	32.63	-	40.64
Finance Charges	-	2.97	2.97
Depreciation	390.66	374.94	360.67



Particulars	Tariff Order	Actual as per audited accounts	True-up Petition
<b>Gross Expenditure</b>	<b>1,316.21</b>	<b>1,565.67</b>	<b>1,589.61</b>
<i>Less: Employee cost capitalized</i>	94.05	75.12	75.12
<i>Less: A&amp;G Capitalisation</i>	4.03	9.58	9.58
<i>Less: Interest Capitalisation</i>	-	261.90	261.90
<b>Net Expenditure</b>	<b>1,218.13</b>	<b>1,219.07</b>	<b>1,243.01</b>
<i>Provision for Bad &amp; Doubtful debts</i>	-	-	-
Prior Period Items, Debits, write-offs & other expenses	-	81.35	81.35
<b>Net Expenditure with provisions</b>	<b>1,218.13</b>	<b>1,300.42</b>	<b>1324.36</b>
Add: Return on Equity	55.78	-	61.98
Less: Non Tariff Income	32.53	20.74	20.74
<b>Annual Revenue Requirement (ARR)</b>	<b>1,241.38</b>	<b>1,279.68</b>	<b>1,365.59</b>
Revenue from Operations in 2012-13	-	1,308.78	1,308.78
<b>Balance ARR Recoverable (to be recovered along with the ARR of FY 2015-16)</b>	<b>-</b>	<b>(29.10)</b>	<b>56.82</b>

The trued transmission charges for FY 2012-13 are Rs. 1,365.59 as against Rs. 1,241.38 crore approved in the Tariff Order. After considering the transmission charges and associated revenue already recovered for FY 2012-13 amounting to Rs. 1,308.78 crore, the balance transmission charges recoverable consequent to true up are to the tune of Rs. 56.82 crore.

### 3.12 Relinquished Return Vs Disallowed Expenses

Under the extant Transmission Tariff Regulations, the Petitioner is eligible to claim a rate of return of 14% on the equity deployed in the transmission business.

The Hon'ble Commission is aware, that the Petitioner, in view of the huge gap in the recovery of cost of supply at the Discom level and to provide benefit to consumers through reduced tariff, had not claimed any return on equity for FY 2007-08 and 2008-09 and from FY 2009-10 onwards claimed a marginal return of 2% only.

The total amount of relinquished return on equity is to the tune of Rs. 1,587.92 crore over the years 2007-08 to 2011-12 as depicted in the table below:

**Table 3-15: Relinquished Return on Equity**

(All figures in Rs Crore)

Particulars	Derivation	2007-08	2008-09	2009-10	2010-11	2011-12
Equity at the beginning of the year	A	1,842.97	2,218.93	2,423.97	2,642.74	2,792.47

Particulars	Derivation	2007-08	2008-09	2009-10	2010-11	2011-12
Assets Capitalised	B	1,253.19	683.47	729.24	499.08	742.90
Addition to Equity	C = 30% of B	375.96	205.04	218.77	149.73	222.87
Closing Equity	D = A + C	2,218.93	2,423.97	2,642.74	2,792.47	3,015.34
Average Equity	E = Average of A & D	2,030.95	2,321.45	2,533.35	2,717.60	2,903.90
Rate of Return	F	0.00%	0.00%	2.00%	2.00%	2.00%
Return on Equity	G = E x F	-	-	50.67	54.35	58.08
Relinquished ROE %	H = 14% - F	14.00%	14.00%	12.00%	12.00%	12.00%
Relinquished ROE	Rs Crore	284.33	325.00	304.00	326.11	348.47
Total Relinquished ROE	Rs Crore	1,587.92				

In the past true up orders, the Hon'ble Commission has approved O&M expenses based on historical expenses and not in terms of the transmission network of the Petitioner which leads to incongruity as the historical costs have been lower due to multiple reasons such as under-staffing at transmission divisions and field units, working capital issues due to poor paying capacity of the distribution licensees, etc. Additionally, prior period expenses have been disallowed by the Hon'ble Commission in the true up orders. Thus, on one hand the Petitioner has relinquished the return on equity which it was eligible to claim in terms of the extant Regulations; on the other hand, the Hon'ble Commission has disallowed genuine expenses which the Petitioner has actually incurred and in some cases becomes part of the prior period expenses which the Hon'ble Commission has disallowed.

The Petitioner urges that the actual expenses incurred should be allowed to it, in final truing up and any potential disallowances i.e., actual expenses being higher than normative expenses, should be looked at from the point of view of the relinquished return on equity. It is humbly submitted that if the actual expenses incurred in any year are over and above the normative expenses, but are within the amount of return on equity sacrificed, then the same should be allowed to the Petitioner, as there is no additional burden on the consumers and the transmission company will not incur loss in its financial statements. Any under recovery / loss in the financial statements is viewed adversely by the lenders such as PFC and REC and affects the credit rating. The adverse credit rating increases the cost of debt of the Petitioner and consequently higher burden on the consumers. Therefore it is humbly prayed that the Commission may consider it logically beneficial for sustainable operations of the Petitioner with minimum profitability to protect its creditability in the market without imposing any undue burden on the consumers.

In fact, the benefits provided to consumers are much higher in terms of relinquished return on equity than in terms of the disallowed expenses. This is depicted in the table below:

**Table 3-16: Relinquished Return on Equity Vs Expenses Disallowed**

(All figures in Rs Crore)

Particulars	2007-08	2008-09	2009-10	2010-11	2011-12
Disallowed O&M Expenses	51.32	83.02	29.61	44.87	15.38
Disallowed Prior Period Expenses	6.86	15.71	-13.52	-33.80	33.83
<b>A) Total Disallowances</b>	<b>58.18</b>	<b>98.72</b>	<b>16.09</b>	<b>11.06</b>	<b>49.21</b>

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Particulars	2007-08	2008-09	2009-10	2010-11	2011-12
B) Relinquished Return on Equity	284.33	325.00	304.00	326.11	348.47
Difference (B-A)	226.15	226.28	287.91	315.05	299.26

From the above table, it can be seen that the disallowances are only a fraction of the return on equity relinquished by the Petitioner. The total disallowances over the period FY 2007-08 to 2011-12 is to the tune of Rs. 233.26 crore as against the relinquished return on equity of Rs. 1,587.92 crore over the even period.

It is humbly requested that the Hon'ble Commission may allow actual expenses in final truing up, in case they are over and above normative expenses, if such difference is within the amount of return on equity relinquished by the Petitioner. Thus, the Petitioner humbly requests the Hon'ble Commission to allow Rs. 233.26 crore towards the variation in approved expenses and normative expenses for the period FY 2007-08 to 2011-12.

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

## 4 Annual Revenue Requirement for FY 2015-16

### 4.1 Components of the Annual Revenue Requirement

The Transmission Tariff Regulations prescribe that annual expenditure of a transmission licensee comprises of the following components:

- Operation & Maintenance expenses comprising of:
  - Employee Expenses
  - Repair and Maintenance Expenses
  - Administrative & General Expenses
- Depreciation
- Interest & Financing Costs
  - Interest on Long Term Loans
  - Finance Charges
  - Interest on Working Capital
- Return on Equity
- Taxes on Income
- Contribution to Contingency Reserve
- Other expense

The Petitioner in the current petition is filing the ARR for FY 2015-16 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 beneficiaries. In FY 2012-13 and 2013-14, the Petitioner has endeavored to limit most of the expenses within the budget approved by Hon'ble Commission in the respective Tariff Orders with some exceptions which were totally beyond the control of the Petitioner.

In the ensuing year FY 2015-16, the Petitioner has taken up the challenge of controlling most of the operating expenses within the current year level with moderate hike only to offset the impact of inflation. The Petitioner is making concerted efforts to improve the quality of supply. The Petitioner has made plan for capital investment matching with the system requirement. In spite of the Petitioner's effort to control expenses the total Revenue Requirement has risen mainly due to increased capex which is needed due to system requirements and evacuation facilities that need to be created for seamless evacuation of power from upcoming generating stations.

The detailed analysis & estimate of all the elements of ARR for FY 2014-15 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 2013-14 and revised estimates for FY 2014-15. The provisional accounts for FY 2013-14 are enclosed herewith and marked as 'Annexure-3'.



The Transmission 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 Transmission 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 Transmission Tariff Regulations.

#### 4.2 Escalation Index/Inflation Rate

The Transmission 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 7.69% in FY 2014-15 and 4.10% in FY 2015-16. Similarly, for truing up estimates for FY 2012-13, the Petitioner has computed the Escalation Index to be 8.69% as provided in the table below. 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

Table 4-1: Escalation Index for FY 2012-13

Month	Wholesale Price Index		Consumer Price Index		Consolidated Index	
	FY 11	FY 12	FY 11	FY 12	FY 11	FY 12
April	139	152	170	186	151	166
May	139	152	172	187	152	166
June	140	153	174	189	153	167
July	141	154	178	193	156	170
August	141	155	178	194	156	171
September	142	156	179	197	157	173
October	143	157	181	198	158	173
November	144	157	182	199	159	174
December	146	157	185	197	162	173
January	148	159	188	198	164	174
February	148	159	185	199	163	175
March	150	161	185	201	164	177
<b>Average</b>	<b>143</b>	<b>156</b>	<b>180</b>	<b>195</b>	<b>157.90</b>	<b>171.61</b>



Month	Wholesale Price Index		Consumer Price Index		Consolidated Index	
	FY 11	FY 12	FY 11	FY 12	FY 11	FY 12
<b>Weighted Average of Inflation (60% *WPI+40%*CPI)</b>					<b>9.96%</b>	<b>8.69%</b>

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

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

**Table 4-2: Escalation Index for FY 2014-15**

Month	Wholesale Price Index		Consumer Price Index		Consolidated Index	
	FY 13	FY 14	FY 13	FY 14	FY 13	FY 14
April	164	171	205	226	180	193
May	164	171	206	228	181	194
June	165	173	208	231	182	196
July	166	176	212	235	184	199
August	167	179	214	237	186	202
September	169	181	215	238	187	204
October	169	181	217	241	188	205
November	169	182	218	243	188	206
December	169	180	219	239	189	203
January	170	179	221	237	191	202
February	170	180	223	238	191	203
March	171	180	224	239	192	204
<b>Average</b>	<b>168</b>	<b>178</b>	<b>215</b>	<b>236</b>	<b>186.63</b>	<b>200.99</b>
<b>Weighted Average of Inflation (60% *WPI+40%*CPI)</b>					<b>8.75%</b>	<b>7.69%</b>

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

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

**Table 4-3: Escalation Index for FY 2015-16**

Month	Wholesale Price Index			Consumer Price Index		
	FY 13	FY 14	FY 15	FY 13	FY 14	FY 15
April	164	171	181	205	226	242
May	164	171	182	206	228	244
June	165	173	183	208	231	246
July	166	176	185	212	235	252
August	167	179	186	214	237	253
September	169	181	<b>185</b>	215	238	<b>253</b>
October	169	181		217	241	
November	169	182		218	243	
December	169	180		219	239	
January	170	179		221	237	



Month	Wholesale Price Index			Consumer Price Index		
	FY 13	FY 14	FY 15	FY 13	FY 14	FY 15
February	170	180		223	238	
March	171	180		224	239	
Average	168	178	184	215	236	248
Inflation of September 2014 over September 2013			3.34%			5.23%
Weighted Average of Inflation (60% *WPI+40%*CPI)						4.10%

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

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

### 4.3 Operation & Maintenance Expenses

Operation & Maintenance expenses comprise of Employee Costs, Administrative & General Expenses, and Repair & Maintenance expenses. The regulation 4.2 of the Transmission Tariff Regulations issued by the Hon'ble Commission stipulates:

1. 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. O&M expenses so calculated for the base year shall then be escalated on the basis of prevailing rates of inflation for the year as notified by the Central Government and shall be considered as a 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 i.e., FY 2007-08.
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 2.50% of capital addition during the current year. O&M charges for the ensuing financial year shall be sum of incremental O&M expenses so worked out and O&M charges of current year escalated on the basis of predetermined indices as indicated in regulation 4.2.1 above.

The Hon'ble Commission in the FY 2007-08 true up order dated 21<sup>st</sup> May, 2013 had determined the O&M expenses for the base year and subsequently had true up the O&M expenses for the years FY 2008-09, 2009-10 and 2010-11 in its order dated 31<sup>st</sup> May, 2013 and for FY 2011-12 in its order dated 1<sup>st</sup> October, 2014 strictly in line with the Transmission 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.

### 4.4 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 Transmission Tariff Regulations provide for incremental O&M expenses on addition to Gross Fixed Assets (GFA) during the year. The Transmission 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 4.2.1."

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 4-4: Allocation of incremental O&M expenses**

All Figures in Rs Crore)

Particulars	Derivation	FY 2013-14 (Revised Estimates)	FY 2014-15 (Revised Estimates)	FY 2015-16 (ARR Petition)
Net Additions to GFA during preceding year	A	459.09	1168.38	1993.67
Preceding year O&M charge	B	108.77	129.77	168.96
Incremental O&M expenses @ 2.5% on Net Additions to GFA	C = 2.50% of A	11.48	29.21	49.84
Inflation Index	D	8.75%	7.69%	4.10%
Preceding year O&M charge so escalated	E = B (1+D)	118.29	139.75	175.88
O&M Expenses	F = C + E	129.77	168.96	225.72
a) Employee costs		87.32	113.73	151.81
b) R&M expenses		37.76	49.15	65.83
c) A&G expenses		4.68	6.07	8.07

#### 4.5 Operation and Maintenance Expenses for FY 2015-16

The Petitioner has computed the allowable O&M expenses up to FY 2012-13 in the preceding section. The allowable O&M expenses for FY 2015-16 have been claimed by escalating the component wise O&M expenses for FY 2012-13 by using the yearly inflation indices depicted in Table 4-2 and 4-3 and at the rate of 4.10% for FY 2015-16.

Thus, the allowable O&M expenses for FY 2015-16 are depicted in the table below:

**Table 4-5: Allowable O&M Expenses for FY 2015-16**

(All Figures in Rs Crore)

Particulars	FY 2013-14 (Revised Estimates)	FY 2014-15 (Revised Estimates)	FY 2015-16 (ARR Petition)
<b>Employee Expenses</b>			
Gross Employee Costs and Provisions	330.62	356.06	370.65
Incremental Employee Expenses @ 2.5% of GFA additions of preceding year	87.32	113.73	151.81
<b>Gross Employee Expenses</b>	<b>417.94</b>	<b>469.78</b>	<b>522.46</b>



Particulars	FY 2013-14 (Revised Estimates)	FY 2014-15 (Revised Estimates)	FY 2015-16 (ARR Petition)
Employee expenses capitalized	78.58	93.44	103.2
<b>Net Employee Expenses</b>	<b>339.36</b>	<b>376.34</b>	<b>418.54</b>
<b>A&amp;G Expenses</b>			
Gross A&G Expenses	19.42	20.92	21.78
Incremental Employee Expenses @ 2.5% of GFA additions of preceding year	4.68	6.07	8.07
<b>Gross A&amp;G Expenses</b>	<b>24.10</b>	<b>26.99</b>	<b>29.85</b>
A&G expenses capitalized	7.62	7.18	7.93
<b>Net A&amp;G Expenses</b>	<b>16.49</b>	<b>19.82</b>	<b>21.91</b>
<b>R&amp;M Expenses</b>			
Repair & Maintenance Expenditure	105.06	113.14	117.78
Incremental Employee Expenses @ 2.5% of GFA additions of preceding year	37.76	49.15	65.83
<b>Gross Repair &amp; Maintenance Expenses</b>	<b>142.82</b>	<b>162.32</b>	<b>183.61</b>
<b>Total O&amp;M Expenses Allowable as per Regulations</b>	<b>498.67</b>	<b>558.48</b>	<b>624.06</b>

The Petitioner submits that increase in dearness pay may be higher than the escalation index determined as per the Transmission 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.

#### 4.6 Gross Fixed Assets Balances and Capital Formation

The assumptions used for projecting gross fixed asset (GFA) and capital work in progress (CWIP) are as follows:

- The capital investment for FY 2014-15 has been estimated at Rs. 1,900 crore out of which works through deposit works have been envisaged at Rs. 100 crore.
- The Petitioner envisages a capital investment of Rs. 4,800 crore in FY 2015-16 out of which works through deposit works have been envisaged at Rs. 100 crore. The increase in the capital investments for FY 2015-16 is primarily attributable to the transmission infrastructure creation for evacuation of power from Lalitpur Power Generation Company Ltd's 3x660 MW coal based thermal power plant near Lalitpur.
- 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 procedure prescribed by the Transmission Tariff Regulations towards claiming the capital investment plan has been strictly complied in the current Petition. The details of the capital investment schemes for FY 2014-15 and 2015-16 are enclosed herewith and marked as 'Annexure-4'. The physical and financial progress of the ongoing and new capex schemes has also been provided.
- 25% the opening CWIP and 25% of investment made during the year, expenses capitalised & interest capitalised (25% of total investment) has been assumed to be capitalised during the years 2014-15 and 2015-16 respectively.
- 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 2013-14, 2014-15 and 2015-16 are presented below:

**Table 4-6: Capitalisation & WIP of Investment during FY 2014-15 & FY 2015-16**

(All figures in Rs Crore)

Particulars	Derivation	2013-14 Revised Estimates	2014-15 Revised Estimates	2015-16 ARR Petition
Opening WIP as on 1st April	A	5292.58	5619.92	5981.02
Investments	B	1185.48	1900.00	4800.00
Employee Expenses Capitalisation	C	78.58	93.44	103.92
A&G Expenses Capitalisation	D	7.62	7.18	7.93
Interest Capitalisation on Interest on long term loans	E	325.35	354.16	449.26
<b>Total Investments</b>	<b>F= A+B+C+D+E</b>	<b>6889.60</b>	<b>7974.70</b>	<b>11342.14</b>
Transferred to GFA (Total Capitalisation)	G	1269.68	1993.67	2835.53
<b>Closing WIP</b>	<b>H= F-G</b>	<b>5619.92</b>	<b>5981.02</b>	<b>8506.60</b>

**Notes:** (1) Capitalized expenses are from Emp. cost & A&G cost Tables

(2) Transfer from WIP to GFA=25% of beginning WIP+25% of total investment, capitalized Interest, Capitalized employee cost, capitalized A&G expenses.

**Table 4-7: Gross Fixed Assets for FY2014-15 & FY2015-16**

(All figures in Rs Crore)

Particulars	Derivation	FY 2013-14 Revised Estimates	FY 2014-15 Revised Estimates	FY 2015-16 ARR
Opening GFA	A	8644.34	9812.72	11806.40
Additional to GFA during the year	B	1168.38*	1993.67	2835.53
<b>Closing GFA</b>	<b>C=A+B</b>	<b>9812.72</b>	<b>11806.40</b>	<b>14641.93</b>

\* Net of deletions of Rs. 101.30 crore



#### 4.7 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 2013-14. Further, the consumer contributions, capital subsidies and grants for FY 2014-15 and 2015-16 have been considered to be in the same ratio to the total investments, as received by it in FY 2013-14.

The table below summarises the amounts considered towards consumer contributions, capital grants and subsidies from FY 2013-14 to 2015-16:

**Table 4-8: Consumer Contribution, Capital Grants & Subsidies considered up to 2015-16**  
(All figures in Rs Crore)

Particulars	2013-14	2014-15	2015-16
Opening Balance of Consumer Contributions, Grants and Subsidies towards Cost of Capital Assets	352.95	427.59	506.65
Additions during the year	91.92	100.00	100.00
Less: Amortisation	17.28	20.94	24.81
<b>Closing Balance</b>	<b>427.59</b>	<b>506.65</b>	<b>581.84</b>

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

**Table 4-9: Financing of the Capital Investment up to FY 2015-16**  
(All figures in Rs Crore)

Particulars	Derivation	2013-14	2014-15	2015-16
Investment	A	1185.48	1900.00	4800.00
Less:				
Consumer Contribution	B	91.92	100.00	100.00
Investment funded by debt and equity	C=A-B	1093.56	1800.00	4700.00
Debt Funded	70%	765.49	1260.00	3290.00
Equity Funded	30%	328.07	540.00	1410.00

Thus, the Petitioner submits that out of the capital investment of Rs. 4,800 crore in FY 2015-16, the capital investment through deposit works would be to the tune of Rs. 100 crore. Balance Rs. 4,700 crore has been considered to be funded through debt and equity. Considering a debt equity ratio of 70:30, Rs. 3,290 crore or 70% of the capital investment is proposed to be funded through debt and balance 30% equivalent to Rs. 1,410 crore through equity.

#### 4.8 Depreciation Expense

For the purpose of computing the allowable depreciation, the Petitioner has considered the normative gross fixed asset base, elaborated in the true up section above and have subsequently added the yearly capitalizations for FY 2013-14, 2014-15 and 2015-16 considered in Section 4.4 above.

The Transmission Tariff Regulations provide that the depreciation shall be calculated on straight line method at the rates specified by the Central Electricity Regulatory Commission in its Tariff Regulations. Considering this, the Petitioner has considered a depreciation rate of 5.28% which is the rate provided by the CERC (Terms and Conditions of Tariff) Regulations, 2014.

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 to be Rs. 695.94 crore in FY 2015-16 as depicted in the table below:

**Table 4-10: Gross Allowable Depreciation for FY 2015-16**

(All figures in Rs Crore)

Particulars	Derivation	FY 2013-14 Revised Estimates	FY 2014-15 Revised Estimates	FY 2015-16 ARR
Depreciation Rate	A	5.28%	5.28%	5.28%
Opening GFA	B	8644.34	9812.72	11806.40
Additional to GFA during the year	C	1168.38	1993.67	2835.53
Depreciation on Opening GFA + Additions during the year	$D=(A*B)+(C*A/2)$	485.57	568.87	695.94

The Petitioner has projected the depreciation on assets created out of consumer contributions, capital grants and subsidies for FY 2014-15 and 2015-16 in the same ratio as per provisional accounts of FY 2013-14. The Petitioner has reduced the equivalent depreciation amounting to Rs. 20.94 crore and Rs. 24.81 crore in FY 2014-15 and 2015-16 respectively in respect of depreciation on assets created out of consumer contributions, capital grants and subsidies.

Thus, the allowable depreciation for FY 2015-16 has been depicted in the table below:

**Table 4-11: Net Allowable Depreciation for FY 2015-16**

(All figures in Rs Crore)

Particulars	FY 2013-14	FY 2014-15	FY 2015-16
<b>Gross Allowable Depreciation</b>	485.57	568.87	695.94
Less: Equivalent amount of depreciation on assets acquired out of the Consumer Contribution and GoUP Subsidy	17.28	20.94	24.81
<b>Net Allowable Depreciation</b>	<b>468.29</b>	<b>547.93</b>	<b>671.13</b>



#### 4.9 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 2014-15 and 2015-16, as it seems to be fair and equitable. The interest capitalisation has been considered at a rate of 45.17% which is the actual rate of interest capitalization as per the provisional accounts of FY 2013-14.

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

**Table 4-12: Allowable Interest on Long Term Loans for FY 2015-16**

(All figures in Rs Crore)

Particulars	2013-14	2014-15	2015-16
Opening Loan	5549.36	5846.56	6558.63
Loan Additions (70% of Investments)	765.49	1260.00	3290.00
Less: Repayments (Depreciation allowable for the year)	468.29	547.93	671.13
Closing Loan Balance	5846.56	6558.63	9177.49
Weighted Average Rate of Interest	12.64%	12.64%	12.64%
<b>Interest on long term loan</b>	<b>720.35</b>	<b>784.15</b>	<b>994.70</b>
Interest Capitalisation Rate	45.17%	45.17%	45.17%
Less: Interest Capitalized	325.35	354.16	449.26
<b>Net Interest Charged</b>	<b>395.00</b>	<b>429.99</b>	<b>545.44</b>

#### 4.10 Finance Charges

The Petitioner has projected finance charges towards expenses such as guarantee fees and bank charges to the tune of Rs. 3.10 crore and Rs. 3.22 crore in FY 2014-15 and 2015-16 respectively. The same have been computed by extrapolating the actual guarantee fees and bank charges incurred in FY 2013-14 as per provisional accounts by using the Inflation Index.

#### 4.11 Interest on Working Capital

The Transmission Tariff Regulations provides for normative interest on working Capital based on the methodology outlined in the Regulations. The interest on working capital has been computed based on the methodology specified in the Regulations as provided below:

- 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 Transmission Tariff Regulations, the interest on the working capital requirement would be the Bank rate as specified by the Reserve Bank of India as on 1<sup>st</sup> 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 Transmission Tariff Regulations.

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

**Table 4-13: Interest on Working Capital**

(All figures in Rs Crore)

Particulars	FY 2013-14	FY 2014-15	FY 2015-16
	Revised Estimated	Revised Estimates	ARR Petition
One Month of O&M Expenses	41.56	46.54	52.01
Book Value of Stores	732.44	316.67	800.00
One twelfth of the sum of book value of the material in stores	61.04	26.39	66.67
Receivable equivalent to 60 days average billing of consumers	247.47	272.60	327.68
<b>Total Working Capital Requirement</b>	<b>350.06</b>	<b>345.53</b>	<b>446.35</b>
Interest rate	12.50%	12.50%	12.50%
<b>Interest on working capital</b>	<b>43.76</b>	<b>43.19</b>	<b>55.79</b>

#### 4.12 Other Income

Other Income includes only non-tariff income, which comprises interest on loans and advances to employees, income from fixed rate investment deposits and interest on loans and advances to Licensees. It is estimated that other income will increase by inflation index for FY 2014-15 & FY 2015-16 from the levels as per unaudited accounts of FY 2013-14. Thus, the Petitioner projects its non tariff incomes to be Rs. 24.31 crore and Rs. 25.31 crore in FY 2014-15 and 2015-16 respectively

#### 4.13 Reasonable Return/ Return on Equity

Under provisions of the Transmission Tariff Regulations, the Petitioner is eligible to a return of @ 14% on equity base; for equity base calculation debt equity ratio shall be 70:30. Where equity involved is



more than 30%, the amount of equity for the purpose of tariff shall be limited to 30%. Equity amounting to more than 30% shall be considered as loan. In case of actual equity employed being less than 30%, actual debt and equity shall be considered for determination of tariff. In this Petition, the return on equity has been computed as per methodology adopted by Hon'ble Commission in the previous Tariff Orders.

In view of the huge gap in the recovery of cost of supply at the DisComs' level, Petitioner is of the view that return on equity would only result in increase in arrears and accumulation of receivables. As such, the Petitioner has been claiming the return on equity @ 2% since the financial year 2009-10 onwards. Return on equity has been computed on the normative equity portion (30%) of capitalised assets.

The Petitioner has computed the eligible return on equity by considering the opening level of equity for FY 2013-14 based on the closing regulatory equity provided in the section dealing with the true up for FY 2012-13. Subsequently, it has considered the yearly normative equity based on the capital additions for FY 2013-14, 2014-15 and 2015-16 depicted in aforementioned sections.

Thus, the claimed return on equity for FY 2015-16 has been computed to be Rs. 91.26 crore as depicted in the table below:

**Table 4-14: Allowable Return on Equity for FY 2015-16**

(All figures in Rs Crore)

Particulars	Derivation	2013-14	2014-15	2015-16
Equity at the beginning of the year	A	3,182.60	3,563.51	4,161.61
Assets Capitalised	B	1,269.68	1,993.67	2,835.53
Addition to Equity	C = 30% of B	380.90	598.10	850.66
Closing Equity	D = A + C	3,563.51	4,161.61	5,012.27
Average Equity	E = Average of A & D	3,373.06	3,862.56	4,586.94
Rate of Return	F	2.00%	2.00%	2.00%
Return on Equity	G = E x F	67.46	77.25	91.74
Sacrificed ROE	H = 14% - F	12.00%	12.00%	12.00%
Sacrificed ROE	Rs Crore	404.77	463.51	550.43

It is humbly stated that the relinquished return on equity is to the tune of Rs. 550.43 crore. Considering this, it is humbly stated that the Hon'ble Commission may allow variation in actual expenses in final truing up order, in case they are over and above normative expenses, if such difference is within the amount of return on equity relinquished by the Petitioner.

#### 4.14 Service tax

Para 4.9 of Transmission Regulations provide-

*"Any cess or duty or royalty or tax imposed by the State Government shall be allowed as pass through to be recovered from the distribution licensees / long term open access consumers in proportion of their allotted capacity or quantity of energy delivered, as the case may be."*

Service tax liability is imposed on the service provider which would be UPPTCL in this case. Service tax would be chargeable on actual energy wheeled during a financial year and at the rates as notified & amended by the Govt from time to time. The Petitioner seeks allowance of such statutory liability on the service provider UPPTCL as pass through in tariff.

Also such liability may be imposed on UPPTCL retrospectively like it was done in the case of PGCIL. In such an event the Petitioner would approach the Commission for allowance of such liability in its ARR accordingly.



#### 4.15 Summary of Annual Revenue Requirement for FY 2015-16

The ARR for FY 2015-16 is summarized in the table below:

**Table 4-15: Annual Revenue Requirement for FY 2015-16**

(All figures in Rs Crore)

Particulars	FY 2013-14	FY 2014-15	FY 2015-16
	Revised Estimates	Revised Estimates	ARR Projections
Employee cost	417.94	469.78	522.46
A&G expenses	24.10	26.99	29.85
R&M expenses	142.82	162.30	183.61
Interest on Loan Capital	720.35	784.15	994.70
Interest on Working Capital	43.76	43.19	55.79
Finance Charges	2.87	3.10	3.22
Depreciation	468.29	547.93	671.13
<b>Gross Expenditure</b>	<b>1,820.14</b>	<b>2,037.44</b>	<b>2,460.77</b>
<i>Less: Employee cost capitalized</i>	78.58	93.44	103.92
<i>Less: A&amp;G Capitalisation</i>	7.62	7.18	7.93
<i>Less: Interest Capitalisation</i>	325.35	354.16	449.26
<b>Net Expenditure</b>	<b>1,408.60</b>	<b>1,582.66</b>	<b>1,899.65</b>
<i>Provision for Bad &amp; Doubtful debts</i>	-	-	-
Prior Period Items, Debits, write-offs & other Expenses	31.35	-	-
<b>Net Expenditure with provisions</b>	<b>1,439.94</b>	<b>1,582.66</b>	<b>1,899.65</b>
Add: Return on Equity	67.46	77.25	91.74
Less: Non Tariff Income	22.58	24.31	25.31
<b>Annual Revenue Requirement (ARR)</b>	<b>1,484.83</b>	<b>1,635.60</b>	<b>1,966.08</b>



Director (Commercial)

U.P. Trans Power Corp. Limited  
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## 5 Power Handling and Demand

The Petitioner is performing the business of transmission of electricity received at UP periphery from various central generating stations, as well as those within the State and dispatching this power to the Distribution Licensees as required, using "Transmission system" of UPPTCL. In purchasing/ wheeling of electricity from various generating stations outside the State, losses outside the U.P. transmission system also come into effect. Therefore it is prudent to separately analyze losses internal as well as external to the system so that Petitioner should not be accountable for losses external to the system.

The Petitioner submits that while considering losses to meet the requirement of various distribution licensees, losses external to UPPTCL system, i.e., in the Northern Region, PGCIL system need to be accounted for. The availability of power from various sources of outside the state gets reduced to the extent of these losses. UPPTCL has considered an average level of 1.65% losses in its energy transactions with the Northern Region for FY 2015-16.

On the basis of Power requirement provided by DisComs a detailed energy balance is summarized for Distribution Licensees of the State using Transmission system of UPPTCL for dispatching the energy in the table below:

**Table 5-1: Energy Profile for FY 2013-14 to 2015-16**

Particulars	FY 2013-14	FY 2014-15	FY 2015-16
PVVNL, Meerut	26,027	30,618	32,967
DVVNL, Agra	19,895	23,020	28,197
MVVNL, Lucknow	15,394	18,013	19,685
PuVVNL, Varanasi	18,284	21,085	23,787
Bulk (Including KESCO)	4,195	3,934	4,071
<b>Purchased and Billed Energy (MU)</b>	<b>83,795</b>	<b>96,669</b>	<b>1,08,707</b>
Energy Available for Transmission (MU) after reducing Peripheral Loss (upto inter-connection point)	80,958	95,562	1,07,461
<b>Energy Delivered to Discoms</b>			
<b>Consolidated Discoms</b>	<b>77,586</b>	<b>91,644</b>	<b>1,03,076*</b>
PVVNL, Meerut	24,099	29,026	31,259
DVVNL, Agra	18,421	21,823	26,737
MVVNL, Lucknow	14,253	17,076	18,665
PuVVNL, Varanasi	16,929	19,989	22,555
Bulk (Including KESCO)	3,884	3,729	3,860
<b>Transmission Losses (%)</b>			
<b>UPPTCL</b>	<b>4.17%</b>	<b>4.10%</b>	<b>4.08%</b>

\*The figures of energy delivered to Discoms have been traced from the ARR Petitions of the State owned Distribution Licensees submitted before the Hon'ble UPERC on 08.12.2014.

NPCL is one of the embedded Discom of Uttar Pradesh in private sector. Currently entire energy requirement of NPCL during the FY 2014-15 and onwards is drawn through short term open access route through various bilateral transactions. The payments towards transmission charges at Short



Term Open Access rate approved by Hon'ble UPERC are paid through Northern Region Load Despatch Centre. Therefore no separate billing is being done by UPPTCL for energy accounting or transmission charges as approved ARR rate applicable to Discoms. All the Short Term Open Access payments are considered as a part of other income and therefore energy drawn by NPCL is not accounted in the above table w.e.f FY 2014-15 under regular energy accounting.

## 6 Proposed Transmission Tariff:

### 6.1 Derivation of Tariff:

The proposed transmission tariff is in accordance with the methodology provided in Transmission Tariff Regulations. It provides that in case of more than one long-term customers of the Transmission system (distribution licensee/long term open access customers), utilizing transmission system, the wheeling charges leviable on such customers shall be computed as per the following formula:

Transmission / wheeling charges payable by the long term of customer of Transmission system for use of transmission system for a month

$$= (\text{Net ARR}/12) * (\text{CL}/\text{SCL})$$

CL = Allotted Transmission Capacity in MW of particular long term customer.

SCL = Sum of the Allotted Transmission Capacities (in MW) to all long-term customers.

Presently, the distribution companies have not been allotted transmission capacity; as such, the transmission tariff has been calculated on the basis of numbers of units wheeled by the transmission licensee for distribution licensees'. This is based on the same approach adopted by the Commission in its previous Tariff Orders.

The UPPTCL, in this Petition has computed the eligible true up for FY 2012-13 based on audited accounts. As per the detailed submissions made in foregoing sections, the trued up ARR for FY 2011-12 is to the tune of Rs. 1,365.59 crore. Further, the revenue billed to long term consumers, open access consumers and SLDC charges is to the tune of Rs. 1,308.78 crore. Thus, there is a revenue gap of Rs. 56.82 crore in FY 2012-13.

Based on the above mentioned methodology, the transmission charges payable by all the licensees in the state is computed below:

**Table 6-1: Derivation of Transmission Tariff for FY 2015-16**

Particulars	Unit	Proposed
Annual Revenue Requirement for FY 2015-16	Rs Crore	1,966.08
Revenue Gap for FY 2012-13 consequent to final truing up	Rs Crore	56.82
<b>Total Net ARR for FY 2015-16</b>	<b>Rs Crore</b>	<b>2,022.90</b>
Energy delivered to Discoms	MU	1,03,076
<b>Transmission Charges</b>	<b>Rs./kWh</b>	<b>0.1963</b>

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 finalise 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 licensee 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 finalised, 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 licensee recovers only its costs and no unjust enrichment is allowed to it on account of postage stamp tariff method based billing.



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## 7 Transmission Open Access Charges

In the Tariff Order for FY 2014-15 dated 1<sup>st</sup> October, 2014, the Hon'ble Commission had approved uniform open access transmission charges for long term and short term customers. The Petitioner welcomes this decision of the Hon'ble Commission as it is in line with changed business environment.

Further, in the current practice, the Hon'ble Commission approves two different rates of open access transmission charges. The open access transmission charges for the customers above 132 kV are approved after considering a discount of 25% over the rates approved for customers at 132kV.

The energy handled as presented in section 5 for the purpose of ARR are voltage independent, thus the petitioner proposes uniform open access charges irrespective of voltage levels. The same is consistent with existing practices adopted by CERC, in which uniform rate for all voltage level is adopted and single rate is informed to Northern Region Load Despatch Centre for display and adoption in their website for short term open access users.

The proposed open access transmission charges for FY 2015-16 are provided in the table below:

**Table 7-1: Proposed Open Access Transmission Charges for FY 2015-16**

Particulars	Unit	Long Term	Short Term
Open Access Transmission Charges	Rs./kWh	0.1963	0.1963

In addition to the above charges, the open access customer would also be liable to bear the transmission losses in kind to the tune of 4.08% irrespective of the voltage levels at which the consumers are connected with the grid.



Director (Commercial)



## 8 Cost of SLDC Operations

As per the clause no. 14 of UPERC (Fee and Charges to SLDC) Regulation, 2004, the petitioner is submitting the cost of SLDC operations and ARR base budget for FY 2015-16 for approval of the Hon'ble Commission. As the full fledged accounting function of the SLDC is yet to commence, in the first phase we have considered capturing of all expenses and income profile in compliance of the directives at S. No. 6 of the Table 8-2 of the UPPTCL tariff order dated 1<sup>st</sup> October, 2014. UPPTCL is in the process of accounting professionals in SLDC as per the manpower sanction received from GoUP. On their placement, separate accounting group code will be allowed by UPPTCL to manage entire SLDC functions separately.

Load Despatch Centres have been termed as apex bodies in the electricity industry. They have true independence in financial terms as well as decision making. This has been done in accordance with the recommendations given by a Committee on "Manpower Certification and Incentives for System Operation and Ring Fencing Load Despatch Centres" constituted by Ministry of Power, Government of India. This has been achieved in great extent in first phase through independent governance structure and sanction of man power who have undertaken adequate level of training from NPTI, Bangalore. The manpower is having skills in operations of power system with high ethical standards and altruistic values.

As on date adequate logistics / infrastructure exist for operations of SLDC. The existing IT systems are being updated on dynamic web-base solutions to comprehensively manage SLDC functions. New SLDC building is in construction and expected to be ready for occupation by September 2015. As on date 40% progress has been achieved.

Further as mandated in clause 2.14 of U.P. Electricity Grid Code, 2007, "State Power Committee" has been constituted under the chairmanship of Chief Engineer (SLDC). The Hon'ble Commission had approved SLDC Charges for FY 2014-15 which shall be payable by UPPTCL and which will be recovered through transmission tariff as per the Clause 8 (2) of the SLDC Regulations.

The estimated costs of running UPPTCL central load despatch centre in Lucknow and four regional load despatch centres at Panki, Sahupuri, Modipuram and Moradabad are currently embedded in the ARR claimed in Section 4. The GoUP has accorded its approval towards the organizational structure of the SLDC.

The approved organizational chart and the Office Order in this regard is in enclosed herewith for the perusal of the Hon'ble Commission and marked as "Annexure-5". The sanction and actual working manpower position is depicted in the table below:

**Table 8-1: Sanctioned Vs Actual Working Manpower Position in SLDC**

S.No	Name of Post	Sanctioned	Working employee	Outsourced	Total
1.	Director SLDC	01	-	-	-
2.	Chief Engineer L-1	02	01	-	01
3.	Superintending Engineer	06	04	-	04

S.No	Name of Post	Sanctioned	Working employee	Outsourced	Total
4.	Executive Engineer	26	24	-	24
5.	Assistant Engineer	69	31	5	36
6.	Deputy Account Officer	01	-	-	-
7.	Senior Account Officer	02	-	-	-
8.	Account Officer	03	-	-	-
9.	Accountant	03	-	-	-
10.	Assistant Accountant	04	-	-	-
11.	Junior Engineer	25	30	-	30
12.	Stenographer	03	07	-	07
13.	Computer Operator (Contract)	56	-	43	43
14.	Draft Man	-	01	-	01
15.	Technician Grade-II	05	03	-	03
16.	TPO	05	01	-	01
17.	Office Superintendent	01	01	-	01
18.	Office Assistant-I	02	04	-	04
19.	Office Assistant-II	03	05	-	05
20.	Office Assistant-III	15	08	-	08
21.	Peon	51	25	17	42
22.	Sweeper	04	-	-	-
	<b>Total</b>	<b>287</b>	<b>145</b>	<b>65</b>	<b>210</b>

The activities being performed by the SLDC have been categorised in three parts as depicted below:

**1. Operations and Control**

- a) Control Room round the clock operations in 3 shifts
- b) Scheduling and outage Planning
- c) Data Management
- d) System Studies

**2. SCADA and Communication**

- a) SCADA and EMS
- b) IT

**3. Energy Accounting and settlement**

- a) Energy Accounting & Commercial
- b) Balancing and Settlement System
- c) Open Access (Short term)

**4. Finance and HR functions**

- a) Financial Accounting and Audit, Annual Budget

  
 Director (Commercial)  
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 Shakti Bhawan Extn., Lucknow



## b) HR including Training

Special emphasis is being placed on the capacity building and imparting training to the employees to gear them to independently manage the SLDC function and the dynamic IT-enabled environment. NPTI has started Basic Level Certification training courses for LDCs as per the recommendations given by the Satnam Singh Committee formed by MoP and SLDC is deputing the employees for the same and some employees have already completed the training successfully. The Petitioner is regularly deputing its personnel to the basic level training and certification conducted by NPTI, Bangalore. For FY 2013-14, 11 employees were deputed in 4 batches for the Basic Level Training course conducted by NPTI, Bangalore. 16 employees have undergone the Specialized Level training in FY 2013-14. During FY 2014-15, 1 employee has undergone the Basic Level Training course and 10 employees have undergone the Specialized Level training conducted by NPTI, Bangalore.

The Petitioner is planning to impart the training to every engineer working in SLDC. Remaining employees, who require basic level training will be deputed to NPTI, Bangalore for the next year training courses as per program notified by NPTI, Bangalore. Subsequently advanced level training and certification programme will be introduced by NPTI. The details are as follows:-

Table 8-2: Details of System Operator Training (NPTI)

YEAR	2013-14		2014-15		2015-16(Proposed)	
	Basic Level	Specialist Level	Basic Level	Specialist Level	Basic Level	Specialist Level
No. of Officers Trained	11	16	1	10	10	10

As per the directives of the Hon'ble Commission, the Petitioner has computed the Budget for SLDC for FY 2015-16. The Petitioner has estimated the total expenses of the SLDC at Rs. 41.00 crore which is around 2.09% of the ARR of the UPPTCL for the FY 2015-16. The Budget of SLDC for FY 2015-16 is as follows:

Table 8-3: SLDC Budget for FY 2015-16

(All figures in Rs Crore)

S.No.	Particulars	FY 2013-14	FY 2014-15		FY 2015-16
		Actual	Approved	Revised Estimates	Projected
A	Operating Cost Budget				
1	Employee Expenses				
	i-SLDC,Lucknow	11.00	16.00	13.00	16.90
	ii-sub-LDC,Sarnath	0.81	1.00	1.00	1.30
	iii-sub-LDC,Panki	0.91	1.00	1.00	1.30
	iv-sub-LDC,Moradabad	0.79	1.00	1.00	1.30



S.No.	Particulars	FY 2013-14	FY 2014-15		FY 2015-16
		Actual	Approved	Revised Estimates	Projected
	v-sub-LDC, Modipuram	0.75	1.00	1.00	1.30
	<b>Total Employee Expenses</b>	<b>14.25</b>	<b>20.00</b>	<b>17.00</b>	<b>22.10</b>
<b>2</b>	<b>A &amp; G Expenses</b>				
	i-SLDC, Lucknow	0.90	6.00	2.20	2.90
	ii-sub-LDC, Sarnath	0.02	0.50	0.04	0.06
	iii-sub-LDC, Panki	0.03	0.50	0.04	0.06
	iv-sub-LDC, Moradabad	0.02	0.50	0.04	0.06
	v-sub-LDC, Modipuram	0.02	0.50	0.04	0.06
	<b>Total A &amp; G Expenses</b>	<b>0.99</b>	<b>8.00</b>	<b>2.36</b>	<b>3.14</b>
<b>3</b>	<b>R &amp; M Expenses</b>				
	i-SLDC, Lucknow	1.10	2.20	1.96	2.20
	ii-sub-LDC, Sarnath	0.02	0.20	0.03	0.20
	iii-sub-LDC, Panki	0.02	0.20	0.03	0.20
	iv-sub-LDC, Moradabad	0.02	0.20	0.03	0.20
	v-sub-LDC, Modipuram	0.02	0.20	0.03	0.20
	<b>Total R &amp; M Expenses</b>	<b>1.18</b>	<b>3.00</b>	<b>2.08</b>	<b>3.00</b>
<b>4</b>	<b>Interest On Working Capital</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>5</b>	<b>RLDC Fees and NRPC Charges</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
	<b>Sub Total (Operating Cost Budget)</b>	<b>16.43</b>	<b>31.00</b>	<b>21.44</b>	<b>28.24</b>
<b>B</b>	<b>Capital Charge Budget</b>				
<b>6</b>	Dynamic Website Development	Nil	5.00	4.00	0.88
	SLDC Bldg/Capex Works	Nil	3.59	13.00	16.66
<b>7</b>	Depreciation	Nil	Nil	Nil	Nil
<b>8</b>	Interest & Finance Charges	Nil	Nil	Nil	Nil
<b>9</b>	Return on Equity	Nil	Nil	Nil	Nil
	<b>Sub Total (Capital Charge Budget)</b>	<b>0.00</b>	<b>8.59</b>	<b>17.00</b>	<b>17.54</b>
<b>10</b>	<b>Less: SLDC Income</b>	<b>3.50</b>	<b>1.00</b>	<b>4.44</b>	<b>4.78</b>
	<b>Total UP-SLDC Budget</b>	<b>12.92</b>	<b>38.59</b>	<b>34.00</b>	<b>41.00</b>



The Budget of SLDC for FY 2015-16 as computed above is currently embedded in the ARR claimed in Section 4.

It is further requested to pass order for UP-SLDC to retain the revenue through Scheduling, Rescheduling, Registration Fees and Processing Fees as a surplus and reserve of UP-SLDC which would help in providing the margin money for further CAPEX as recommended by the Task Force set up by Ministry of Power.

The cost of operation of SLDC is to be recovered to the possible extent from various SLDC base fees and charges so that the unrecovered amount is kept as low as reasonably possible to be recovered from Distribution Licensee through its embedment with UPPTCL tariff mechanism.

Currently SLDC fee and charges were notified in 2005 and amended in 2009 through Open Access Regulation, for which UP-SLDC requests Hon'ble Commission to revise following charges for FY 2015-16 upward keeping in view of current market trend of these fee / charges prevailing in other SLDCs:

**Table 8-4: SLDC Fee for FY 2015-16**

S. No.	Particulars	Existing Charges (Rs.)	Proposed charges (Rs.)
1	Registration Fee (STOA)	Nil	Rs. 5,000 /- per year per registration
2	Application Fee (STOA)	Rs. 5,000 /- per application (w.e.f 2009)	Rs. 10,000 /- per application
3	SLDC Fee (STOA upto 3 months)	50,000/- Per Transaction (w.e.f 2009)	1,00,000/- Per Transaction
4	SLDC Fee (STOA more than 3 months and less than 1 year)	75,000/- Per Transaction (w.e.f 2009)	1,00,000/- Per Transaction
5	SLDC Fee (LTOA)	1,00,000/- Per Annum (w.e.f 2005)	3,00,000/- Per Annum

## 9 Compliance with Directives

The Hon'ble Commission had issued certain directives to the UPPTCL in the True up Order dated 21<sup>st</sup> May, 2013 and Tariff Order dated 1<sup>st</sup> October, 2014. The Petitioner submits the status of compliance of the directives as follows:

**Table 9-1: Status of Compliance of the Directives issued vide Order dated 21.05.2013**

Ref Sl No.	Directive	Status of Compliance
2	The Petitioner is directed to file a separate Petition for approval of prior period expenses / incomes. The Petition should clearly indicate the head wise and 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.	<p>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.</p> <p>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.</p> <p>However, given the directive by the Hon'ble Commission, the Petitioner has instructed the field units to compile such information. The information made available by the field units would be compiled at the zonal level and then zonal accounts would be compiled at the corporate level.</p> <p>Given the complexity of this task, the Petitioner seeks waiver from immediate submission of this information.</p>
3	The Petitioner is directed to provide the details pertaining to the accumulated regulatory depreciation claimed on each class of asset reconciling the same with the	It is humbly submitted that the regulatory depreciation is distinct from the depreciation recorded in the financial statements. The rates of depreciation prescribed in the Companies



Ref Sl No.	Directive	Status of Compliance
	accumulated depreciation as per the Fixed Asset Register.	Act, 2013 are adopted by UPPTCL for preparation of books of accounts.

**Table 9-2: Status of Compliance of the Directives issued vide Order dated 01.10.2014**

Ref Sl No.	Directive	Status of Compliance
4	The Commission directs UPPTCL to submit the Fresh Actuarial Valuation Study Report in respect to employee expenses.	<p>The Petitioner humbly submits that the provision for pension and gratuity contribution is being done based on the last actuarial valuation report dated 09.11.2000 and was adopted by the Board of Directors. The same had stipulated a provision of 16.70% towards pension and 2.38% towards gratuity contribution on the amount of basic pay and D.A. portion of the employee cost. Suitable disclosure in this regard has been made in the Notes to accounts enclosed along with the financial statements of FY 2012-13 and 2013-14 (Refer Annexure 2 and 3)</p> <p>Further, the Petitioner submits that it had attempted to appoint an actuary recently but there was no response from the established players.</p> <p>The Petitioner humbly submits that till a fresh actuarial valuation study is completed, the pension and gratuity contribution may be allowed at the levels prayed for in the Petition.</p>
5	<p>The Commission reiterates its direction to UPPTCL to ensure proper maintenance of detailed Fixed Assets Register as specified in the Transmission Tariff Regulations.</p> <p>In order to ensure that Fixed Asset Register is timely and regularly prepared going forward, the Commission directs UPPTCL to prepare the Fixed Asset Register duly accounting for the yearly capitalisations</p>	<p>The Petitioner humbly submits that appropriate instructions have been issued to the field units to prepare fixed asset registers. However, there are two practical difficulties in the preparation of fixed asset registers. They are:</p> <p>(a) Finalisation of unit levels subsequent to transfer scheme is still pending.</p> <p>(b) Huge backlog from FY 2007-08.</p>

Ref Sl No.	Directive	Status of Compliance
	from FY 2012-13 onwards. The capitalisation for the period before that may be shown on gross level basis. This dispensation is merely to ensure that the proper asset registers capturing all necessary details of the asset, including the costs incurred, date of commissioning, location of asset, and all other technical details are maintained for the ensuing years. However, the Petitioner would also be required to clear the backlog in a time bound manner. Upon finalisation of the Transfer Scheme and clearing of backlog, the Petitioner may update the Fixed Asset Register appropriately by passing necessary adjustments.	The Petitioner humbly prays that the direction to prepare fixed asset registers may be waived for FY 2015-16 and about a year's time may be provided to prepare the fixed asset registers from FY 2007-08 onwards.
6	The Commission redirects UPPTCL / SLDC that the ARR / budget for SLDC should be submitted separately along with the ARR submission of TRANSCO. The costs have to be separately identified and not embedded in the TRANSCO ARR.	The Petitioner submits that the ARR for SLDC business has been separately depicted in Section 8 of this Petition. Further to capture all base income and expenditure transactions, instructions have been issued in SLDC to and sub-SLDC to keep record of such transactions, which would give base for organizing SLDC accounting and truing up exercise. Further it will support in deciding on fee and various charges structure of SLDC to cover maximum possible SLDC cost so as to keep as low as under recovery cost of SLDC from distribution licensees.
7	The Commission directs UPPTCL to formalise the capacity of transmission system in use by long-term open access customers (Distribution Licensees or generating companies) in accordance with the principle laid down under Tariff Regulations and based on existing PPAs / MoU's signed by them for purchase or sale of electricity.	The Hon'ble Commission has issued the MYT Regulations which would be applicable from the next year's ARR filing. Also, the matter of allocation of PPAs is pending with the GoUP. Accordingly, the Petitioner humbly requests the Hon'ble Commission to allow more time to the Petitioner to comply.
8	The Commission directs UPPTCL to initiate the process of signing of BPTA with	The Petitioner submits that BPTA of 270 MW with NPCL has been signed on 27 <sup>th</sup> March, 2014



Ref Sl No.	Directive	Status of Compliance
	Distribution Licensees who are the existing long-term customers and submit the status on execution of BPTA of the same.	and is under process of signing BPTA with other Distribution Licensees.  Further, the Petitioner vide letter no 1490/Dir(O)/Common Connectivity dated 17.11.2014 has written to UPPCL seeking the details of the nominated person who would sign the connectivity agreement on behalf of the distribution licensees. Thus, the Petitioner demonstrates that it has initiated steps to comply with the directives of the Hon'ble Commission. A prompt response by UPPCL would enable UPPTCL to comply with the directives of the Hon'ble Commission.
9	The Commission directs SLDC to submit organizational structure of SLDC and status of implementation of the same in view of its creation on 24th January, 2011 by a notification of the State Govt.  The Commission directs the Petitioner to expedite the matter with GoUP for obtaining the approval.	The Petitioner submits that the GoUP has accorded its approval towards the proposed organizational structure of the SLDC.  The approval and Office Order in this regard is enclosed herewith for the perusal of the Hon'ble Commission and marked as "Annexure-5". The status of deployment of manpower is given in chapter 8 against the sanction.
10	The Commission directs the Petitioner to claim the capital investment plan henceforth, strictly in accordance with applicable Tariff Regulations for the Petitioner.	The Petitioner submits that in the current petition, the capital investment plan has been submitted in accordance with the extant Tariff Regulations.
11	The Commission directs UPPTCL to conduct benchmarking studies to determine the desired performance standards and submit the report to the Commission.	The Petitioner submits that the Commission has indicated the scope of work for the benchmarking studies vide its letter dated 3 <sup>rd</sup> February, 2014.  The Petitioner submits that the Terms of Reference for the benchmarking studies would be finalized and an independent consultant would be appointed to undertake such studies, after assessing the feasibility and scope of the study.
12	The Commission directs UPPTCL to conduct proper loss estimate studies under its	The Petitioner submitted that it would take suitable steps to abide by the MYT Regulations

Ref Sl No.	Directive	Status of Compliance
	supervision and submit the report to the Commission.	for the Transmission business about to be notified by the Commission. Internally the UPPTCL is working on the SLDC base EASS model to derive proper loss estimates and compare the same with loss estimate studies at the earliest.
13	The Commission directs UPPTCL to submit completion report in respect of all capital projects which have achieved the Commercial Operation Date during for each year in accordance with Clause 3.6.7 of the Transmission Tariff Regulations.	The Petitioner humbly submits that in the current petition, the Petitioner has submitted the details towards the physical and financial progress of all the ongoing capital works, along with latest completion date based on current progress and tempo of the work execution in the field.
14	The Commission directs UPPTCL to exclude the transmission charges approved by CERC towards transmission lines connecting two States from the overall transmission charges claimed in the next ARR filing for UPPTCL	The Petitioner submits that Hon'ble CERC has still not approved the transmission charges for the transmission lines connecting two States for FY 2013-14. Additionally, it is stated that the petition for determination of transmission charges for the transmission lines connecting two States for 2014-19 period has still not been filed as the tariff order for the previous control period is still pending at Hon'ble CERC level.
15	The Commission directs the Petitioner to urgently pursue with the GoUP for finalisation of the Transfer Scheme and submit a copy of the same.	The Petitioner submits that the same is pending at the end of the GoUP.
16	The Commission directs the UPPTCL to submit load flow studies along with the assessment of various options with regards to transmission pricing, their relative advantages and disadvantages and suitability for adoption in Uttar Pradesh	The Petitioner submits that Hon'ble CERC had initiated studies in respect of PoC mechanism and subsequently approved the PoC Regulations. The Petitioner submits that it would be appropriate that the Commission initiate such studies and approve a framework for transmission pricing in the State. PoC mechanism is based on energy scheduled by SLDC. At present the same is not being done on account of pending allocation of power to Discoms by GoUP. PoC studies may be taken up after necessary scheduling.



## 10 Prayers

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


- Admit the accompanying Annual Revenue Requirement for FY 2015-16 along with the True up for FY 2012-13 based on audited accounts.
- Approve the Annual Revenue Requirement for financial year FY 2015-16 to the tune of Rs. 1,966.08 crore.
- Approve the expenditure side truing up of the ARR for FY 2012-13 to the tune of Rs. 1,365.59 crore, revenue side truing up of Rs. 1,308.78 crore and approve the balance gap recoverable to the tune of Rs. 56.82 crore.
- Allow the disallowed expenses in the past true up orders in lieu of relinquished return on equity to the tune of Rs. 233.26 crore for the period FY 2007-08 to 2011-12 as prayed in Para 3.12 of this Petition
- Allow the gap of FY 2012-13 pursuant to truing up of Rs. 56.82 crore to be recovered along with the ARR for FY 2015-16.
- Approve the SLDC ARR for FY 2015-16 to the tune of Rs. 41.00 crore. Also approve the SLDC Fee as mentioned in the "Table 8-4".
- Approve uniform open access transmission charges for short term and long term customers irrespective of the voltage level at Rs. 0.1963/kWh as prayed in this Petition.
- Allow the disallowed expenses in the past true up orders in lieu of relinquished return on equity as prayed in Para 3.12 of this Petition.
- Allow the Petitioner to pass an internal adjustment with the distribution companies so that the Licensee recovers only its cost and no unjust enrichment is allowed to it on account of postage stamp tariff method based billing till the time contracted capacities are finalised.
- Allow the Petitioner to claim dearness allowance on actual expenditure basis in case the increase in rate of dearness allowance announced by the GoUP exceed the escalation index for the relevant year as it is an uncontrollable cost.
- 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.

## **Annexure-1**


**Tariff Forms as prescribed by  
Transmission Tariff Regulations**



NAME OF TRANSMISSION LICENSEE: U.P. POWER TRANSMISSION CORPORATION LTD.			
FORMATS FOR ARR & TARIFF FILING BY TRANSMISSION LICENSEES			ANNEXURE-I
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	Details of Accounting Ratios
9	Sheet	S9	Truing Up
Financial Formats			
10	Sheet	F1	Alloted Transmission Capacity of Long Term Transmission Customers ( CL)
11	Sheet	F2	Charges to be paid by Long Term Transmission Customers/month
12	Sheet	F3	Operations & Maintenance Cost
13	Sheet	F4	R&M Expenses
14	Sheet	F5	Employee Strength
15	Sheet	F5a	Employees' Cost & Provisions
16	Sheet	F5b	Retirement Pattern
17	Sheet	F6	Administrative & General Expenses
18	Sheet	F7	Statement of Fixed Assets and Depreciation
19	Sheet	F8	Interest & Finance Charges
20	Sheet	F8a	Domestic loans,bonds and financial leasing
21	Sheet	F9	Details of Expenses Capitalised
22	Sheet	F10	Other Debits
23	Sheet	F11	Statement of Sundry Debtors & provision for bad & doubtful debtors
24	Sheet	F12	Extraordinary Items
25	Sheet	F13	Net Prior Period Expenses/Income
26	Sheet	F14	Contribution Grants & subsidies towards Capital assets
27	Sheet	F15	Work in Progress
28	Sheet	F16	Statements of assets not in use
29	Sheet	F17	Investments
30	Sheet	F18	Current Assets and Liabilities
31	Sheet	F19	Non tariff income
32	Sheet	T-1	Capital Formation : FY 2014-15
Performance Formats			
33	Sheet	P1	Transmission Losses
34	Sheet	P2	Energy delivered to Distribution Licensee
35	Sheet	P3	Electrical Accidents
36	Sheet	P4	Abstract of outages due to Feeder tripping
37	Sheet	P5	Major System Occurances
38	Sheet	P6	Frequency Variation
39	Sheet	P7	Voltage Fluctuation
40	Sheet	P8	Licensee/Consumer wide Load shedding in the year
41	Sheet	P9	Overloaded feeders
42	Sheet	P9a	Details of over loaded Transformers
43	Sheet	P10	Failure of Transformers
44	Sheet	P11	Key Ratios

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow


Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.		Form No: SI			
Profit & Loss Account					
S.No	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		True-Up Petition	Provisional Accounts	Revised Estimates	ARR
<b>A</b>	<b>Revenue/Income</b>				
1	Revenue from Transmission/Wheeling charges	1,365.59	1,484.83	1,635.60	1,966.08
2	Income through SLDC Function (in case of STU when STU is operating the SLDC)				
3	Non-tariff income	20.74	22.58	24.31	25.31
4	Revenues through subsidies & grants (If any)				
5	Any other Income				
	<b>Total Revenue or Income</b>	<b>1,386.33</b>	<b>1,507.40</b>	<b>1,659.91</b>	<b>1,991.39</b>
<b>B</b>	<b>Expenditure*</b>				
1	Repair and Maintenance Cost	127.92	142.82	162.30	183.61
2	Employee costs	377.61	417.94	469.78	522.46
3	Administration and General expenses	21.72	24.10	26.99	29.85
4	Net prior period credit charges	81.35	31.35	-	-
5	Other Debits, Write-offs	-	-	-	-
6	Extraordinary items (specify items)		-	-	-
7	Less: Expenses Capitalized	(84.70)	(86.20)	(100.62)	(111.85)
8	Reasonable Return	61.98	67.46	77.25	91.74
<b>C</b>	<b>PBDIT (A-B)</b>	<b>800.46</b>	<b>909.93</b>	<b>1,024.20</b>	<b>1,275.59</b>
<b>D</b>	<b>Depreciation and Related debits</b>	<b>360.67</b>	<b>468.29</b>	<b>547.93</b>	<b>671.13</b>
<b>E</b>	<b>PBIT (C-D)</b>	<b>439.78</b>	<b>441.63</b>	<b>476.27</b>	<b>604.46</b>
1	Interest & Finance Charges	740.55	766.98	830.43	1,053.72
2	Less: Interest Capitalized	(261.90)	(325.35)	(354.16)	(449.26)
<b>F</b>	<b>Total Interest and Finance Charges</b>	<b>478.65</b>	<b>441.63</b>	<b>476.27</b>	<b>604.46</b>
<b>G</b>	<b>TOTAL EXPENDITURE (B+D+F)</b>	<b>1,425.20</b>	<b>1,507.40</b>	<b>1,659.91</b>	<b>1,991.39</b>
<b>H</b>	<b>Profit/Loss before Tax (A-G)</b>	<b>(38.87)</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>I</b>	<b>Income Tax</b>				
<b>J</b>	<b>Profit/Loss after Tax (A-G-I)</b>	<b>(38.87)</b>	<b>-</b>	<b>-</b>	<b>-</b>

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow




Balance Sheet		Form No: S2			
S.No	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Audited	Provisional Accounts	Revised Estimates	ARR
I.	<b>SOURCES OF FUNDS</b>				
	A) Shareholders' Funds				
	a) Share Capital				
	b) Reserves and Surplus				
	B) Special Appropriation allowed towards Project Cost				
	C) Loan Funds				
	a) Secured Loans				
	b) Unsecured Loans				
	D) Other sources of Funds				
	a) Capital contributions from Transmission Customers (if any )				
	b) Security Deposits from Customers (if any)				
	c) Grants & Subsidies towards Capital Expenditure (if any)				
	<b>TOTAL SOURCES OF FUNDS (A+B+C+D)</b>				
II.	<b>APPLICATION OF FUNDS</b>				
	A) Fixed Assets				
	a) Gross Block				
	b) less: Accumulated Depreciation				
	c) Net Block				
	d) Capital Work in Progress				
	e) less: Amount written off till date				
	B) Investments (provide details separately)				
	C) Current Assets, Loans and Advances				
	Stores & Spares				
	Sundry Debtors				
	Cash and Bank Balances				
	Other Current Assets				
	Loans & Advances				
	Inter Unit Transfers				
	D) less: Current Liabilities and Provisions				
	i) Current Liabilities				
	ii) Other Provisions				
	E) Net Current Assets (C-D)				
	F) Miscellaneous Expenditure to the extent not written off				
	<b>TOTAL APPLICATION OF FUNDS</b>				

The Hon'ble Commission in the True up Order for FY 2007-08 dated 21st May, 2013 and in the Suo-motu Order for FY 2013-14 dated 31st May, 2013 incorporating the true ups for FY 2008-09, 2009-10 and 2010-11 had adopted a normative tariff approach towards capital structure. This principle was followed in the Tariff Order for FY 2014-15 dated 01.10.2014 as well wherein the Final True up for FY 2011-12 was also determined. This entailed that regulatory balances towards equity, GFA, accumulated depreciation, loans, etc would be different from financial statements. Hence, Forms S2, S3 and F18 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 F18.

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

S.No	Particulars	FY 2013-14	FY 2014-15	FY 2015-16
		Provisional Accounts	Revised Estimates	ARR
<b>A</b>	<b>Net Funds from Operations:</b>			
1	Net (loss) profit before tax but after exceptional extraordinary items			
	<b>Adjustments</b>			
	Depreciation and amortisation			
	Interest Expenses			
	Income from investment			
	(Profit)/ Losses on fixed Assets sold			
	Miscellaneous Expenditure written off			
	Deffered revenue expenditure written off			
	Debts/Advances written off			
	Provision for bad & Doubtful Debts			
	Liability no longer required written back			
	Provision for gratuity & leave Encashment			
	Exceptional/ Extraordinary items Expenses (Income)			
	Dimunition in value of Investments			
	Operating profit 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 trade and Other Paybles			
	Case generated from operations			
	Taxes (Paid)/ Received (Net of TDS)			
	<b>Net cash from operating activities</b>			
	<b>Total of A</b>			
	<b>Cash flow from investing activities</b>			
	Purchase of fixed assests			
	Additon during the period			
	Capital work in progress			
	Additon during the period			
	Proceeds from Sale of fixed assets			
	Proceed from sale of investments			
	Purchase of investments			
	Interest received (Revenue)			
	<b>Net cash used in investing activities</b>			
	<b>Cash flow from financing activities</b>			
	Proceeds /(Repayments) of long term borrowings (net)			
	Equity from GoUP			
	Capital contribution from consumers			
	Consumer security deposit (If any)			
	Proceeds/(Repayment) from cash credit (net)			
	Interes Paid			
	<b>Net cash generated from financing activities</b>			
	Net Increase/(Decrease) in cash& cash Equivalants			
	Cash &Cash Equivalants as at beginning of the financial year			
	Cash &Cash Equivalants as at end of the financial year			
	Cash &Cash Equivalants comprise			
	Cash, Cheque & Drafts (in hand) and remittances in transit			


The Hon'ble Commission in the True up Order for FY 2007-08 dated 21st May, 2013 and in the Suo-motu Order for FY 2013-14 dated 31st May, 2013 incorporating the true ups for FY 2008-09, 2009-10 and 2010-11 had adopted a normative tariff approach towards capital structure. This principle was followed in the Tariff Order for FY 2014-15 dated 01.10.2014 as well wherein the Final True up for FY 2011-12 was also determined. This entailed that regulatory balances towards equity, GFA, accumulated depreciation, loans, etc would be different from financial statements. Hence, Forms S2, S3 and F18 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 F18.

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow




Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.					
Annual Revenue Requirement				Form No: S4	
S.No	Particulars	FY 2012-13 Audited	FY 2013-14 Provisional Accounts	FY 2014-15 Revised Estimates	FY 2015-16 ARR
I.	Energy Available (MU)	77707	83795	96669	108707
II.	Energy Transmitted/Wheeled (MU)	73898	77586	91644	103076
III.	Loss %	4.90%	7.41%	5.20%	5.18%
IV.	Transmission Cost per unit (Rs/U)	0.1848	0.1914	0.1785	0.1963
V	Total Transmission System Capacity (in MW)				
VI.	Transmission Cost per MW				
VII.	Max Demand handled by the transmission system (in MW)				
1	Receipts				
a	Transmission/Wheeling Charges				
b	Revenue from SLDC Fee and Charges ( When STU is operating the SLDC)				
c	Subsidy from Govt. (If any)				
	Total		-	-	-
2	Expenditure				
a	R&M Expense	127.92	142.82	162.30	183.61
b	Employee Expenses	377.62	417.94	469.78	522.46
c	A&G Expense	21.72	24.10	26.99	29.85
d	Depreciation	360.67	468.29	547.93	671.13
e	SLDC Expenses (When STU is operating the SLDC)				
f	Interest & Finance Charges	701.67	766.98	830.43	1,053.72
g	Contribution towards Contingency Fund				
h	Any other expenses				
	Less:				
a	Interest & other expenses capitalised	346.60	411.54	454.78	561.11
b	Other Debits (incl. Prov for Bad debts)	-	-	-	-
c	Extraordinary Items		-	-	-
d	Other (Misc.)-net prior period credit (Fee & Taxes)etc.	81.35	31.35	-	-
	Total Expenditure	1,324.36	1,439.94	1,582.66	1,899.65
3	Reasonable Return	61.98	67.46	77.25	91.74
4	Non Tariff Income	20.74	22.58	24.31	25.31
5	Such percentage of revenue recovered from Short-term open access customers, as specified in the UPERC Uttar Pradesh Electricity Regulatory Commission (Terms and Conditions for Open Access) Regulations, 2004				
6	Net Annual Revenue Requirement (2)+(3) -(4+5)	1,365.59	1,484.83	1,635.60	1,966.08

Note: The Transmission Cost per unit (Rs/kWh) computed for FY 2015-16 is including the Revenue Gap of Rs. 56.82 Crore of FY 2012-13.

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.					
Information regarding amount of Equity & Loan				Form No: S5	
Sr. No.	Period	As on March 31 FY13	As on March 31 FY14	As on March 31 FY15	As on March 31 FY 16
1	Amt. of Equity (Rs. crores)	3182.60	3563.51	4161.61	5012.27
2	Amt. of Loan (Rs. crores)	5549.36	5846.56	6558.63	9177.49
3	Debt Equity Ratio	64%	62%	61%	65%

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd					
Working Capital Requirement				Form No: S6	
Sr. No.	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Audited	Provisional Accounts	Revised Estimates	ARR
1	One month's O & M Expenses	36.88	41.56	46.54	52.01
2	One-twelfth of the sum of the book value of stores, materials and supplies at the end of each month of such financial year	60.65	61.04	26.39	66.67
3	Receivables equivalent to 60 days average billing of Beneficiaries	227.60	247.47	272.60	327.68
	<b>Gross Total</b>	<b>325.13</b>	<b>350.06</b>	<b>345.53</b>	<b>446.35</b>
Less:					
1	Security Deposits by the beneficiaries (if any )				
	<b>Net Working Capital</b>	<b>325.13</b>	<b>350.06</b>	<b>345.53</b>	<b>446.35</b>
	Rate of Interest for Working Capital	12.50%	12.50%	12.50%	12.50%
	<b>Interest on Working Capital</b>	<b>40.64</b>	<b>43.76</b>	<b>43.19</b>	<b>55.79</b>

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.

Reasonable Return


Form No: S7

Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
	True-Up	Provisional Accounts	Revised Estimates	ARR
<b>Return on Equity</b>				
Regulatory equity at the beginning	3,015.34	3,182.60	3,563.51	4,161.61
Capitalised assets during the year	557.56	1,269.68	1,993.67	2,835.53
Equity portion of expenditure on capitalised assets	167.27	380.90	598.10	850.66
<b>Regulatory equity at the end</b>	<b>3,182.60</b>	<b>3,563.51</b>	<b>4,161.61</b>	<b>5,012.27</b>
<b>Return computation</b>				
Return Regulatory equity at the beginning	60.31	63.65	71.27	83.23
Return on Equity portion of expenditure on capitalised assets	1.67	3.81	5.98	8.51
<b>Total return on regulatory equity</b>	<b>61.98</b>	<b>67.46</b>	<b>77.25</b>	<b>91.74</b>


  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee			Form No:S8			
Details of Accounting Ratios						
		Description	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Ratios				
Gearing	(i)	Shareholders' fund/Borrowed fund	0.67	0.74	NA	NA
	(ii)	Shareholders' fund/Borrowed fund (fixed liabilities only)	0.67	0.74	NA	NA
Solvency	(iii)	Share holders' fund/Total Assets	0.28	0.29	NA	NA
	(iv)	Share holders' fund/ (Total Assets- Current Liabilities)	0.37	0.37	NA	NA
Liquidity	(v)	Current Assets/Current Liabilities	1.21	1.30	NA	NA
	(vi)	Quick Assets/Current Liabilities	0.99	1.10	NA	NA
	(vii)	Debt Service Coverage Ratio	0.03	-0.22	NA	NA
Activity	(viii)	Operating Expenses/Total Revenue	0.32	0.45	NA	NA
	(ix)	Assets Turn over (Revenue/Assets)	0.09	0.07	NA	NA
	(x)	Inventory Turn over	0.53	0.49	0.19	0.41
	(xi)	Days of Receivables	772	858	564	469
	(xii)	Days of Payables	-	-	-	-
	(xiii)	Total Revenue/Working Capital	4.20	4.24	4.73	4.40
Note: For the projections of current assets & liabilities, working sheets showing the calculations along with the assumptions upon which they are based should be attached.						

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow


Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.				
Truing Up of FY 2012-13			Form No: S9	
	Particulars	Approved	Actual	True up Petition
	Energy Wheeled (MU)	70495.08	73897.66	73897.66
	Total Transmission System Capacity (in MW)			
1	Receipts			
a	Transmission/Wheeling Charges	1,241.38	1,306.78	1,306.78
b	SLDC Charges		1.99	1.99
c	Subsidy from Govt (if any)			
	Total	1,241.38	1,308.78	1,308.78
2	Expenditure			
a	R&M Expenses	104.18	143.14	127.92
b	Employee Expenses	433.44	344.96	377.62
c	A&G Expenses	21.23	16.03	21.72
d	Depreciation	390.66	374.94	360.67
e	SLDC Expenses			
f	Interest & Finance Charges	366.71	686.60	701.67
g	Less: Interest & other expenses capitalised	98.08	346.60	346.60
h	Other Debits (incl. Prov for Bad debts)	-	-	-
I	Extraordinary Items			
j	Other (Misc.)-net prior period credit	-	81.35	81.35
	Total			
3	Reasonable Return	55.78	-	61.98
4	Non Tariff Income	32.53	20.74	20.74
5	Annual Revenue Requirement (2)+(3)-(4)	1,241.38	1,279.68	1,365.59
6	Surplus(+) / Shortfall(-) : (1)-(5) before tariff revisi	0.00	29.10	(56.82)
7	Tariff Revision Impact			
8	Surplus(+) / Shortfall(-) : (6)-(7)after tariff revision			

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.				
Alloted Transmission Capacity of Long Term Transmission System Customer (Distribution Licensees & Bulk Customer)				Form No: F1
S. No.	Name of the Distribution Licensee/Bulk Consumer	Alloted Transmission Capacity (In MW)		
		FY 2013-14	FY 2014-15	FY 2015-16
<b>A</b>	<b>Distribution Licensees</b>			
1	Madhayanchal Vidyut Vitran Nigam Limited, Lucknow			
2	Paschimanchal Vidyut Vitran Nigam Limited, Meerut			
3	Purvanchal Vidyut Vitran Nigam Limited, Varansi			
4	Dakshinanchal Vidyut Vitran Nigam Limited, Agra			
5	Noida Power Company Limited			
6	KESCO			
7	Others			
	i.			
	ii.			
<b>B</b>	<b>Bulk Consumers/Long Term Open Access Customers (If any)</b>			
1				
2				
3				
	<b>Sum of Total Allowed Transmission Capacity to all the long term Transmission system customers (SCL)</b>			

It is stated that the allocation of transmission capacity among the beneficiary distribution licensee is not possible until the allocation of PPAs to the distribution licensees. In this regard, it is stated that discom wise allocation of PPAs are being done in case of all fresh/new PPAs being under Case 1 and Case 2. However, in case of old PPAs with state and central sector generating stations, the draft proposal for allocation of PPAs to DisComs has already been sent to GoUP for notification and the matter is still pending at GoUP level.

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan, Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.						
Charges to be paid by Long Term Transmission System Customer/month (Net ARR* CL /SCL)/12						
Form No:F2						
S. No.	Name of the Distribution Licensee/Bulk Consumer	Charges	Long Term Transmission System Customer/month	FY 2013-14	FY 2014-15	FY 2015-16
		FY 2012-13	FY 2013-14	Provisional Accounts	Revised Estimates	ARR
A	Distribution Licensees					
1	Meerut	411.92	461.20		518.04	609.19
2	Agra	301.56	352.54		389.49	523.89
3	Lucknow	228.75	272.77		304.77	367.14
4	Varanasi	278.99	323.98		356.74	446.93
5	Kesco	54.64	68.02		66.55	75.75
6	NPCL	5.96	6.32		0.00	0.00
B	Bulk Consumers/Long Term Open Access Consumers (If any)					
1		Currently there are no long-term open access customers of UPPTCL other than the distribution licensees.				
2						
3						
A+B		1281.81	1484.83		1635.60	2022.90

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.


Operations & Maintenance Cost

Form No:F3

Sl.No.	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
	Figure in Rs Crore	Audited	Provisional Accounts	Revised Estimates	ARR
1	Repair & Maintenance Expenses	127.92	142.82	162.30	183.61
2	Employee Expenses	377.62	417.94	469.78	522.46
2	Administrative and General Expenses	21.72	24.10	26.99	29.85
	Less :				
4	Expenses Capitalized	84.70	86.20	100.62	111.85
	Net O&M Expenses	442.56	498.67	558.46	624.06

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.					
Repairs & Maintenance Cost				Form No: F4	
Sl.No.	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Audited	Provisional Accounts	Revised Estimates	ARR
1	Plant and Machinery	82.23	89.42	96.30	100.24
	400 KV Sub Station				
	220 KV Sub Station				
	132 KV Sub Station				
	66 KV Sub Station				
2	Building	5.76	6.27	6.75	7.03
3	Civil Works	0.09	0.10	0.11	0.11
4	Hydraulic Works	-	-	-	-
5	Transformers	-	-	-	-
6	Lines, Cables Networks etc.	8.51	9.25	9.96	10.37
	400 KV Sub Station				
	220 KV Sub Station				
	132 KV Sub Station				
	66 KV Sub Station				
7	Vehicles				
8	Furniture and Fixtures	0.00	0.00	0.00	0.00
9	Office Equipments	0.02	0.02	0.02	0.02
10	Transportation	-	-	-	-
11	Sub station maintenance by private agencies	-	-	-	-
12	Any other items (Incremental expenses @2.5% of the GFA)	31.31	37.76	49.15	65.83
	Total	127.92	142.82	162.30	183.61

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow




Name of Transmission Licensee: UP Power Transmission Corporation

Employee Strength

Form No: F5

S.No	Particulars	FY 2012-13 Actuals	FY 2013-14 Provisional	FY 2014-15 Estimate	FY 2015-16 Projection
A	Employee Strength				
	Working Strength At The Beginning Of The Year				
	Employee Category				
1	Chief General Manager or equivalent	1	1	1	0
2	General Manager or equivalent	8	8	7	10
3	Deputy General Manager or equivalent	39	36	36	48
4	Executive Engineer or equivalent	160	173	175	210
5	Assissant Engineers or equivalent	381	429	415	410
6	Junior Engineer and equivalent	635	746	742	762
7	Class III Employee	2603	2953	2926	3112
8	Class IV Employees	2006	2505	2471	2330
	<b>Total</b>	<b>5833</b>	<b>6851</b>	<b>6773</b>	<b>6882</b>
	Sanctioned Strength At The Beginning Of The Year				
	Employee Category				
1	Chief General manager or equivalent	2	2	2	3
2	General manager or equivalent	8	8	8	8
3	Deputy General Manager or equivalent	46	46	47	53
4	Executive Engineer or equivalent	186	186	188	225
5	Assissant Engineers or equivalent	552	557	561	648
6	Junior Engineer and equivalent	1127	1135	1136	1335
7	Class III Employee	4644	4734	4784	4819
8	Class IV Employees	5071	5090	5110	5110
	<b>Total</b>	<b>11636</b>	<b>11758</b>	<b>11836</b>	<b>12201</b>

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.

Employee Cost and Provisions

Form No: F5a


( Separate Form to be submitted for each wing e.g. FAO, Civil, Head Office etc.)

S.No	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		True up Petition	Provisional Accounts	Revised Estimates	ARR
1	Salaries	156.52	170.21	183.31	190.82
2	Dearness Allowance	66.76	72.60	78.19	81.39
3	Other Allowances & Relief	10.34	11.25	12.11	12.61
4	Bonus/Exgratia	3.84	4.18	4.50	4.68
5	Medical reimbursement	3.44	3.74	4.03	4.19
6	Leave travel alownce	0.00	0.01	0.01	0.01
7	Earned Leave Encashment	7.60	8.26	8.90	9.26
8	Compensation to Employees	0.06	0.07	0.07	0.08
9	Employeee welfare expencess	0.52	0.57	0.61	0.64
10	Pension and gratuity	52.66	57.27	61.68	64.20
11	Other terminal benefits	2.05	2.23	2.41	2.50
12	Expenses on trust	0.22	0.23	0.25	0.26
13	Any other employee expenses	-	-	-	-
14	Arrear of Pay Commission/Time Scale	-	-	-	-
15	Additional employee Expenses(@2.5% of incremental GFA)	73.60	87.32	113.73	151.81
	<b>Total</b>	<b>377.62</b>	<b>417.94</b>	<b>469.78</b>	<b>522.46</b>
	Employee expenses capitalised	75.12	78.58	93.44	103.92
	<b>Net Employee expenses</b>	<b>302.50</b>	<b>339.36</b>	<b>376.34</b>	<b>418.54</b>

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation													
Retirement Pattern													Form No: F5
S.No	Particulars	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
A	Employee Strength												
	Working Strength At The Beginning Of The Year												
	Employee Category												
1	Chief General manager and equivalent	2	2	2	2	1	1	1	1	1	1	1	0
2	General manager and equivalent	8	8	8	8	8	7	7	7	8	8	7	10
3	Deputy General Manager or equivalent	32	30	32	34	36	39	38	36	39	36	36	48
4	Executive Engineer and equivalent	129	130	124	128	134	134	149	164	160	173	175	210
5	Assisstant Engineers and equivalent	334	332	328	331	354	332	347	380	381	429	415	410
6	Junior Engineer and equivalent	634	599	616	617	618	639	636	679	635	746	742	762
7	Class III Employee	2788	2634	2610	2534	2770	2510	2303	2569	2603	2953	2926	3112
8	Class IV Employees	3288	3173	3159	2870	2717	2457	2173	2137	2006	2505	2471	2330
	Total	7215	6908	6879	6524	6638	6119	5654	5973	5833	6851	6773	6882
	Sanctioned Strength At The Beginning Of The Year												
	Employee Category												
1	Chief General manager	2	2	2	2	2	2	2	2	2	2	2	3
2	General manager	8	8	8	8	8	8	8	8	8	8	8	8
3	Deputy General Manager	37	37	38	41	42	43	45	45	46	46	47	53
4	Executive Engineer	148	148	155	156	164	174	175	179	186	186	188	225
5	Assisstant Engineers	481	481	503	505	522	532	528	540	552	557	561	648
6	Junior Engineer and equivalent	1043	1043	1084	1092	1106	1115	1111	1115	1127	1135	1136	1335
7	Class III Employee	4322	4322	4467	4460	4512	4512	4570	4573	4644	4734	4784	4819
8	Class IV Employees	4806	4806	5000	4999	5021	5015	5018	5045	5071	5090	5110	5110

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow


Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.

## Administrative and General Expenses

Form No: F6

(Rs. Crores)

S.No.	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Audited	Provisional Accounts	Revised Estimates	ARR
<b>A)</b>	<b>Administration Expenses</b>				
1	Rent rates and taxes (Other than all taxes on income and profit)	0.37	0.40	0.43	0.45
2	Insurance of employees, assets, legal liability	0.11	0.12	0.13	0.14
3	Revenue Stamp Expenses Account	0.00	0.00	0.00	0.00
4	Telephone, Postage, Telegram, Internet Charges	1.83	1.99	2.14	2.23
5	Incentive & Award To Employees/Outsiders	0.00	0.00	0.00	0.00
6	Consultancy Charges	0.00	0.01	0.01	0.01
7	Travelling	4.69	5.10	5.49	5.72
8	Technical Fees	1.09	1.18	1.27	1.32
9	Other Professional Charges	0.00	0.00	0.00	0.00
10	Conveyance And Travel (vehicle hiring, running)	0.00	0.00	0.00	0.00
11	UPERC License fee	0.00	0.00	0.00	0.00
12	Security / Service Charges Paid To Outside Agencies	0.00	0.00	0.00	0.00
13	Regulatory Expenses	0.00	0.00	0.00	0.00
	<b>Sub-Total of Administrative Expenses</b>	<b>8.09</b>	<b>8.80</b>	<b>9.47</b>	<b>9.86</b>
<b>B)</b>	<b>Other Charges</b>				
1	Fee And Subscriptions Books And Periodicals	0.00	0.00	0.00	0.00
2	Printing And Stationery	0.72	0.79	0.85	0.88
3	Advertisement Expenses (Other Than Purchase Related) Exhibition & Demo.	0.33	0.36	0.39	0.41
4	Contributions/Donations To Outside Institute / Association	0.00	0.00	0.00	0.00
5	Electricity Charges To Offices	0.68	0.74	0.79	0.82
6	Water Charges	0.00	0.00	0.01	0.01
7	Consultancy expenses /Any Study related expenses				
8	Miscellaneous Expenses				
9	Any Study - As per requirements	0.00	0.00	0.00	0.00
10	Any Other expenses	7.54	8.20	8.83	9.20
	<b>Sub-Total of other charges</b>	<b>9.28</b>	<b>10.09</b>	<b>10.87</b>	<b>11.31</b>
<b>C)</b>	<b>Legal Charges</b>	0.40	0.44	0.47	0.49
<b>D)</b>	<b>Auditor's Fee</b>	0.09	0.10	0.11	0.11
<b>E)</b>	<b>Freight - Material Related Expenses</b>	0.00	0.00	0.00	0.00
<b>F)</b>	<b>Departmental Charges</b>	0.00	0.00	0.00	0.00
	<b>Additional A&amp;G expenses(@2.5% of incremental GFA)</b>	3.86	4.68	6.07	8.07
<b>G)</b>	<b>Total Charges</b>	<b>21.72</b>	<b>24.10</b>	<b>26.99</b>	<b>29.85</b>
<b>H)</b>	<b>Total Charges Chargeable To Capital Works</b>	9.58	7.62	7.18	7.93
<b>I)</b>	<b>Total Charges Chargeable to Revenue Expenses</b>	<b>12.14</b>	<b>16.49</b>	<b>19.82</b>	<b>21.91</b>

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.		Form No: F7									
Fixed Assets and Provision for Depreciation		FY 2012-13									
SlNo	Particulars	Gross Fixed Assets			Provision For Depreciation				Net Fixed Assets		
		At Beginning of Year	Addition During Year	At End of Year	Rate of Depreciation	At Beginning of Year	Addition During Year	At End of Year	At The Beginning of Year	At The End of Year	
1	Land & Land rights										
2	Building and Civil Works										
	Others 1										
	Others 2										
	Others 3										
	Sub-Total										
3	Substations, Lines, Cable Networks etc.										
i	Transformers										
ii	Switchgears, Control gear & Protection										
iii	Batteries										
iv	Towers, poles, fixtures, overhead conductors, devices										
v	Underground Cables and devices										
vi	Service Lines										
vii	Others										
4	Communication equipment										
5	Meters & Metering Equipments										
6	Vehicles										
7	Furniture & fixtures										
8	Office Equipments										
9	Assets taken over & pending final valuation										
10	Any other items										
	Total (1 to 10)	8,185.19	557.56	8,644.28	4.50%	3,256.56	377.12	3,633.68	4,938.63	5,019.61	
	Equivalent amount of Depreciation on Assets acquired out of the Consumer's Contribution and GoUP's Capital Subsidy						16.44				
	Net Allowable Depreciation						360.67				

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd		Form No: F7									
Fixed Assets and Provision for Depreciation		FY 2013-14									
Sl.No	Particulars	Gross Fixed Assets			Provision For Depreciation				Net Fixed Assets		
		At Beginning of Year	Addition During Year	Adjustments & Deduction	At End of Year	Rate of Depreciation	Addition During Year	Adjustments & Deduction	At End of Year	At The beginning of Year	At the End of Year
1	Land & Land rights										
2	Building and Civil Works										
	Others 1										
	Others 2										
	Others 3										
	Sub-Total										
3	Substations, Lines, Cable Networks etc.										
i	Transformers										
ii	Switchgears, Control gear & Protection										
iii	Batteries										
iv	Towers, poles, fixtures, overhead conductors, devices										
v	Underground Cables and devices										
vi	Service Lines										
vii	Others										
4	Communication equipment										
5	Meters & Metering Equipments										
6	Vehicles										
7	Furniture & fixtures										
8	Office Equipments										
9	Assets taken over & pending final valuation										
10	Any other items										
	Total (1 to 10)	8,644.28	1,269.68	101.30	9,812.67	5.28%	3,633.68	485.57	4,119.25	5,010.61	5,693.42
	Equivalent amount of Depreciation on Assets acquired out of the Consumer's Contribution and GoUP's Capital Subsidy							17.38			
	Net Allowable Depreciation							468.29			

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.												Form No: F7	
Fixed Assets and Provision for Depreciation													
FY 2014-15													
Sl.No	Particulars	Gross Fixed Assets			Rate of Depreciation	Provision For Depreciation			Net Fixed Assets				
		At Beginning of Year	Addition During Year	Adjustments & Deduction		At End of Year	At Beginning of Year	Addition During Year	Adjustments & Deduction	At The beginning of Year	At the End of Year		
FY 2014-15													
1	Land & Land rights												
2	Building and Civil Works												
	Others 1												
	Others 2												
	Others 3												
	Sub-Total												
3	Substations, Lines, Cable Networks etc.												
i	Transformers												
ii	Switchgears, Control gear & Protection												
iii	Batteries												
iv	Towers, poles, fixtures, overhead conductors, devices												
v	Underground Cables and devices												
vi	Service Lines												
vii	Others												
4	Communication equipment												
5	Meters & Metering Equipments												
6	Vehicles												
7	Furniture & fixtures												
8	Office Equipments												
9	Assets taken over & pending final valuation												
10	Any other items												
	Total (1 to 10)	9,812.67	1,993.67	-	11,806.34	5.28%	4,119.25	568.87	4,688.12	5,693.42	7,118.22		
	Equivalent amount of Depreciation on Assets acquired out of the Consumer's Contribution and GoUP's Capital Subsidy							20.94					
	Net Allowable Depreciation							547.93					

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.											Form No: F7
Fixed Assets and Provision for Depreciation											
FY 2015-16											
Sl.No	Particulars	Gross Fixed Assets				Rate of Depreciation	Provision For Depreciation			Net Fixed Assets	
		At Beginning of Year	Addition During Year	Adjustments & Deduction	At End of Year		At Beginning of Year	Additions During Year	Adjustments & Deduction	At End of Year	At The beginning of Year
1	Land & Land rights										
2	Building and Civil Works										
	Others 1										
	Others 2										
	Others 3										
	Sub-Total										
3	Substations, Lines, Cable Networks etc.										
i	Transformers										
ii	Switchgears, Control gear & Protection										
iii	Batteries										
iv	Towers, poles, fixtures, overhead conductors, devices										
v	Underground Cables and devices										
vi	Service Lines										
vii	Others										
4	Communication equipment										
5	Meters & Metering Equipments										
6	Vehicles										
7	Furnitures & fixtures										
8	Office Equipments										
9	Assets taken over & pending final valuation										
10	Any other items										
	Total (1 to 10)	11,806.34	2,835.53	-	14,641.88	5.28%	4,688.12	695.94	-	5,384.06	9,257.82
	Equivalent amount of Depreciation on Assets acquired out of the Consumer's Contribution and GoJP's Capital Subsidy							24.81			
	Net Allowable Depreciation							671.13			

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow




Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.

## Interest &amp; Finance Charges

Form No: F8

	S.No	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		In Rs Crores	Audited	Provisional Accounts	Revised Estimates	ARR
I		Interest and Finance Charges on Long Term Loans / Credits from the FIs/banks/organisations approved by the State Government				
		Total of I	658.06	720.35	784.15	994.70
II		Interest on Working Capital Loans Or Short Term Loans				
		Interest on Working Capital/OD/CC	40.64	43.76	43.19	55.79
		Total of II	40.64	43.76	43.19	55.79
		Total of A : I + II	698.71	764.11	827.34	1050.49
		Other Interest & Finance Charges				
	1	Bank Charges	0.04	0.03	0.03	0.03
		Other Bank Charges				
		Guarantee Fees	2.92	2.85	3.07	3.19
		Total of B	2.97	2.87	3.10	3.22
		Grand Total Of Interest & Finance Charges: A + B	701.67	766.98	830.43	1053.72
		Less: Interest & Finance Charges Chargeable to Capital Account	261.90	325.35	354.16	449.26
		Net Total Of Interest & Finance Charges : For Revenue Account: C-D	439.78	441.63	476.27	604.46



Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.							Form No: F8a	
Domestic loans, bonds and financial leasing								
S.No	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	ARR		
	In Rs Crores							
1	Opening Loan	4,907.17	5,549.36	5,846.56	6,558.63			
2	Additions (70% of Investments)	1,002.87	765.49	1,260.00	3,290.00			
3	Less: Repayments	360.67	468.29	547.93	671.13			
4	Closing Loan Balance	5,549.36	5,846.56	6,558.63	9,177.49			
5	Weighted Average Rate of Interest	0.13	0.13	0.13	0.13			
6	Interest	658.06	720.35	784.15	994.70			
7	Less: Interest Capitalized	261.90	325.35	354.16	449.26			
8	Net Interest Charged	396.17	395.00	429.99	545.44			

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.					
Details of Expenses Capitalised				Form No: F9	
Sl.No.	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Audited	Provisional Accounts	Revised Estimates	ARR
1	Interest & Finance charges Capitalised	261.90	325.35	354.16	449.26
2	Other expenses capitalised:				
	a. Employee expenses	75.12	78.58	93.44	103.92
	b. R&M Expenses				
	c. A&G Expenses	9.58	7.62	7.18	7.93
	d. Depreciation				
	e. Others, if any				
	<b>Total of 2</b>	<b>84.70</b>	<b>86.20</b>	<b>100.62</b>	<b>111.85</b>
	<b>Grand Total</b>	<b>346.60</b>	<b>411.54</b>	<b>454.78</b>	<b>561.11</b>


  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd

Form No:  
F10

Debits, Write-offs and any other items

Sl.No.	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Audited	Provisional Accounts	Revised Estimates	ARR
1	Material Cost Variance				
2	Miscellaneous Losses And Write Off				
3	Other Provisions				
5	Net Prior Period Credit/Charges	81.35	31.35	0.00	0.00
6	<b>Sub-Total</b>	<b>81.35</b>	<b>31.35</b>	-	-
7	Less : Chargeable to Capital Account				
	<b>Net Chargeable To Revenue</b>	<b>81.35</b>	<b>31.35</b>	-	-

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow




Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd


Statement of Sundry Debtors and provision for Bad &amp; Doubtful Debts

Form No: F11

Sl.No.	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Audited	Provisional Accounts	Revised Estimates	ARR
1	Receivable at the beginning of the year	1592.57	2767.56	2525.72	2525.72
2	Revenue billed for the year	1308.78	1074.94	1635.60	1966.08
3	Collection for the year	133.79	1316.77	1635.60	1966.08
	Against current dues				
	Against arrears upto previous year				
4	Gross receivable as at the end of the year	2767.56	2525.72	2525.72	2525.72
6	Provision for bad and doubtful debts	0.00	-81.98	0.00	0.00
7	% of provision	0%	0%	0%	0%

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.					
Extraordinary Items				Form No: F12	
Sl.No.	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Audited	Provisional Accounts	Revised Estimates	ARR
1	Extraordinary Credits	NIL	NIL	NIL	NIL
	subsidies aganst losses due to natural disasters				
	<b>TOTAL CREDITS</b>				
2	Extraordinary Debits				
	subsidies aganst losses due to natural disasters				
	<b>TOTAL DEBITS</b>				
	<b>Grand Total</b>				

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow




Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.

Net Prior Period Expenses / Income

Form No: F13

Sl.No.	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Audited	Provisional Accounts	Revised Estimates	ARR
<b>A</b>	<b>Income relating to previous years:</b>				
1	Interest income for prior periods				
2	Income Tax prior period				
3	Excess Provision for Depreciation				
4	Excess Provision for Interest and Fin. Charges				
5	Other Excess Provision	0.00			
6	Others Income	(78.33)	0.00		
	<b>Sub-Total A</b>	<b>(78.33)</b>	<b>0.00</b>	<b>-</b>	<b>-</b>
<b>B</b>	<b>Expenditure relating to previous years</b>				
1	Operating Expenses	0.35	0.03		
2	Employee Cost	0.65	2.03		
3	Depreciation	0.75	0.50		
4	Interest and Finance Charges	0.92	-		
5	Admn. Expenses	0.34	28.79		
6	Withdrawal of Revenue Demand				
7	Material Related				
8	Other				
	<b>Sub-Total B</b>	<b>3.02</b>	<b>31.35</b>	<b>-</b>	<b>-</b>
	<b>Net prior period Credit/(Charges) : A-B</b>	<b>81.35</b>	<b>31.35</b>	<b>-</b>	<b>-</b>

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd									
Contributions, Grants and subsidies towards Cost of Capital Assets									
Form No: F14									
Sl No	Particulars	Previous Year			Current Year			Ensuing Year	
		Balance at the beginning of the year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	
1	Beneficiaries Contribution Towards Cost Of Capital Assets	349.58	74.26	423.85	100.00	523.85	100.00	623.85	
2	Subsidies Towards Cost Of Capital Asset								
3	Grant Towards Cost Of Capital Assets								
4	Others								
	Total	349.58	74.26	423.85	100.00	523.85	100.00	623.85	


Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: UP Power Transmission Corporation			
Work in Progress		Form No: F15	
400 KV Sub-Station Construction			
	FY 2013-14	FY 2014-15	FY 2015-16
Opening Balance	The Scheme Wise Capital Investment Plan (Ongoing and Proposed Schemes) is provided in Annexure 4 to the Petition		
Add: New Investment as sum of			
(i) Base Capital Expenditure			
(ii) Interest During Construction			
(iii) Establishment expenses			
Less: Investment Capitalised			
Closing Balance			
220 KV Sub-Station Construction			
	FY 2013-14	FY 2014-15	FY 2015-16
Opening Balance	The Scheme Wise Capital Investment Plan (Ongoing and Proposed Schemes) is provided in Annexure 4 to the Petition		
Add: New Investment			
(i) Base Capital Expenditure			
(ii) Interest During Construction			
(iii) Establishment expenses			
Less: Investment Capitalised			
Closing Balance			
132 KV Sub-Station Construction			
	FY 2013-14	FY 2014-15	FY 2015-16
Opening Balance	The Scheme Wise Capital Investment Plan (Ongoing and Proposed Schemes) is provided in Annexure 4 to the Petition		
Add: New Investment			
(i) Base Capital Expenditure			
(ii) Interest During Construction			
(iii) Establishment expenses			
Less: Investment Capitalised			
Closing Balance			
Other Capital works			
	FY 2013-14	FY 2014-15	FY 2015-16
Opening Balance	The Scheme Wise Capital Investment Plan (Ongoing and Proposed Schemes) is provided in Annexure 4 to the Petition		
Add: New Investment			
(i) Base Capital Expenditure			
(ii) Interest During Construction			
(iii) Establishment expenses			
Less: Investment Capitalised			
Closing Balance			

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.					
Statement of Assets Not in Use					Form No: F17
All figures in Rs Crores					
	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					

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.						
Investments in Non business related activities						Form No: F17
All figures in Rs Crores						
Sl.No.	Description of investment	Balance at the beginning of the year	Further Investments during the year	Investments realised during the year	Balance at the end of the year	Remarks
NIL						
*Note:- Information to be provided for Previous Year, Current Year & Ensuing Year						


  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.

Current Assets & Liabilities

Form No: F18

Sl.No.	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Audited	Provisional Accounts	Revised Estimates	ARR
<b>A</b>	<b>Current Assets, Loans and Advances</b>	<p>The Hon'ble Commission in the True up Order for FY 2007-08 dated 21st May, 2013 and in the Suo-motu Order for FY 2013-14 dated 31st May, 2013 incorporating the true ups for FY 2008-09, 2009-10 and 2010-11 had adopted a normative tariff approach towards capital structure. This principle was followed in the Tariff Order for FY 2014-15 dated 01.10.2014 as well wherein the Final True up for FY 2011-12 was also determined. This entailed that regulatory balances towards equity, GFA, accumulated depreciation, loans, etc would be different from financial statements. Hence, Forms S2, S3 and F18 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 F18.</p>			
	Stores & Spares				
	Sundry Debtors				
	Cash and Bank Balances				
	Other Current Assets				
	Loans & Advances				
	Inter Unit Transfers				
<b>B</b>	<b>Current Liabilities and Provisions</b>				
	Current Liabilities				
	Provisions				
<b>C</b>	<b>NET CURRENT ASSETS (= A - B)</b>				

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.					
Non-tariff income				Form No:F19	
Sl.No.	Particulars	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
		Audited	Provisional Accounts	Revised Estimates	ARR
1	Share of Income from the other businesses of the transmission Licensee				
2	Interest on loan to Staff				
3	Income from Investments				
4	Revenue from surcharges for late payment				
5	Any other Income				
	<b>Total Non-Tariff Income</b>	<b>20.74</b>	<b>22.58</b>	<b>24.31</b>	<b>25.31</b>

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.

Annual Revenue Requirement: FY 2015-16

T-1

Capital Formation During FY 2012-13


Rs crore	Balance 01-Apr-13	Invest-ments	Cap interest	Cap expenses	To GFA	Depreciation	Balance 31-Mar-14
Gross Fixed Assets	8644.28				1168.38		9,812.67
Accumulated Depreciation	3633.68					485.6	4,119.25
Work in Progress	5292.58	1185.48	325.35	86.20	(1,269.68)		5,619.92

Capital Formation During FY 2013-14

Rs crore	Balance 01-Apr-14	Invest-ments	Cap interest	Cap expenses	To GFA	Depreciation	Balance 31-Mar-15
Gross Fixed Assets	9812.67				1993.67		11,806.34
Accumulated Depreciation	4119.25					568.9	4,688.12
Work in Progress	5619.92	1900.00	354.16	100.62	(1,993.67)		5,981.02

Capital Formation During FY 2014-15

Rs crore	Balance 01-Apr-15	Invest-ments	Cap interest	Cap expenses	To GFA	Depreciation	Balance 31-Mar-16
Gross Fixed Assets	11806.34				2835.53		14,641.88
Accumulated Depreciation	4688.12					695.9	5,384.06
Work in Progress	5981.02	4800.00	449.26	111.85	(2,835.53)		8,506.60

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow





<b>Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.</b>							
<b>Transmission Losses (For Transmission Licensee)</b>		<b>Form No:P1</b>					
S.No.	Details	Energy (MU)					
		2012-13	2013-14	2014-15	2015-16		
<b>A</b>	<b>Losses in 400 KV system</b>	<p>A separate study will be conducted , by engaging an outside consultant for computing voltage wise losses, as the same is not available in current system.</p>					
1	Total Energy delivered by Generating Stations and Inter State/Intra State tie-links at the interface points of the Intra State Transmission system						
2	Energy Delivered to next (Lower) Voltage level of the Transmission System						
3	Sum of all the energy delivered at this voltage level to the State Distribution System						
4	Transmission loss in system (A1-A2-A3)						
5	Transmission loss in (Transco) system (%) $\{A4/A1\} \times 100$						
<b>B</b>	<b>Losses in 220 KV system</b>	<p>A separate study will be conducted , by engaging an outside consultant for computing voltage wise losses, as the same is not available in current system.</p>					
1	Total Energy delivered by Generating Stations and Inter State/Intra State tie-links at the interface points of the Intra State Transmission system						
2	Energy Delivered to next (Lower) Voltage level						
3	Sum of all the energy delivered at this voltage level to the State Distribution System						
4	Transmission loss in system (B1-B2-B3)						
5	Transmission loss in (Transco) system (%) $\{B4/B1\} \times 100$						
<b>C</b>	<b>Loss Calculation at 132 KV</b>	<p>A separate study will be conducted , by engaging an outside consultant for computing voltage wise losses, as the same is not available in current system.</p>					
1	Total Energy delivered by Generating Stations and Inter State/Intra State tie-links at the interface points of the Intra State Transmission system						
2	Energy Delivered to next (Lower) Voltage level						
3	Sum of all the energy delivered at this voltage level to the State Distribution System						
4	Transmission loss in system (C1-C2-C3)						
5	Transmission loss in (Transco) system (%) $\{C4/C1\} \times 100$						
<b>D</b>	<b>Total Losses in the Transmission system</b>	<p>A separate study will be conducted , by engaging an outside consultant for computing voltage wise losses, as the same is not available in current system.</p>					
1	Total Energy delivered by Generating Stations and Inter State tie-links at the interface points of the Intra State Transmission system						
2	Sum of all the energy delivered by the Transmission system in to the State Distribution System						
3	Transmission loss in system (D1-D2)						
4	Transmission loss in (Transco) system (%) $\{D3/D1\} \times 100$						

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.

Energy Delivered by Transmission Licensee to the distribution Distribution Licensees/ Bulk consumers at interface points											Form No:P2
Voltage level	Name of Sub-Station	Distribution Licensee / Bulk Consumer in FY 2013-14									Total Energy delivered MUs
		DVVNL MUs	MVVNL MUs	Pa.VVNL MUs	Pu.VVNL MU	NPCL MU	KESCO MU	Others MU			
1	2	3	4	5	6	7	8	9	10		
220 KV	i										
	ii										
	iii										
132 kV	i										
	ii										
	iii										
66 kV (if any)	i										
	ii										
	iii										
33 kV	i										
	ii										
	iii										
Total for all voltages		18,421	14,253	24,099	16,929	Incl. in Pa.VVNL	3,884			77,586	

Voltage level	Name of Sub-Station	Distribution Licensee / Bulk Consumer in FY 2014-15 (Upto June 2014)										Total Energy delivered
		DVVNL MU's	MVVNL MU's	Pa.VVNL MU's	Pa.VVNL MU	NPCL MU	KESCO MU	Others MU				
1 220 KV	2	3	4	5	6	7	8	9				
	i											
	ii											
132 kV	iii											
	i											
	ii											
66 kV (if any)	iii											
	i											
	ii											
33 kV	iii											
	i											
	ii											
	iii											
Total for all voltages		5,002	4,235	7,400	4,918	Incl. in Pa.VVNL	1,073			22,628		

Note: The data made available by SLDC is on overall basis, and voltage wise data is not available with SLDC.

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Lucknow

Name of Transmission licensee: U.P. Power Transmission Corporation Ltd.

Details of Electrical Accidents

Form No:P3

Type of Accident	No. of Accidents					
	2013-14			2014-15 (UP TO SEP-14)		
	Fatal	Non Fatal	Total	Fatal	Non Fatal	Total
Human	0	1	1	0	1	1
Animal	1	0	1	1	0	1
Total	1	1	2	1	1	2

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



Name of the Transmission Licensee: U.P. Power Transmission Corporation Ltd.

Abstract of Outages due to feeder tripping

Form No:P4

S.No.	Detail	2013-14			2014-15 (upto Sep-14)		
		No. of feeders	No. of trippings	Total Duration of Trippings	Average duration of interruption per feeder	No. of feeders	No. of trippings
1	Feeder voltage Level (765 KV)	2	0	0	0	2	0
2	Feeder voltage Level (400 KV)	64	700	2140	33	49	322
3	Feeder voltage Level (220 KV)	229	1346	1852	8	211	795
4	Feeder voltage Level (132 KV)	644	3578	3400	5	689	1819
							2482
							159
							9
							4

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.  
Major System Disturbances

Form No: P5

S.No.	Disturbances	Preceding year (FY 2013-14)		Current year (FY 2014-15) upto Sep 2014	
		Number	Total Duration (Hrs.)	Number	Total Duration (Hrs.)
<b>A</b>	<b>Disturbances when DISCOM supply has been effected for more than 1 hr.</b>				
1	Due to 400 kV transformer failures	8	10	5	57
2	Due to 400 kV transmission line outage	3	5	5	4
3	Due to 400 kV sub-station equipment (CT, CVT etc.) failure	0	0	5	4
4	Due to 220 kV transformer failure	20	298	29	117
5	Due to 220 kV transmission line failure	67	280	41	100
6	Due to 220 kV sub-station equipment (CT, CVT etc.) failure	13	68	8	99
7	Due to 132 kV transformer failure	39	894	61	632
8	Due to 132 kV transmission line failure	414	849	396	1062
9	Due to 132 kV sub-station equipment (CT, CVT etc.) failure	55	223	25	112
<b>B</b>	<b>Estimated unserved energy due to such interruptions</b>		19944		55382
<b>C</b>	<b>Other Transmission disturbances when DISCOM supply has got effected</b>	16	25	2	8
i					
ii					
iii					
iv					
v					
vi					

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.

Frequency Variation

Form No:P6

Sl.no.	Frequency	2013-14		2014-15 (upto Sep 2014)	
		No. of Hours	As percentage of total hours in the year (%)	No. of Hours	As percentage of total hours in the year (%)
	Above 50.2 Hz	996	11.37%	732	16.70%
	50.2 - 49.5 Hz	7761	88.60%	2209	50.45%
	Below 49.5 Hz	5	0.06%	1428	32.60%

Note: Data made available by SLDC is only in the above frequency bands.

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.											Form No:P7	
Voltage Division												
Name of Sub-station	Transformation Capacity	Reactive Compensation provided	2013-14					2014-15				
			Time during which voltage in an year					Time during which voltage in an year				
			More than upper Limit	Between upper & lower limit	Less than lower limit	Hours	%age	More than upper Limit	Between upper & lower limit	Less than lower limit	Hours	%age
765 kV level												
765 kv S/S Unnao	2x1000 MVA	180 MVAR	Nil	Nil	Nil	Nil	Nil	Nil	50%	50%	50%	
400 kV level												
Sarainagar	2x240 MVA	50MVAR	1.52	2.24	66.38	97.78	-	315.00	7.70	4077.00	92.82	Nil
Unnao	2x315 MVA	3x50 MVAR	26.00	0.29	8734.00	99.70	Nil	0%	2190	2%	6570	75%
		2x63 MVAR										
		2x31.5										
Bareilly	2x315MVA	62MVAR	845	0.65	7915	90.35	0	850.00	9.70	7910.00	90.30	0.00
400 kv Sultanpur		2x31.5										
400 kv Faizabad			24	0.27	8736	99.72	Nil	46	1.07	4250	98.92	-
Agra	2x315+500	2x31.5	560	6.39	8200	93.6	Nil	6	5.7	8263	94.3	-
Pilib	2x240	2.5	2	0.02	3053	45.13		3	0.68	4389	99.99	-
400 KV Azamgarh	2x315 MVA	2x31.5	3903.00	44.55	4457.00	55.45	Nil	474.00	10.97	3846.00	89.03	Nil
400 KV Kasra Mau	2x200 MVA	2x31.5	3640.00	41.55	5120.00	58.45	Nil	1756.00	40.00	2836.00	60.00	Nil
400 KV Srirath	(315+240) MVA	663.00	7.57	8097.00	92.43	Nil	Nil	20	0.45	4372	99.54	Nil
400 KV Gorakhpur	1x315	2x31.5 MVAR	Nil	Nil	Nil	Nil	Nil	Nil	50%	Nil	50%	Nil
400 KV Gorakhpur	1x240	63.00	72	2460	28	Nil	Nil	Nil	50%	Nil	50%	Nil
400 KV Muzaffarnagar	3x315	126 (31.5 X 3)	567.00	6.60	8025.00	93.40		76	1.4	4318	99%	Nil
400KV S/S Muradnagar	315	171.2			8760.00	100		62.00	0.01	1349	99.99	Nil
400KV S/S Muradnagar	315	171.2			8760.00	100		63.00	0%	4347	99.99	Nil
400KV S/S Muradnagar	315	171.2			8760.00	100		76	1.4	4318	99%	Nil
400 kv Gr. Noida	3x315		56.00	0.64	8704.00	99.36		20.00	0%	4370	99.78	Nil
400kv S/S MBD	2x315							62.00	0.01	4349	99.99	Nil
220 kV Level												
Sarainagar	2X100+1x160M	-	0.00	0.00	87.60	100.00	0.00	438	5%	8322	95%	Nil
Unnao	2X100	Nil	Nil	0%	8760.00	100	Nil	438	5%	8322	95%	Nil
Haridwar	1X100 MVA	Nil	Nil	Nil	5035.00	57.70	3705.00	438	5%	8322	95%	Nil
Shahbhanpur	260 MVA	-	700	7.9	7600	86	160	Nil	Nil	8760.00	100.00	Nil
C.R. Gani	2x160 MVA	2x40 MVAR	136.00	1.78	8457.00	96.54	147.00	66.00	1.50	4272.00	97.37	1.33
Dohua	2x100											
Shahbhanpur	260 MVA	No	Nil	Nil	8760.00	100.00	Nil	Nil				
Baran	160+150 MVA		Nil									
Chitab	2x160, 2x40	20MVAR	-	-	87.52	100.00	5.00	438	5%	8322	95%	Nil
Gautigar	2x60	30MVAR			88	100	-	438	5%	8322	95%	Nil
Haridwar	2x160, 2x40	10 MVAR	3.00	0.03	8755.00	99.94	3.00	438	5%	8322	95%	Nil
Shapur	2x100 MVA	40 MVAR	1245.00	14.38	7090.00	80.94	425.00	438	5%	8322	95%	Nil
	2x40											

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shahdahanpur Fyhn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.		Name of Sub-station		Transformation Capacity		Reactive Compensation provided		2013-14				2014-15				Form No:177	
Name of Sub-station		Transformation Capacity		Reactive Compensation provided		Time during which voltage in an year				Time during which voltage in an year				Less than lower limit			
						More than upper Limit		Between upper & lower limit		More than upper Limit		Between upper & lower limit					
Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age		
220 kv S25thampur	48.00	55%	8712.00	99.55	NIL	NIL	1.00	0.02%	4760.00	99.11%	35.00	0.8%					
220kv Gonda	NIL	NIL	8712.00	100.00	NIL	NIL	-	-	8640.00	98.00	176.00	2.00					
220kv Ferozabad	NIL	NIL	8540.00	98.80	100.00	0.01	-	-	8590.00	98.00	66.00	1.00					
2x100+160	51	0.92	9640	10.96	50	0.57	83	0.95	965	11.02	52	0.59					
2x160	82	0.94	975	11.13	48	0.53	81	0.92	980	10.96	50	0.56					
2x160 & 63+40	83	0.95	965	11.02	52	0.59	80	0.91	960	10.96	51	0.58					
2x160+160+100	87	0.99	980	11.19	46	0.53	-	-	4392	100	-	-					
2x100+2x63	82	0.94	970	11.07	51	0.58	-	-	4392	100	-	-					
2x100+2x40	79	0.90	948	10.82	48	0.53	-	-	4392	100	-	-					
2x10	81	0.92	960	10.96	49	0.56	75	0.83	950	10.92	43	0.41					
2x160+2x40	83	0.95	950	10.84	50	0.57	-	-	8785	100	-	-					
220 kv Azamgarh	2x160 MVA		8760.00	100.00			-	-	8760.00	100.00							
220 kv Jaunpur	2x160 MVA	12.00	0.13	8576.00	97.90	172.00	1.96	0.00	8127.00	99.83	0.18	1.06					
220 kv Srirath	2x160 MVA	NIL	NIL	8576.00	100	NIL	NIL	20	0.45	4372	99.44	NIL	NIL				
220 kv Ghazibad	100-160 MVA	212.00	2.42	8548.00	97.58	NIL	NIL	49	1.11	8561	99.61	90	2.04				
220 kv Ghazibad	12x100 MVA					0.60	0.13	4362.00	99.30	21.00	0.54						
10MVAR	320MVA	4	0.04	8734	99.33%	3	0.02%	5	0.1138	4372	99.54%	15	0.34%				
10MVAR	320MVA	5	0.05	8753	99.93%	3	0.03%	4	0.09	4365	99.59%	21	0.48%				
220 kv Prayagrah	200MVA					No Load											
220 kv Rewa Rd	480 MVA	-	-	8760	100	-	-	-	-	4392	100	-	-				
220 kv G24th. Abid.	320 MVA	-	-	8743	99.8	17	0.19	-	-	4392	100	-	-				
220 kv F24thampur	423 MVA	NIL	-	-	-	-	-	-	-	4392	100	-	-				
220 kv S/S Salunpuri	3x160MVA	3.40	0.04%	8752.30	99.91	4.30	0.05	6.20	0.14%	4357	99.73%	4.40	0.11%				
220 kv S/S Mirzapur	2x100MVA									340	100%						
220 kv Robertseali	160MVA									4368	100%						
220 kv G24 (New)	3x60	1080	13.40	7680	87.6	***	***	***	***	8760	100	***	***				
220 kv Barhwa	***	***	***	8760	100	***	***	***	***	***	***	***	***				
220 kv Basri	***	***	***	8760	100	***	***	***	***	***	***	***	***				
220 kv Deoria	2x100	***	***	8760	100	***	***	***	***	4392	100	***	***				
400 kv G24 Noida	2x160	***	***	8760.00	100	***	***	40.00	0.44	4361	99.56	NIL	NIL				
400 kv Muzaffarnagar	2x160	1668.00	19.4	8637.00	79.50	97	1.10	NIL	NIL	4100	93.6	339	6.4				
220 kv K24thampur	2x160	60.00		8530.00	97.35	23.0	2.62	NIL	NIL	3447	78.70	935	21.30				
220 kv J24thampur	160+100	60.00		8530.00	97.35	23.0	2.62	NIL	NIL	3447	78.70	935	21.30				
220 kv S24thampur	40.00			8530.00	97.35	23.0		NIL	NIL	4248	96.99	132	3.01				
220 kv S24thampur	2x160+1x60	200.00	2.60	8660.00	55.00	1390	39.40	NIL	NIL	4792	98.00	133	3.01				
220 kv Baraut	2x160			8630.00	98.00	130	2.60	NIL	NIL	4792	98.00	150	2.60				
220 kv N24thampur	2x160	40.00		8701.00	99.33	39	0.67	NIL	NIL	4353	99.38	54.00	0.62				
220 kv N24thampur	2x160	40.00		8745.00	77.00	201.5	23.00	438	5%	8322	95%	NIL	NIL				
220 kv N24thampur	160+100	40.00		8666.00	98.93	94	1.07	438	5%	8322	95%	NIL	NIL				
220 kv Belait	1x160			2009.00	80.00	500	20.00	438	5%	8322	95%	NIL	NIL				
220 kv S24thampur	2x160	1575.00	17.00	4920.00	56.00	231.5	27.00	750	17.12	8525	57.65	1105	25.23				
220 kv S24thampur	2x160	2145.00	24.00	4985.00	68.00	630	8.00	1100	25.11	3130	71.46	180	3.42				
220 kv S24thampur	2x160	1145.00	13.07	4725.00	53.94	2800	32.99	575	13.13	2738	62.5	1067	24.37				
220 kv S24thampur	320			8720.00	78.00	1026.00	11.30	NIL	NIL	4248	96.99	132	3.01				
220 kv S24thampur	320			8740.00	9%			0.11	NIL	4792	98.00	150	2.60				
220 kv S24thampur	300			8750.00	99.89	10	0.11	NIL	NIL	5136	100	NIL	NIL				
220 kv S24thampur	2x160+2x63+40			8760.00	100			NIL	NIL	5136	100	NIL	NIL				
220 kv S24thampur	2x160+2x40+63			8760.00	100			NIL	NIL	4256	97	136.00	3.10				
220 kv D24thampur	2x100			8760.00	100			NIL	NIL	4256	97	136.00	3.10				
220 kv S24thampur	100+160+2x60							NIL	NIL	4392	100	0.00	0.00				
220 kv R24thampur	100+2x60							NIL	NIL	4392	100						
220 kv S24thampur	100 MVA-I	0.00	0.00	8560.00	97.76	200	2.28	NIL	NIL	4216	96.00	176	4.00				
220 kv S24thampur	100 MVA-II	0.00	0.00	8560.00	97.76	200	2.28	NIL	NIL	4216	96.00	176	4.00				
220 kv S24thampur	160	0.00	0.00	8560.00	97.76	200	2.28	NIL	NIL	4216	96.00	176	4.00				



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.													Form No: P7	
Voltage: 132 kV														
Name of Sub-station	Transformation Capacity	Reactive Compensation provided	2013-14						2014-15					
			Time during which voltage in an year						Time during which voltage in an year					
			More than upper Limit		Between upper & lower limit		Less than lower limit		More than upper Limit		Between upper & lower limit		Less than lower limit	
Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	
220KV Sambhal	2x100		0.00	0.00	8016.00	91.50	744.00	8.50	NIL	4322	100	0.00	0.00	
220KV Ghatula	2x100		0.00	0.00	8440.00	96.46	310.00	3.54	4.38	5%	8322	95%	NIL	
220KV Noida	2x160		185.00	2.11	5745.00	65.58	2830	32.31	4.38	5%	8322	95%	NIL	
132 kV level														
Sarainagar	2x40MVA	40MVAR	0.00	0.00	87.60	100.00	0.00	0.00	NIL	8322	95%	4.38	5%	
Bariloi	80 MVA	NIL	NIL	NIL	8760.00	100	NIL	NIL	NIL	8322	95%	4.38	5%	
Sundli	40 MVA	NIL	NIL	NIL	8655.00	98.80	105.00	1.20	NIL	8322	95%	4.38	5%	
Bandeghau	32.5 MVA	NIL	NIL	NIL	8655.00	98.80	105.00	1.20	NIL	8322	95%	4.38	5%	
Kandau Road	80 MVA	NIL	NIL	NIL	8760.00	100	NIL	NIL	NIL	8322	95%	4.38	5%	
Sonik	80 MVA	NIL	NIL	NIL	8760.00	100	NIL	NIL	NIL	8322	95%	4.38	5%	
Bichapur	40 MVA	NIL	NIL	NIL	8760.00	100	NIL	NIL	NIL	8322	95%	4.38	5%	
Chakabanshi	20 MVA								NIL	8322	95%	4.38	5%	
SPN	160MVA	NO	NIL	NIL	8760.00	100.00	NIL	NIL	NIL	8760.00	100.00	NIL	NIL	
C.B. Gani	2x40 MVA								Cap Bank					
Barclik Tavn	2x40 MVA													
Dubua	2x40+1x20MVA	2x5 MVAR												
Pillibit	1x63+1x40	2x5MVAR	18.00	0.21	8731.00	99.67	11.00	0.12	18.00	0.21	8731.00	99.67	0.12	
Pearanpur	2x20MVA	2x5MVAR	15.00	0.17	8735.00	99.72	10.00	0.11	15.00	0.17	8735.00	99.72	0.11	
Barclik-II	1x40 MVA													
Faridpur	1x20 MVA													
Rithla	1x20 MVA													
TRT	2x40 + 1x63	30 MVAR	4.00	0.04	8754.00	99.93	2.00	0.02						
Neehi Park	3x40	20 MVAR	5.00	0.057	8751.000	99.89	4.000	0.045						
Martinsaveva	1x40 + 1x63	20 MVAR	7.00	0.07	8753.00	99.92	0.00	0.00						
SGPCI	3x40, 2x20	20 MVAR	3.00	0.034	8755.00	99.94	2.00	0.02						
Indoli Road	3x40	10 MVAR	7.00	0.07	8759.00	99.88	3.00	0.03						
Gomtinagar	3x40	20MVAR			8760	100								
Kumaramangar	2x20	10MVAR			8760	100								
NKN	2x40, 1x20	20MVAR			8760	100								
Barilanki	2x40, 1x10, 1x5	25MVAR			8760	100								
R.S. Ghat					8760	100								
134 KV S/S Lakhimpur	2x40 MVA	25 MVAR	3250.00	37.53	3470.00	39.61	2040.00	23.29						
136 KV S/S Dhanurabara	1x20 MVA		1740.00	20.00	4780.00	54.57	2240.00	25.57						
Palla	1x40+1x2.5	15 MVAR	1810.00	21.00	4800.00	54.79	2141.00	24.44						
XV. Mohanmudi	2x20 MVA		1710.00	19.75	3800.00	43.38	3250.00	37.10						
135 KV S/S Gola	1x20+1x40		1640.00	18.94	3550.00	40.87	3540.00	40.41						
133 KV S/S Sidhanti	2x20 MVA		1270.00	14.67	4900.00	54.79	2690.00	30.71						
132 KV S/S Sultampur			53.00	0.61	8707.00	98.39	NIL	NIL						
132KV Balraich			90.00	NIL	8620.00	NIL	50	NIL						
132KV Nimgaura			90.00	NIL	8690.00	NIL	70	NIL						
132 kv Tanda	2x40	10MVAR	NIL	NIL	8450.00	63.42	3160.00	36.58						
132 kv Sahawal	2x40		NIL	NIL	8210.00	95.02	420.00	4.98						
132 kv Akharpur	2x40		NIL	NIL	8430.00	63.42	3160.00	36.58						
132 kv Mirikpur	2x20		NIL	NIL	8640.00	100.00	NIL	NIL						
132 kv D. Naga	3x40	10MVAR	NIL	NIL	8640.00	100.00	NIL	NIL						
Gandhi	40x20	10MVAR	10	0.16	1620	24.54	330	25						
Ban	2x40	10x5	22	0.25	360	4.11	2100	0.02	23	0.26	345	3.54		
Pinhal	2x20	10	24	0.27	340	3.88	2100	0.02	28	0.32	310	3.51		
Sidhalad	63x40		22	0.25	340	3.88	0.00	0.00	27	0.31	338	3.86		
Hidhras	3x40	2x10	25	0.29	350	4.00	0.00	0.00	26	0.30	355	4.05		
Sagari	2x40	2x10	25	0.29	320	3.65	0.00	0.00	27	0.31	338	3.86		
Uncepur	1x40	10	28	0.32	300	3.42	0.00	0.00	19	0.12	320	3.65		

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.													Form No: P7	
Voltage Regulation														
Name of Sub-station	Transformation Capacity	Reactive Compensation provided	2013-14						2014-15					
			Time during which voltage in an year						Time during which voltage in an year					
			More than upper Limit		Between upper & lower limit		Less than lower limit		More than upper Limit		Between upper & lower limit		Less than lower limit	
Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	
Kasganj	2x40	5	27	0.31	338	3.86	0.00	0.00	25	0.29	320	3.65	-	-
Jaisar	40+20	10	26	0.30	370	4.22	0.00	0.00	27	0.31	338	3.86	-	-
Sikandaryan	2x10	2x10	22	0.25	350	4.00	0.00	0.00	22	0.25	340	3.88	2	0.02
Jeha	2x40	10	26	0.30	355	4.05	0.00	0.00	25	0.29	320	3.65	-	-
Gandhidwara	2x20	10	22	0.25	350	4.00	1.00	0.01	24	0.27	350	4.00	-	-
Gangri	2x40	2x10	23	0.26	370	4.22	0.00	0.00	22	0.25	340	3.88	2	0.02
Alkharh	2x20	10	25	0.29	300	3.42	0.00	0.00	26	0.30	370	4.22	-	-
Chaurapur	2x40	2x10	24	0.27	310	3.54	2.00	0.02	-	-	4392	100	-	-
Purhara	2x40	2x10	22	0.25	370	4.22	0.00	0.00	-	-	4392	100	-	-
Bilharwar	2x40	2x10	21	0.24	345	3.94	2.00	0.02	-	-	4392	100	-	-
Patelgarh	40+63	2x10	19	0.22	320	3.65	3.00	0.03	-	-	4392	100	-	-
Neelkanod	40+20	2x10	25	0.29	340	3.88	0.00	0.00	-	-	4392	100	-	-
Bilharwar	2x20	10	24	0.27	350	4.00	0.00	0.00	-	-	4392	100	-	-
Mahoba	2x40	2x10	22	0.25	340	3.77	0.00	0.00	21	0.23	320	3.65	-	-
Lalitpur	2x40+1x20	2x10	20	0.23	300	3.42	0.00	0.00	21	0.24	310	2.15	-	-
Mauranpur	2x20	10	25	0.29	315	3.60	0.00	0.00	23	0.25	310	2.15	-	-
Korai	2x40	10	23	0.26	370	4.22	3.00	0.03	-	-	8780	100	-	-
Jalun	2x20	10	27	0.31	360	4.14	0.00	0.00	25	0.25	370	4.22	-	-
ETC, AZM	25X40+13X20M		26.00	0.29	8734.00	99.71	-	-	95.00	2.16	4392.00	97.84	-	-
			3865.00	44.12	4895.00	55.88	-	-	1694.00	3857.00	2085.00	61.42	-	-
132 KV Surath	2x160 MVA		206.00	2.33	8761.00	95.440	193.100	2.20	40.00	0.78	4985.00	97.06	111	2.16
4x40 MVA			29.00	0.33	8731.00	99.66	NH	NH	35.00	0.79	4330.00	98.58	30.00	0.68
132 KV Mandmadith	(2X40)		48.00	0.55	8741.00	99.70	241.00	2.75	3.00	0.06	4690.00	100.00	NH	NH
132 KV Cantt.	(2X40 + 1x63)		45.00	0.97	8588.00	98.04	87.60	0.99	NH	NH	4392.00	100.00	NH	NH
132 KV Saranath	2x40 MVA		81.00	0.92	8582.00	97.97	97.00	1.11	3.00	0.06	4390.00	100.00	24.00	0.54
132 KV Gaidahar	2x40 MVA		13.70	0.18	8718.00	98.97	642.00	7.33	6.00	0.13	4392.00	99.50	1800.00	41.00
132 KV B.H.U.	1x40 MVA		NH	NH	NH	NH	NH	NH	NH	NH	24.00	0.54	1800.00	41.00
132 KV Rata Ka Talab	(40+63) MVA		46.00	0.53	8664.00	96.62	250.00	2.85	43.00	0.97	4340.00	91.90	45.00	1.02
132 KV Ghazipur	2x40 MVA		NH	NH	8760.00	100.00	NH	NH	45.00	1.02	4313.00	98.10	85.00	1.93
132 KV Zamania	2x40 MVA		NH	NH	8760.00	100.00	NH	NH	20.00	0.45	4320.00	93.36	NH	NH
132 KV Saidpur	2x40 MVA		NH	NH	8760.00	100.00	NH	NH	25.00	0.56	4300.00	91.90	NH	NH
132 KV Kundera	(1x40+ 1x20)		NH	NH	8760.00	100.00	NH	NH	25.00	0.56	4300.00	91.90	NH	NH
132 KV Kasimabad	2x20 MVA		NH	NH	8760.00	100.00	NH	NH	35.00	0.79	4315.00	98.24	NH	NH
132 KV S/S Day	1x40 MVA		NH	NH	NH	NH	NH	NH	1	2	4337	96.73	54	1.2
132 KV Tondia	60MVA	10MVAR	10.00	0.11%	8737	99.85	3.00	0.03%	NH	NH	4392	100%	NH	NH
132 KV Gyanpur	40MVA	NH	10.00	0.11	8734	99.82	6.00	0.07%	NH	NH	4392	100%	NH	NH
132 KV Soran	5 MVAR	5 MVAR	0	0	8759	99.99%	1.00	0.001%	NH	NH	4312	98.18%	80.00	1.8200%
132 KV Kunda	80MVA	10MVAR	208	2.37	8550	97.6%	3.00	0.022%	NH	NH	4327	99.57%	65.00	1.4800%
132 KV Lalaul	60MVA	10MVAR	150	1.71	8474	96.76%	136	1.55%	20	0.46	4332	98.61%	40	0.92%
132 KV Patti	40MVA	10MVAR	149	1.7	8240	93.95%	381	4.35%	3	0.07	4375	98.61%	11	0.33%
132 KV Pratapgarh	80MVA	10MVAR	36	0.41	8504	97.07%	220	2.51%	5	0.11	4342	98.86%	45	1.03%
132 KV Kaurihar	40MVA		-	-	-	-	-	-	Only 30MVA T.F.T. is charged on dated 20.08.2014					
132 KV Minto Park	160 MVA	-	840	9.6	7920	90%	-	-	140	0.32	4258	99.67	-	-
132 KV Shalokanath	40 MVA	-	-	-	8640	99%	120	1.36	-	-	4271	99.97	1	0.02
132 KV YPC	40 MVA	-	552	6.3	8232	93%	-	-	-	-	4271	99.97	1	0.02
132 KV Telaraul	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.40 MVA-1	40 MVA	-	24	0.27	8732	99.68	4	0.05%	1	0.02	4262	97	129	2.93%
3.63 MVA	63 MVA	-	24	0.27	8732	99.68	4	0.04%	1	0.02	4262	97	129	2.93%
132 KV Mahan	152.5	10 MVAR	-	-	8760	100	-	-	-	-	4392	100	-	-
132 KV Jabnabad	60	10 MVAR	-	-	8760	100	-	-	-	-	4392	100	-	-
132 KV Khara	60	NH	-	-	8760	100	-	-	-	-	4392	100	-	-
132 KV Srinoli	112.5	NH	22	0.34%	8608	98.20	125	1.45	-	-	4302	95.70	189	4.30
132 KV Munhampur	60	NH	28	0.33%	8656	98.47	105	1.20	-	-	4392	97.70	101	2.30
132 KV Nigauri	80	10 MVAR	-	-	8760	100	-	-	-	-	4392	98.54	64	1.46



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.														Form No: P7	
Name of Sub-station		Transformation Capacity		Reactive Compensation provided		Time during which voltage is in an year				Time during which voltage in an year					
						2013-14		2014-15		2014-15		2014-15			
						More than upper Limit	Less than lower limit	More than upper Limit	Less than lower limit	More than upper Limit	Less than lower limit	More than upper Limit	Less than lower limit		
		Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age		
132 KV Naini Complex 60 80 10 MVAR (63+40)MVA 2x20MVA 2x40MVA (40+20)MVA 2x20MVA 132/33 KV 132/															

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.															Form No: P7	
Vehicle Particulars																
Name of Sub-station	Transformation Capacity	Reactive Compensation provided	2013-14						2014-15							
			Time during which voltage in an year						Time during which voltage in an year							
			More than upper Limit		Between upper & lower limit		Less than lower limit		More than upper Limit		Between upper & lower limit		Less than lower limit			
Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	
220 KV Chauria	2X40		123.00	1.40	2675.00	30.54	5962	68.06	Nil	Nil	4248	96.99	132	3.01		
132 KV Medical College	2X40+1X20		690.00	7.88	6343.00	73.43	1636	18.68	Nil	Nil	4293	95.00	150	3.00		
132 KV Lohiya Nagar	2X40	10.00	579.00	6.61	4999.00	57.07	3182	36.32	415	9.47	2023	66.78	1040	33.74		
132 KV Raurai	2X20		223.00	2.55	6697.00	76.45	1840	21.00	212	4.85	3475	79.34	692	15.81		
132 KV Mayana	1X63+1X40		123.00	1.40	3516.00	40.14	5121	58.46	158	3.60	2475	56.51	1748	39.90		
132 KV Sandhana	1X63+1X40	10.00	273.00	3.12	5429.00	61.97	3058	34.91	225	5.14	2895	66.1	1260	28.77		

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.													Form No: P7			
Voltage: 132KV																
Name of Sub-station	Transformation Capacity	Reactive Compensation provided	2013-14						2014-15							
			Time during which voltage in an year			Time during which voltage in an year			Time during which voltage in an year			Time during which voltage in an year				
			More than upper Limit	Between upper & lower limit	Less than lower limit	More than upper Limit	Between upper & lower limit	Less than lower limit	More than upper Limit	Between upper & lower limit	Less than lower limit	More than upper Limit	Between upper & lower limit	Less than lower limit		
			Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age
132 KV Nagri Kithore	2x40		198.00	2.26	5999.00	68.48	2563	29.26	162	3.71	3238	73.92	980	22.37		
132 KV Parapur	2x40+1x63		383.00	4.37	5819.00	66.43	2558	29.20	295	6.74	3375	77.05	710	16.21		
132 KV Kankerkheda	63+40	10.00	373.00	4.26	4824.00	55.07	3363	40.67	275	6.28	3922	66.72	1183	27.00		
132 KV Salava	2x40		123.00	1.40	4719.00	53.87	3918	44.73	410	3.087	7649	111.7	25.51			
132 KV Chumalpur	63+40	20.00			6822.00	77.88	1938	22.12	Nil	Nil	8322	95%	438	5%		
132 KV Deebard	63+40	10.00			6998.00	79.89	1762	20.11	Nil	Nil	8322	95%	438	5%		
132 KV Ambala Road	2x40	10.00			6773.00	77.32	1987	22.68	Nil	Nil	8322	95%	438	5%		
132 KV Nikur	63+40	20.00			6899.00	78.76	1861	21.24	Nil	Nil	8322	95%	438	5%		
132 KV Gimgoh	2x40				6800.00	77.63	1960	22.37	Nil	Nil	8322	95%	438	5%		
132KV Sirtibadi	103	15.00	256.00	2.99	7990.00	93.34	314	3.67	212	4.35	3475	79.34	692	15.81		
132KV Hapur-II	120	5.00	350.00	4.09	7828.00	91.45	382	4.46	158	3.60	2475	56.51	1748	39.90		
132KV Dasana	80	5.00	362.00	4.23	8026.00	93.76	172	2.01	Nil	Nil	4248	96.99	132	3.01		
132KV Meerut Road Morla	100	15.00	214.00	1.45	8031.00	93.82	405	4.73	Nil	Nil	8322	95%	438	5%		
132KV Murehagan	143	10.00	254.00	2.97	8011.00	93.80	295	3.45	3011.00	93.80	431	4.92	98.00	88	2.00	
132KV Nivari Road	103				7921.00	98.93	85	1.06	Nil	Nil	4144	94.36	248	5.61		
132KV Modsteel	40				7960.00	99.30	56	0.70	Nil	Nil	4030	91.53	373	8.47		
132 KV S/S Meolan Nagar	125	15.00			8005.00	99.86	11	0.12	Nil	Nil	4071	92.69	321	7.31		
132 KV S/S Vasthali	103				8712.00	99.45	48	0.55	Nil	Nil	0	0.00	0	0.00		
132 KV B.S. Road Gzb	100	10.00			8750.00	99.89	10	0.10	Nil	Nil	4351	99.33	59	0.67		
132 KV IA Ghazibad	100	10.00			8703.00	99.35	570	6.65	Nil	Nil	4292	98.00	88	2.00		
132 KV DPH, Ghazibad	100				8750.00	99.89	10	0.10	Nil	Nil	4020	91.53	372	8.17		
132 KV Kanha Univm.	80	10.00			8640.00	98.63	120	1.37	Nil	Nil	4294	97.77	98	2.23		
132 KV Teela More.	80	10.00			6120.00	99.35	40	0.65	Nil	Nil	4351	99.33	58	0.66		
132 kv Sec-45	2x40				1225.00	99.59	5	0.41	Nil	Nil	4292	98.00	160	2.00		
132 kv Suvapur	2x40+20				8760.00	100			Nil	Nil	5136	100	Nil	0.00		
132 kv Bhawal	40+63				8760.00	100			Nil	Nil	5136	100	Nil	0.00		
132 kv Sec-62	3x40				8759.00	99.98			Nil	Nil	5136	100	Nil	0.00		
132 kv Sec-66	63 MVA+40				8759.00	99.98			3.00	0.34	4389	100	Nil	Nil		
220 kv R.C. Green	2x40MVA+63				8759.00	99.98			3.00	0.34	4389	100	Nil	Nil		
220 kv Dabri	2x40								Nil	Nil	4392	100	Nil	Nil		
133KV Sambhal	2x40+20		0.00	0.00	8016.00	91.50	749.00	8.50	0.00	0.00	4336	99	53.00	1.21		
133KV Chandauli	2x40+20		0.00	0.00	8016.00	91.50	744.00	8.50	0.00	0.00	4392	100	0.00	0.00		
133KV Bani	40+20		0.00	0.00	8016.00	91.50	744.00	8.50	0.00	0.00	4392	100	0.00	0.00		
Chalabari Kanth Road /Avas	80 + 80 + 40		0.00	0.00	8130.00	92.51	630.00	7.19	0.00	0.00	4025	91.64	367	8.36		
133KV Amroha	2x40+20		0.00	0.00	8500.00	97.03	260.00	2.97	Nil	Nil	0	0.00	0	0.00		
133KV Ghatula (220)	2x40		0.00	0.00	8500.00	97.03	260.00	2.97	Nil	Nil	0	0.00	0	0.00		
133KV Ghatula (132)	2x40+20		0.00	0.00	8384.00	98.70	376.00	4.29	Nil	Nil	4351	99.33	59	0.67		
133KV Sandagali	20+40		0.00	0.00	8680.00	99.20	60.00	0.69	Nil	Nil	4294	97.77	98	2.23		
133KV Binar	20+40		0.00	0.00	8680.00	99.20	60.00	0.69	Nil	Nil	4351	99.33	58	0.66		
220KV Nethaur	2x40+20		0.00	0.00	7842.00	99.00	18.00	0.22	Nil	Nil	4030	91.53	377	8.17		
133KV Chandpur	40+63		148.00	1.69	8384.00	97.79	275.00	3.21	Nil	Nil	4292	98.00	388	2.00		
133KV Tejpur	40+63		0.00	0.00	7838.00	99.00	22.00	0.28	Nil	Nil	4292	98.00	388	2.00		
133KV Nishibad	2x40		0.00	0.00	7815.00	99.00	45.00	0.57	Nil	Nil	0	0.00	0	0.00		
133KV Dhanpur	2x40		135.00	1.54	8383.00	97.98	24.10	0.274	Nil	Nil	4071	92.69	321	7.31		
133KV Khatpur	40+20		170.00	1.94	8180.00	93.40	25.08	0.286	Nil	Nil	4070	91.53	372	8.47		
133KV Chandak	2x40		0.00	0.00	7822.00	99.00	38.00	0.48	Nil	Nil	4144	94.36	248	5.64		
133KV Rampur	2x20		0.00	0.00	7826.00	99.00	34.00	0.43	Nil	Nil	4292	98.00	88	3.00		
132KV Biliapur	2x40+63		0.00	0.00	8737.00	99.00	28.00	0.26	0.00	0.00	4336	99.00	15.00	0.17		
132KV Bhakurdivara	2x40		0.00	0.00	8758.00	99.00	22.00	0.25	0.00	0.00	4336	99.00	20.00	0.22		
132KV Taula	20+40		0.00	0.00	8758.00	99.00	32.00	0.36	0.00	0.00	4336	99.00	20.00	0.22		

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.  
Licensee wise Load shedding carried out during the year

Form No:P8

S.No.	Particulars	DVVNL	MVVNL	Pa.VVNL	Pu.VVNL	KESCO	NPCL	Total
Load shedding during FY 2013-14 (In Hrs.)								
1	On SLDC's instructions							
a	To control excess drawal							13286.00
b	To control equipment damage							
c	Under force majeure conditions							
2	Due to maintenance or outage of own network							
3	Any other reason							
	Total load shedding for Preceding Year							13286.000
Load shedding during FY 2014-15, upto Sep 2014 (In Hrs.)								
1	On SLDC's instructions							
a	To control excess drawal							8967.00
b	To control equipment damage							
c	Under force majeure conditions							
2	Due to maintenance or outage of own network							
3	Any other reason							
	Total load shedding for Current Year							8967.000

DISCOM wise allocation of power is not yet available, in the absence of such allocation load shedding is not being computed DISCOM wise.

  
Director (Commercial)  
U.P. Trans. Power Corp. Limited  
State of U.P.

## Detailss of Overloaded Feeders

S.No.	Voltage Level	No. of feeders	Feeder length (ckt. Km.)	No. of feeders overloaded	Line length overloaded feeders (ckt. Km.)	% number of Overloaded feeders in Area	% length of overloaded feeders in Area
<b>2013-14</b>							
1	400 KV						
		30.00	3636.07	1.00	48.80	3.33%	1.34%
2	220 KV						
		166.00	8437.53	7.00	398.87	4.22%	4.73%
3	132 KV						
		524.00	13752.10	24.00	756.16	4.58%	5.50%
<b>2014-15</b>							
1	765 KV						
		2.00	1.00	0.00	0.00	0.00%	0.00%
2	400 KV						
		37.00	4592.55	1.00	48.80	2.70%	1.06%
3	220 KV						
		152.00	6609.32	11.00	890.64	7.24%	13.48%
4	132 KV						
		434.00	9871.58	25.00	652.11	5.76%	6.61%


Note:

Equipment considered as overloaded if carrying more than 110% of rated load for average 1 hour per day.

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



Name of the Transmission licensee: U.P. Power Transmission Corporation Ltd.										Form No. P-9
Details of over loaded Transformers										
Sl.No.	Rated Voltage	Rated Capacity	2013-14		2014-15					
			Actual Load on Transformer	% of Transformers over loaded	Rated Capacity	Actual Load on Transformer	% of Transformers over loaded	Rated Capacity	% of Transformers over loaded	
1	400/220/33 KV Transformer									
	Capacity									
	240 MVA T/F (TE)	346	393	13.58%	346	393			13.58%	
2	400/220 Transformer									
	Capacity									
3	220/132/33 KV Transformer									
	Capacity									
4	220/132 KV Transformer									
	Capacity									
5	132/33 KV Transformer									
	Capacity									
	1. 63 MVA (220 KV S/S Shamlil)	63	72	14.29%	63	70			11%	
	2. 40 MVA - I (220 KV S/S Shamlil)	40	48	20.00%	40	47			18%	
	3. 63 MVA (132 KV S/S Budhana)	63	70	11.11%	63	71			13%	
	4. 40 MVA (132 KV S/S Budhana)	40	45	12.50%	40	44			10%	
	5. 40 MVA - I (132 KV S/S Jhinhana)	40	48	20.00%	40	46			15%	
	6. 40 MVA - II (132 KV S/S Jhinhana)	40	48	20.00%	40	46			15%	
	7. 63 MVA (132 KV S/S Lalukheri)	63	70	11.11%	63	68			8%	
	8. 40 MVA (132 KV S/S Lalukheri)	40	45	12.50%	40	44			10%	
	11. 40 MVA - I (132 KV S/S Baghpat)	40	45	12.50%	40	44			10%	
	12. 40 MVA - II (132 KV S/S Baghpat)	40	45	12.50%	40	44			10%	
	40MVA T/F Handia	175	218	24.57%	175	200			14%	
	40MVA T/F Soran	175	184	5.14%	175	210			20%	
	40MVA at 132 KV S/S Mirzapur	40	45	12.50%	40	46			15%	
	40MVA-I at 132 KV S/S Robertsganj	40	43	7.50%	40	45			13%	
	20/87.5 (TS)	87.5	96	9.71%	87.5	98			12%	
	20/87.5 (TS)	87.5	96	9.71%	87.5	98			12%	
	40/175 (TS)				175	200			14%	



Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.					Form No:P10				
Failure of Transformers									
S.No.	Transformation ratio	2013-14		2014-15 (Upto Sep 2014)					
		Total No. of Transformers	No. of failures	Total Duration of failure (hrs.)	No. of Transformers	No. of failures	Total Duration of failure (hrs.)		
1	400/220/33 KV Transformers								
4	220/132KV Transformers								
	Capacity								
	1X160 MVA T/F (TC)	14	5	10.29	14	3	56.29		
	1X100 MVA T/F (TC)	11	2	5.28	11	2	5.28		
5	132/33KV Transformers								
	Capacity								
	40 MVA (TE)	120	2	589	117	1	960		
	20 MVA (TE)	63	1	13.37	67	0	0		
	1 X 40 MVA (TC)	88	41	19.07	89	20	62.46		
	1X20 MVA (TC)	34	13	3.1	41	4	19.24		
	40MVA (TW)	158	2	197.25	168	-	-		
	20MVA (TW)	32	1	0	24	1	240		
	20x35 (TS)	35	2	360	31	1	360		
	40x112 (TS)	112	1	206	115	NIL			
	ii 1 X 40 MVA (TC)	88	41	19.07	89	20	62.46		
	iii 1X20 MVA (TC)	34	13	3.1	41	4	19.24		

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



Name of Transmission Licensee: U.P. Power Transmission Corporation Ltd.			
Key Ratios			Form No: P11
S. No	Particulars	2013-14	2014-15
		Provisional	Estimated
<b>A</b>	<b>Financial &amp; Material Management</b>		
1	Annual capital expenditure/net book value		
2	Total Transmission cost/Energy Transmitted	0.19	0.18
3	Employee cost as a percentage of total cost	23%	23%
4	Operating expenses / Revenue from Transmission of power	0.46	0.28
5	Cost of capital invested (in Rs. Cr.)	53.33	83.73
6	Debt Service Coverage Ratio	-0.22	
7	Cost of total Stores Inventory/1000 Km of transmission lines	26.53	
9	Working Capital to Revenue from Transmission of power	0.33	0.18
<b>B</b>	<b>HR Management</b>		
1	Energy Transmitted (MU) per Employee	11	14
2	Total line length/employee (Km.)	4.03	5.11
3	Connected Load per Employee (MVA)	Not Applicable	Not Applicable
4	Transmission Income per Employee (in Rs. Cr.)	0.16	0.24
5	Training participation days per employee	Not Applicable	Not Applicable
<b>C</b>	<b>Operational Performance</b>		
<b>1</b>	<b>Unplanned outage/total outage (Fault breakdown / total outage)</b>		
a.	South Zone	16.46%	18.34%
b.	West Zone	16.46%	18.34%
c.	Central Zone	15.16%	19.50%
d.	East Zone	20.64%	19.50%
<b>2</b>	<b>Annual replacement rate of Transmission transformers (%): (Transmission Transformers replaced / Transformers in service)</b>		
a.	South Zone	3.14%	2.80%
b.	West Zone	3.14%	2.80%
c.	Central Zone	2.70%	3.80%
d.	East Zone	1.26%	0.41%

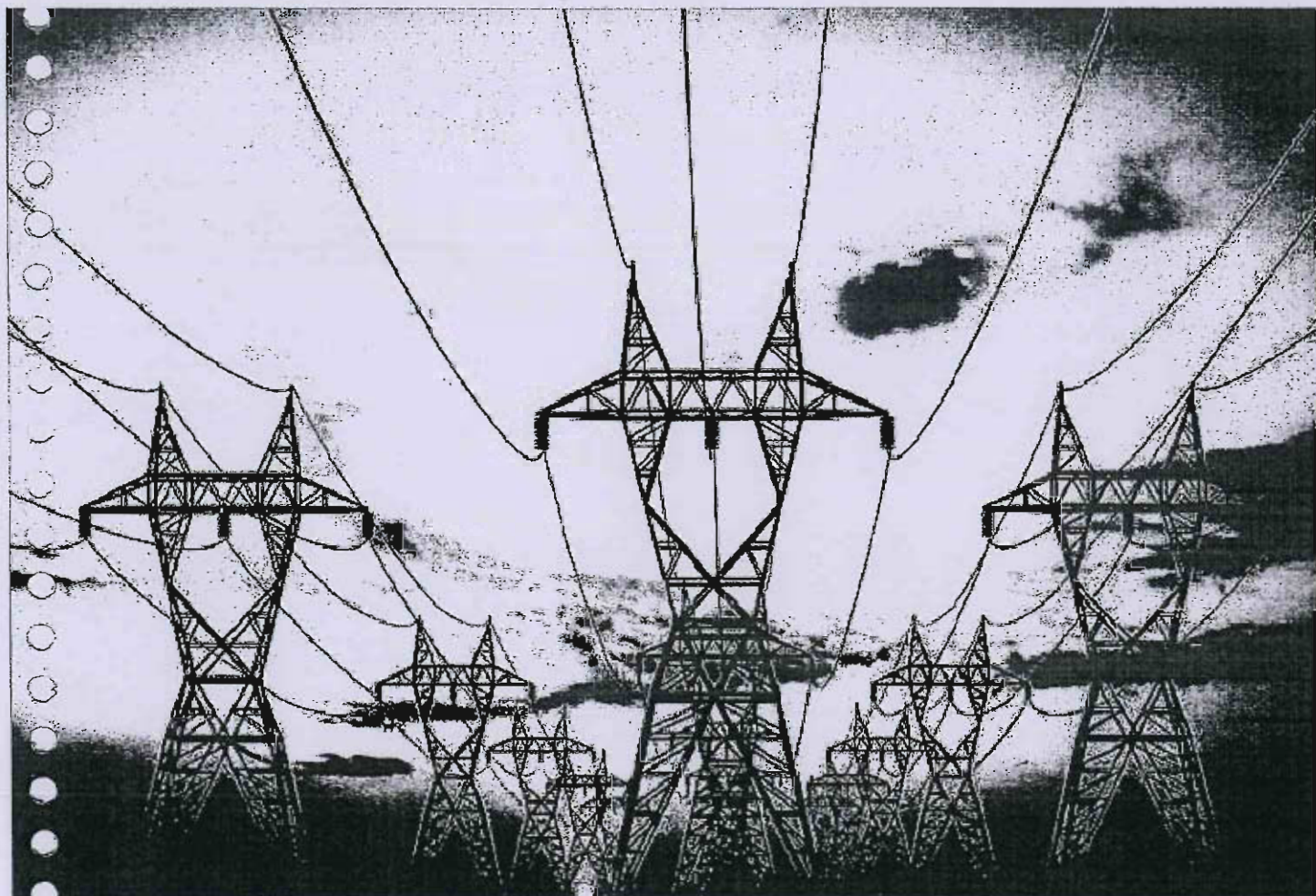
  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

## **Annexure-2**

**Statutory Audited Accounts for FY  
2012-13 along with CAG Report**



# UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED



**BALANCE SHEET AS AT 31.03.2013**

**&**

**PROFIT & LOSS STATEMENT FOR  
THE YEAR ENDED 31.03.2013**


Registered Office :- 14, Ashok Marg, Shakti Bhawan, Lucknow - 226001.

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

108

## INDEX

Sl. No.	Particulars	Page No.
1	Balance Sheet	1
2	Profit & Loss Statement	2
3	Notes (1-25)	3-17
4	Significant Accounting Policies - Note 26(A)	18-19
5	Notes on Accounts - Note 26(B)	20-24
6	Cash Flow Statement	25

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn, Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

**BALANCE SHEET AS AT 31st MARCH, 2013**

		(Amount in ₹)	
Particulars	Note No.	As at 31st March 2013	As at 31st March 2012
<b>I. EQUITY AND LIABILITIES</b>			
(1) Shareholders' funds			
(a) Share capital	1	45,755,100,000	4,335,500,000
(b) Reserves and surplus	2	(5,935,512,282)	(6,290,665,201)
(c) Money received against share warrants			
(2) Share application money pending allotment	3	6,670,000,000	40,089,600,000
(3) Non-current liabilities			
(a) Long-term borrowings	4	59,551,147,782	43,136,800,585
(b) Deferred Tax Liabilities (Net)			
(c) Other Long-Term Liabilities	5	2,589,783,517	2,653,320,695
(d) Long Term Provisions			
(4) Current liabilities			
(a) Short Term Borrowings	6		2,000,000,000
(b) Trade Payables			
(c) Other Current liabilities	7	33,242,621,523	29,439,696,573
(d) Short-Term Provisions			
<b>Total</b>		<b>141,873,140,540</b>	<b>115,364,252,652</b>
<b>II. ASSETS</b>			
(1) Non-current assets			
(a) Fixed assets			
(i) Tangible Assets	8	48,656,330,732	47,675,025,652
(ii) Intangible Assets	9	10,544,929	539,671
(iii) Capital Work-in-Progress	10	24,165,409,202	18,562,224,692
(iv) Intangible Assets under Development			
(b) Non-Current Investments			
(c) Deferred Tax Assets (Net)			
(d) Long-Term Loans and Advances	11	28,760,400,642	21,841,122,771
(e) Other Non-Current Assets			
(2) Current assets			
(a) Current Investments			
(b) Inventories (Stores & Spares)	12	7,278,181,112	6,418,518,932
(c) Trade Receivables	13	27,675,597,987	15,925,695,302
(d) Cash and Cash Equivalents	14	3,609,200,754	4,324,422,575
(e) Short-Term Loans and Advances	15	457,640,102	388,980,443
(f) Other Current Assets	16	1,259,835,080	227,722,614
Significant Accounting Policies	26(A)		
Notes on Accounts	26(B)		
Note 1 to 26(B) form Integral Part of Accounts			
<b>Total</b>		<b>141,873,140,540</b>	<b>115,364,252,652</b>

*Abha Sethi Tandon*  
(Abha Sethi Tandon)  
Company Secretary  
(Part Time)

*(Dr. Uma Kant Yadav)*  
(Dr. Uma Kant Yadav)  
Dy. General Manager  
(Accounts)

*(A.K. Gupta)*  
(A.K. Gupta)  
General Manager  
(Accounts)

*(S.K. Agarwal)*  
(S.K. Agarwal)  
Director (Finance)

*(Kamran Rizvi)*  
(Kamran Rizvi)  
(Chairman & Managing Director)

Subject to our report of *17 APR 2014*  
For RAJEEV NANDAN & CO.  
Chartered Accountants

(PAWAN KUMAR AGARWAL)  
PARTNER  
M.No. 073070  
Firm's Regn. No.: 003347C

PLACE: LUCKNOW  
DATE: 17 APR 2014

1 of 25

*(Signature)*  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

**STATEMENT OF PROFIT & LOSS FOR THE YEAR ENDED 31st MARCH 2013**

(Amount in ₹)

Particulars	Note No.	For the year ended 31st March 2013	For the year ended 31st March 2012
(I) Revenue from Operations (Gross)	17	13,087,774,944	9,438,141,224
(II) Other income	18	207,420,722	274,934,177
<b>(III) TOTAL REVENUE (I+II)</b>		<b>13,295,195,666</b>	<b>9,713,075,401</b>
<b>EXPENSES</b>			
1 Cost of Materials Consumed		-	-
2 Purchase of Stock-in-Trade		-	-
3 Changes in Inventories of Finished Goods, Works in Progress and Stock-in-Trade		-	-
4 Employee Benefits Expenses	19	2,698,362,929	2,281,908,006
5 Finance costs	20	4,308,618,648	2,407,921,838
6 Depreciation and Amortization Expenses	21	3,749,394,428	3,515,537,063
7 Other Expenses			
a) Administrative, General & Other Expenses	22	64,571,685	87,268,990
b) Repairs & Maintenance Expenses	23	1,431,365,493	1,187,962,527
c) Bad Debts & Provisions	24	-	421,045,040
<b>(IV) TOTAL EXPENSES</b>		<b>12,252,313,183</b>	<b>9,901,643,464</b>
V Profit/(Loss) before Prior Period Income/(Expenditure), Exceptional and Extraordinary Items and Tax (III-IV)		1,042,882,483	(188,568,063)
VI Prior Period Income/(Expenditure)	25	(813,458,439)	(338,256,003)
VII Exceptional Items		-	-
VIII Profit/(Loss) before Extraordinary Items and Tax (V-VI-VII)		229,424,044	(526,824,066)
IX Extraordinary Items		-	-
X Profit/(Loss) before Tax (VIII-IX)		229,424,044	(526,824,066)
XI Tax expenses:			
a) Current Tax		-	-
b) Deferred Tax		-	-
XII Profit/(Loss) for the Period from Continuing Operations (X-XI)		229,424,044	(526,824,066)
XIII Profit/(Loss) from Discontinuing Operations		-	-
XIV Tax Expense of Discontinuing Operations		-	-
XV Profit/(Loss) from Discontinuing Operations (After Tax) (XIII-XIV)		-	-
XVI Profit/(Loss) for the Period (XII+XV)		229,424,044	(526,824,066)
<b>XVII Earnings per Equity Share:</b>			
(a) Basic EPS		8.05	(121.51)
(b) Diluted EPS		4.85	(12.40)
Significant Accounting Policies	26(A)		
Notes on Accounts	26(B)		
Note 1 to 26(B) form Integral Part of Accounts			

*Akha Sethi Tandon*  
(Akha Sethi Tandon)  
Company Secretary  
(Part Time)

*Dr. Uma Kant Yadav*  
(Dr. Uma Kant Yadav)  
Dy. General Manager  
(Accounts)

*(A.K. Gupta)*  
(A.K. Gupta)  
General Manager  
(Accounts)

*(S.K. Agarwal)*  
(S.K. Agarwal)  
Director (Finance)

*(Kamran Rizvi)*  
(Kamran Rizvi)  
(Chairman & Managing Director)

Subject to our report of even date

For RAJEEV NANDAN & CO.  
Chartered Accountants

(PAWAN KUMAR AGARWAL)  
PARTNER  
M.No. 073070  
Firm's Regn. No.: 003347

PLACE: LUCKNOW  
DATE:

**17 APR 2014**

2 of 25

*(Signature)*  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

**NOTES FORMING PART OF FINANCIAL STATEMENTS**

(Amount in ₹)

Particulars	As at 31.03.2013	As at 31.03.2012
<b>NOTE '1' - SHARE CAPITAL</b>		
<b>(A) Authorised Capital</b>		
100000000 Equity Shares of par value ₹ 1000 each	100,000,000,000	100,000,000,000
(Previous year 100000000 Equity share of par value ₹ 1000 each)		
<b>(B) Issued, Subscribed and Paid-up Capital</b>		
45755100 Equity Shares of par value ₹ 1000 each issued for cash	45,755,100,000	4,335,500,000
(Previous year 4335500 Equity Shares of par value ₹ 1000 each)		
<b>Total</b>	<b>45,755,100,000</b>	<b>4,335,500,000</b>

**(A) Reconciliation of the number of shares and amount outstanding at the beginning and at the end of the reporting period:**

	As at 31.03.2013 No. of Shares	As at 31.03.2013 Amount	As at 31.03.2012 No. of Shares	As at 31.03.2012 Amount
Shares outstanding at the beginning of the year	4,335,500	4,335,500,000	4,335,500	4,335,500,000
Shares Issued during the year- Fresh Issue	41,419,600	41,419,600,000	-	-
Shares outstanding at the end of the year	45,755,100	45,755,100,000	4,335,500	4,335,500,000

**(B) Terms / Rights attached to Equity Shares**

- (i) The Company has only one class of Equity Shares having a par value of ₹ 1000/- per share.
- (ii) During the year ended 31st March 2013, the company has issued 41419600 shares.
- (iii) During the year ended 31st March 2013, no dividend has been declared by board due to heavy accumulated losses.

**(C) Details of shares held by each shareholder holding more than 5% shares:**

	As at 31.03.2013 No. of Shares	As at 31.03.2013 % Holding	As at 31.03.2012 No. of Shares	As at 31.03.2012 % Holding
<b>Name of Shareholder</b>				
Hon'ble Governor of Government of U.P.	23,621,748	51.63%	4,285,500	98.85%
Uttar Pradesh Power Corporation Ltd.	22,132,752	48.37%	-	-

*Shake Latha Pandey* 31/03/2013

*[Signature]*

**Director (Commercial)**  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2013	As at 31.03.2012
-------------	------------------	------------------

**NOTE '2' - RESERVES & SURPLUS**

**(a) Capital Reserve**

**Consumer Contribution towards Capital**

**Works**

Balance as per last Balance Sheet	3,370,083,372	2,282,435,054
Add: Addition during the year	305,428,309	1,218,920,406
Less: Deduction during the year	179,699,434	131,272,088
Closing Balance	3,495,812,247	3,370,083,372

**(b) Restructuring Reserve**

Balance as per last Balance Sheet	1,807,231,000	1,807,231,000
Add: Addition during the year		
Less: Deduction during the year		
Closing Balance	1,807,231,000	1,807,231,000

**(c) Surplus in Profit & Loss Statement**

Balance as per last Balance Sheet	(11,467,979,573)	(10,362,362,635)
Add : Accumulated loss pertaining prior to transfer scheme		(578,792,872)
Add : Trf. from Statement of Profit & Loss	229,424,044	(526,824,066)
Closing Balance	(11,238,555,529)	(11,467,979,573)

<b>Total</b>	<b>(5,935,512,282)</b>	<b>(6,290,665,201)</b>
--------------	------------------------	------------------------

**NOTE '3' - SHARE APPLICATION MONEY**

Share Application Money pending for allotment	6,670,000,000	40,089,600,000
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<b>Total</b>	<b>6,670,000,000</b>	<b>40,089,600,000</b>
--------------	----------------------	-----------------------

**Reconciliation of Share Application Money**

Share Application Money as on 31.03.2012	Received during the year	Allotted during the year	Share Application Money as on 31.03.2013
40,089,600,000	8,000,000,000	41,419,600,000	6,670,000,000

Shree Sathi Chandan

33/03/2013

*[Signature]*

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**Director (Commercial)**  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2013	As at 31.03.2012
-------------	------------------	------------------

**NOTE '4' - LONG TERM BORROWINGS**

**Secured Loans**

**Term loans**

From Others

56,072,376,565

37,636,043,570

(Secured by exclusive charge on asset created under the PFC & REC Scheme)

**Unsecured Loans**

**Term loans**

From Government of U.P.

997,146,000

997,146,000

From Others

5,890,196,103

6,887,342,103

7,035,271,923

8,032,417,923

(All the above loans are guaranteed by Govt of U.P.)

**Sub-Total of Secured & Unsecured Loans**

62,959,718,668

45,668,461,493

Less: Current Maturity of Long Term Borrowings  
(Refer Annexure A)

3,408,570,886

2,531,660,908

**Total**

59,551,147,782

43,136,800,585

- 1) Detail of terms etc. of borrowings have been annexed with Annexure-A.  
2) Detail of default in debt servicing have been annexed with Annexure-B.

*Akha Kishore Pandey*

*30/03/2013*

*[Signature]*

*[Signature]*

*[Signature]*



*[Signature]*

**Director (Commercial)**  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-AASHOK MARG, SHAKTI BHAWAN, LUCKNOW.  
DISCLOSURES OF TERMS ETC. OF BORROWINGS AS REQUIRED IN SCHEDULE-VI

Annexure A to Note 4 (Amount in ₹)											
Loans	Security & Guarantee Details	Interest Rate	Repayment Terms	Balance as on 31.03.2012 (A)	* Current Maturity for Long term debt (F.Y. 11-12) (B)	Long term borrowing as on 31.03.2012 C= (A+B)	Loan received during the year (F.Y. 12-13) (D)	Loan repaid during the year (F.Y. 12-13) (E)	Balance as on 31.03.2013 F=(A+D-E)	* Current Maturity for Long term debt (F.Y. 12-13) (G)	Long term borrowing as on 31.03.2013 H=(F-G)
<b>(A) Secured</b>											
(i) Power Finance Corporation Ltd (Hypo)	Secured by hypothecation of Lines & Substations under the PFC scheme	8.75% to 13.25%	Forty to sixty equal quarterly installments.	14587240317	935335880	13851904437	3388477941	934601240	17041117018	1317327279	15723789739
(ii) Power Finance Corporation Ltd (BLO)	Secured by hypothecation of Lines & Substations under the PFC scheme	13.75%	Forty equal quarterly installments	48911538	48911538	0	0	48911538	0	0	0
(iii) Rural Electrification Corporation Ltd (Transmission)	Secured by hypothecation of Lines & Substations under the REC scheme	11% to 13%	One hundred twenty equal monthly installments	2299891715	201497511	22798394204	16232865343	201497511	39031259547	772571961	382356687586
			<b>Total (A)</b>	<b>37636043570</b>	<b>1185744929</b>	<b>36450298641</b>	<b>19621343284</b>	<b>1185010289</b>	<b>56072376555</b>	<b>208899240</b>	<b>53982477325</b>
<b>(B) Unsecured</b>											
(i) Power Finance Corporation Ltd (Govt Guarantee)	Guaranteed by Govt. of U.P.	8.75% to 13.25%	Forty equal quarterly installments	3478017698	584779168	2891238530	0	584779168	2891238532	569114211	2322124321
(ii) Rural Electrification Corporation Ltd (Reschedule)	Guaranteed by Govt. of U.P.	10.11%	One hundred eighty equal monthly installments (EMI)	652118153	93270586	558847587	0	93270586	558847587	102714789	456132798
(iii) Rural Electrification Corporation Ltd (Transmission)	Guaranteed by Govt. of U.P.	11% to 13%	One hundred twenty equal monthly installments	726103680	90762980	635340720	0	90762980	635340720	90762980	544577780
(iv) Rural Electrification Corporation Ltd (UPPCL)	Guaranteed by Govt. of U.P.	11% to 12.50%	One hundred twenty equal monthly installments	2093532392	288763128	1804769264	0	288763128	1804769264	288763128	1510006136
			<b>Total (i+ii+iii+iv)</b>	<b>6947771923</b>	<b>1057575822</b>	<b>5890196101</b>	<b>0</b>	<b>1057575820</b>	<b>5890196103</b>	<b>1051355068</b>	<b>4838841015</b>
(v) Govt of U.P.	Guaranteed by Govt. of U.P.	13.5% to 15.25%	Ten equal annually installments to thirty semi-annual installments	997146000	200840157	796305843	0	0	997146000	287318558	729829442
			<b>Total (v)</b>	<b>997146000</b>	<b>200840157</b>	<b>796305843</b>	<b>0</b>	<b>0</b>	<b>997146000</b>	<b>267316558</b>	<b>729829442</b>
(vi) National Capital Region Planning Board	Guaranteed by Govt. of U.P.	7%	Six to Eight equal annual installments	875000000	875000000	0	0	875000000	0	0	0
			<b>Total (vi)</b>	<b>875000000</b>	<b>875000000</b>	<b>0</b>	<b>0</b>	<b>875000000</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total (B)</b>	<b>8032417923</b>	<b>1349515979</b>	<b>6685601944</b>	<b>0</b>	<b>1145075820</b>	<b>6887342103</b>	<b>1316671646</b>	<b>5565670457</b>
<b>Grand Total (A + B)</b>				<b>45668461493</b>	<b>2531660908</b>	<b>43136800595</b>	<b>19621343284</b>	<b>2330086108</b>	<b>62959718668</b>	<b>3408570886</b>	<b>59531147792</b>





**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
**14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.**  
**DISCLOSURES OF DEFAULT IN DEBT SERVICING AS REQUIRED IN SCHEDULE-VI**

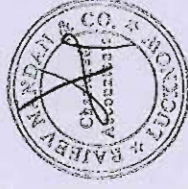
Annexure-B to Note 4  
 (Amount in ₹)

Loans	Repayment Terms			Default as on 31.03.2012			Default as on 31.03.2013		
	Date of Restructuring	Installments	Repayment Due from	Rate of Interest(%)	Principal	Interest	Principal Default w.e.f	Interest	Interest Default w.e.f
<b>Unsecured</b>									
(i) Govt of U.P.	2003-04	180 (monthly)	2010-11	13.5% to 15.25%	134363755	4653100960	200840157	4798530352	2007-08
<b>Total</b>					134363755	4653100960	200840157	4798530352	

*Shri Lethi Lalwani*

*31/03/2013*

*[Signature]*



*[Signature]*

**Director (Commercial)**  
**U.P. Trans Power Corp. Limited**  
**Shakti Bhawan Extn., Lucknow**

**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2013	As at 31.03.2012
-------------	------------------	------------------

**NOTE '5' - OTHER LONG-TERM LIABILITIES**

Interest accrued but not due on REC	2,589,783,517	2,653,320,695
<b>Total</b>	<b>2,589,783,517</b>	<b>2,653,320,695</b>

**NOTE '6' - SHORT-TERM BORROWINGS**

**Unsecured**

**Loans Repayable on Demand**

From Financial Institutions	2,000,000,000
-----------------------------	---------------

<b>Total</b>	<b>2,000,000,000</b>
--------------	----------------------

**Note-** Term loan of ₹ 2,000,000,000 from Power Finance Corporation is @13% interest and repayable in four installments.

Abha Sethi Pandey

31/03/2013

*[Signature]*

*[Signature]*

*[Signature]*



*[Signature]*

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2013	As at 31.03.2012
<b>NOTE '7' - OTHER CURRENT LIABILITIES</b>		
Current Maturities of Long-term Debt	3,408,570,886	2,531,660,908
<b>Interest accrued &amp; due on borrowings</b>		
Govt. of U.P.	4,798,530,352	4,653,100,960
REC	63,537,178	57,695,183
Interest accrued but not due on borrowings	616,802,764	452,647,932
Liability for Capital Supplies/Works	8,842,986,059	8,276,497,201
Liability for O & M Supplies/Works	585,401,775	526,906,705
Staff Related Liabilities	1,479,279,884	1,583,284,999
Deposit & Retentions from Suppliers & Others	3,788,977,440	2,531,834,268
Deposit for Electrification Works	7,109,842,770	5,900,877,593
<b>Inter-Corporation Balances</b>		
UPPCL	157,134,268	573,648,576
KESCO	23,840,420	18,469,745
Dakshinanchal VVNL	68,811,636	46,889,751
Madhyanchal VVNL	232,501,481	226,691,318
Paschimanchal VVNL	13,032,807	11,584,954
Poorvanchal VVNL	35,922,837	38,394,203
Inter-Unit Transfers		564,622,438
Sundry Liabilities	126,833,276	36,426,149
Liabilities for Expenses	45,180,326	68,485,809
<b>Liabilities towards UP Power Sector Employee Trust</b>		
Provident Fund Liabilities	811,457,362	615,516,097
Pension & Gratuity Liability	891,821,718	651,920,074
<b>Liabilities towards UPPCL CPF Trust</b>		
CPF Liability	142,143,576	72,529,002
<b>Balance with Government Authorities:</b>		
Fringe Benefit Tax - Provision	12,183,959	12,183,959
Less: Advance Tax	12,171,251	12,171,251
<b>Total</b>	<b>33,242,621,523</b>	<b>29,439,696,573</b>

Note:-Details of Current Maturity of Long Term Borrowings (Refer Annexure A) is annexed with Note No. 4

Shri Rishi Pandey 33/3/2013

*[Signature]*

*[Signature]*



*[Signature]*  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

**NOTE OF TANGIBLE ASSETS AS AT 31.03.2013**

NOTE - 08  
(Amount in ₹)

Particulars	GROSS BLOCK			DEPRECIATION AND AMORTISATION			NET CARRYING VALUE	
	As at 01.04.2012	Addition	Deduction/ Adjustment	As at 31.03.2013	As at 01.04.2012	Addition	Deduction/ Adjustment	Balance as at 31.03.2012
Land & Land Rights								
(i) Land Owned under full title	316,455,500	1,246,262	-	317,701,762	-	-	-	316,455,500
(ii) Land Owned under Lease	52,296,572	(51,764,518)	-	532,054	-	-	-	52,296,572
<b>Total (i+ii)</b>	<b>368,752,072</b>	<b>(50,518,256)</b>	<b>-</b>	<b>318,233,816</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>368,752,072</b>
Buildings	2,782,313,111	254,122,451	280,950	3,036,154,612	925,037,187	88,920,344	66,883	2,022,263,964
Other Civil Works	438,730,071	4,215,351	-	442,945,422	173,211,832	7,650,213	-	1,857,275,924
Plant & Machinery	44,028,103,591	3,872,445,912	967,674,311	46,932,875,192	15,622,540,943	2,173,089,408	326,863,702	265,518,239
Lines, Cables Network etc.	33,457,599,831	1,465,031,218	16,112,944	34,906,518,105	17,086,463,540	1,624,135,029	9,583,660	28,405,562,648
Vehicles	35,484,204	-	538,000	34,946,204	29,080,305	1,993,559	413,351	16,371,136,291
Furniture & Fixtures	14,444,610	1,120,957	46,595	15,518,972	6,798,561	937,027	43,189	6,403,899
Office Equipments	25,897,339	13,198,117	6,700	39,088,756	16,865,502	3,233,902	2,853	7,646,049
Other assets	700,019,530	3,457,826	-	703,477,356	316,320,837	34,183,152	-	9,031,837
<b>Total</b>	<b>81,851,344,359</b>	<b>5,563,073,576</b>	<b>984,659,500</b>	<b>86,429,758,435</b>	<b>34,176,318,707</b>	<b>3,934,082,634</b>	<b>336,373,638</b>	<b>47,675,025,652</b>
Previous Year	75,129,503,917	7,428,961,978	706,587,091	81,851,898,804	30,682,888,393	3,750,089,062	256,643,974	44,446,615,524

**NOTE OF INTANGIBLE ASSETS AS AT 31.03.2013**

NOTE - 09  
(Amount in ₹)

Particulars	GROSS BLOCK			DEPRECIATION AND AMORTISATION			NET CARRYING VALUE	
	As at 01.04.2012	Addition	Deduction/ Adjustment	As at 31.03.2013	As at 01.04.2012	Addition	Deduction/ Adjustment	Balance as at 31.03.2012
Intangible Asset Software	554,445	12,527,650	-	13,082,095	14,774	2,522,392	-	10,544,929
<b>Total</b>	<b>554,445</b>	<b>12,527,650</b>	<b>-</b>	<b>13,082,095</b>	<b>14,774</b>	<b>2,522,392</b>	<b>-</b>	<b>539,671</b>
Previous Year								

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

Note:- 1) Addition to Intangible assets includes ₹ 1,06,00,365 & Depreciation Reserve amounting to ₹ 8,04,072 related to previous year.  
2) Opening Balance and Depreciation Reserve of Office Equipments included in tangible assets have now been reclassified in current year.

*Asha Bhatia Pandey* 30/03/2013

10 of 25





UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2013	As at 31.03.2012
<b>Note '10' - Capital Work in Progress</b>		
Capital Work in Progress *	19,998,147,292	16,346,447,078
Revenue Expenses pending for Capitalisation upto Previous Year **	2,215,777,614	908,633,742
Add: Addition during the year	2,618,955,000	1,891,889,000
Less: Capitalisation during the year	667,470,704	584,745,128
<b>Total</b>	<b>24,165,409,202</b>	<b>18,562,224,692</b>

**Notes:-**

- \* It includes Establishment and Administration & General Cost
- \*\* It includes Borrowing Cost only related to works

**Note '11' - Long Term Loan & Advances**

Advances to Suppliers/Contractors	29,577,130,504	22,657,852,633
Less: Provision for Doubtful Advances against Capital Works	816,729,862	816,729,862
<b>Total</b>	<b>28,760,400,642</b>	<b>21,841,122,771</b>

Abha Sethi Pandey

31/03/2013

*[Signature]*

*[Signature]*



*[Signature]*  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2013	As at 31.03.2012
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**NOTE '12' - INVENTORY**

**Stores & Spares**

(a) Stock of Materials-Capital Works	7,197,521,925	6,243,007,505
(b) Stock of Materials-O&M	277,382,160	446,609,517
(c) Other Materials*	208,689,696	134,317,746
	7,683,593,781	6,823,934,768
<b>Sub Total</b>	<b>7,683,593,781</b>	<b>6,823,934,768</b>
Less: Provision for Obsolete /Unserviceable /Shortage/Loss of Stores	405,412,669	405,415,836
<b>Total</b>	<b>7,278,181,112</b>	<b>6,418,518,932</b>

Note(\*) -Other Material include material issued to fabricators, obsolete material, scrap, transformers sent for repair store, excess/ shortage pending for investigation and material in transit.

**NOTE '13' - TRADE RECEIVABLES**

**Unsecured, Considered Good**

a) Outstanding for a period exceeding six months from the date they are due for payment	21,539,557,981	11,566,047,933
b) Other Debts	6,136,040,006	4,359,647,369
<b>Total</b>	<b>27,675,597,987</b>	<b>15,925,695,302</b>

**Details of Trade Receivables :-**

Madh. V.V.N.L.	5,034,607,978	2,942,659,214
Pur. V.V.N.L.	6,074,487,050	3,523,140,003
Pash. V.V.N.L.	8,825,813,554	5,058,788,913
Daksh. V.V.N.L.	6,333,885,997	3,576,086,463
KESCO	1,245,264,045	745,603,557
Others	161,539,363	79,417,152
	27,675,597,987	15,925,695,302

**NOTE '14' - CASH AND CASH EQUIVALENTS**

(a) Cash in Hand (including Stamps in Hand)	638,205	550,271
(b) Balance with Banks		
In Current & Other Account	1,694,477,263	2,297,477,784
In Fixed Deposit Account	1,914,085,286	2,026,394,520
<b>Total</b>	<b>3,609,200,754</b>	<b>4,324,422,575</b>

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**Director (Commercial)**  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2013	As at 31.03.2012
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**NOTE '15' - SHORT TERM LOANS AND ADVANCES**

**Unsecured, Considered Good**

Advances to Employees (Adjustable/recoverable from salary)	2,787,468	2,516,052
Tax Deducted at Source	40,689,722	27,203,692
Advances to Suppliers/Contractors	454,080,767	399,178,554
Less: Provision for Doubtful loan & Advances	39,917,855	39,917,855
<b>Total</b>	<b>457,640,102</b>	<b>388,980,443</b>

**NOTE '16' - OTHER CURRENT ASSETS**

**Unsecured, Considered Good**

**Inter Corporation Balances :**

UPRVUNL	150,077,086	101,686,569
UPJVNL	3,434,784	3,279,804
	153,511,870	104,966,373

**Receivables :**

Employees	37,253,952	38,336,285
Others	124,353,338	116,359,340
<b>Total</b>	<b>161,607,290</b>	<b>154,695,625</b>
Less: Provision for Doubtful Receivables	32,263,833	32,263,833
	129,343,457	122,431,792

**Inter-Unit Transfers**

Interest accrued but not due on F.D.	975,337,722	-
Prepaid Expenses	249,548	237,882
Theft of Fixed Assets pending investigation	1,130,636	1,045,672
Less: Provision for Estimated Losses	1,130,636	1,045,672
	-	-

<b>Total</b>	<b>1,259,835,080</b>	<b>227,722,614</b>
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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	For the year ended 31.03.2013	For the year ended 31.03.2012
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**NOTE '17' - REVENUE FROM OPERATIONS**

**Sale of Services**

Transmission Charges	12,858,192,345	8,927,374,053
Open Access Charges	209,647,377	494,468,071
SLDC Charges	19,935,222	16,299,100

<b>Revenue from operations (Gross)</b>	<b>13,087,774,944</b>	<b>9,438,141,224</b>
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Less: Excise Duty/Service Tax Recovered

<b>Revenue from Operation (Net)</b>	<b>13,087,774,944</b>	<b>9,438,141,224</b>
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**NOTE '18' - OTHER INCOME**

**Interest Income on :**

Fixed Deposits	25,405,465	32,489,165
Loans to Staff	31,790	74,632
Others	5,996,636	746,962
	31,433,891	33,310,759

<b>Maintenance &amp; Shutdown Charges</b>	<b>98,200,961</b>	
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**Other Non-Operating Income**

Income from Contractors/Suppliers	61,152,088	201,587,515
Rental From Staff	728,953	535,061
Miscellaneous Receipts	15,904,829	39,182,438
Subsidies and Grants Received (against loss on account of flood, fire, cyclone etc.)		318,404

<b>Total</b>	<b>207,420,722</b>	<b>274,934,177</b>
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**NOTE '19' - EMPLOYEE BENEFIT EXPENSES**

Salaries & Allowances	1,502,269,489	1,697,584,662
Dearness Allowance	1,000,159,208	945,514,654
Bonus/ Ex-gratia	21,456,864	20,902,240
Other Allowances	107,427,233	128,197,817
Pension & Gratuity	389,337,546	431,486,752
Medical Expenses (Re-imbursement)	11,487,724	17,518,054
Leave Travel Assistance	17,468	1,401,470
Earned Leave Encashment	149,548,061	223,523,053
Compensation	2,463,754	574,551
Contribution to Provident & Other Funds	47,562,534	42,445,495
Expenditure on Trust	4,156,759	2,794,665
Staff Welfare Expenses	2,005,139	2,697,209
Common Expenditure (Charged by UPPCL)	211,716,355	

<b>Sub Total</b>	<b>3,449,608,134</b>	<b>3,514,640,622</b>
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Less: Expenses Capitalised	751,245,205	1,232,732,616
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<b>Total</b>	<b>2,698,362,929</b>	<b>2,281,908,006</b>
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Note:- In the previous year, common expenditure charged by the UPPCL amounting to ₹ 26.51 crores was included in the respective head of accounts relating to employee benefit expense. This year the common expenditure has been depicted separately for the purpose of separate disclosure.

*Shri Lethi Laddan*

*31/03/2013*

*24 of 25*

*Director (Commercial)*  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	For the year ended 31.03.2013	For the year ended 31.03.2012
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**NOTE '20' - FINANCE COSTS**

**(A) Interest expenses**

Long term loans

Government of UP	145,429,392	145,429,392
PFC	2,326,389,805	1,696,492,475
HUDCO		18,991,697
NCRPB	5,896,661	12,092,308
REC	4,420,207,670	2,398,747,101
	6,897,923,528	4,271,752,973

**(B) Other Borrowings Cost**

Guarantee Charges	29,232,343	27,702,492
Bank Charges	417,777	355,373

<b>Sub Total</b>	<b>6,927,573,648</b>	<b>4,299,810,838</b>
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Less: Interest Capitalised	2,618,955,000	1,891,889,000
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<b>Total</b>	<b>4,308,618,648</b>	<b>2,407,921,838</b>
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**NOTE '21' - DEPRECIATION & AMORTIZATION EXPENSES**

Depreciation on Fixed Assets :

Buildings	88,893,662	80,299,586
Other Civil Works	7,673,635	7,535,092
Plant & Machinery	2,159,862,660	1,954,853,189
Lines, Cable Network etc.	1,615,605,550	1,550,930,688
Vehicles	1,933,558	3,223,111
Furniture & Fixtures	937,027	872,231
Softwares	1,726,023	
Office Equipments	3,811,794	2,758,279
Other Assets	33,395,720	37,918,500
	3,913,839,629	3,638,390,636

Less: Amount amortised in the proportion in which the dep. has been charged on Assets acquired out of the Consumer's Contribution towards capital works	164,445,201	122,853,573
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<b>Total</b>	<b>3,749,394,428</b>	<b>3,515,537,063</b>
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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	For the year ended 31.03.2013	For the year ended 31.03.2012
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**NOTE '22' - ADMINISTRATIVE, GENERAL & OTHER EXPENSES**

Payment to Auditor		
(a) Audit fee	666,182	666,182
(b) Reimbursement of Out of Pocket Expenses	576,125	586,825
Advertisement Expenses	1,242,307	1,253,007
Communication Charges	8,815,243	13,360,172
Consultancy Charges	16,851,921	18,479,362
Electricity Expenses	119,207	661,094
Entertainment	8,418,024	5,186,440
Expenditure on Trust	7,500	290,522
Insurance	187,858	218,707
Legal Charges	300,728	260,905
Loss on theft of fixed assets	5,283,917	10,927,078
Miscellaneous Expenses	84,964	
Printing & Stationery	45,266,577	43,253,550
Rates & Taxes	6,719,074	6,544,193
Rent	5,411,715	31,130
Technical Fees & Professional Charges	1,554,571	1,752,239
Travelling & Conveyance	4,117,103	6,778,028
Water Charges	41,316,912	38,453,033
Common Expenditure(Charged by UPPCL)	2,578,824	27,707
	12,049,799	
<b>Sub Total</b>	<b>160,326,244</b>	<b>147,477,167</b>
Less: Expenses Capitalised	95,754,645	60,440,647
<b>Sub Total</b>	<b>64,571,599</b>	<b>87,036,520</b>
Compensation(Other than staff)		
Other losses	86	232,470
<b>Total</b>	<b>64,571,685</b>	<b>87,268,990</b>

Note:- In the previous year, common expenditure charged by the UPPCL amounting to ₹ 1.74 crores was included in the respective head of accounts relating to Administrative, General & Other expense. This year the common expenditure has been depicted separately for the purpose of separate disclosure.

**NOTE '23' - REPAIRS & MAINTENANCE EXPENSES**

Plant & Machinery	1,191,503,667	994,621,426
Buildings	56,111,488	45,305,747
Other Civil Works	1,396,683	86,850
Lines, Cables Networks etc.	179,746,167	147,528,003
Vehicles-Expenditure	46,522,176	40,636,988
Less: Transferred to Different Capital & O&M Works/Administrative Exp.	46,522,176	40,636,988
Furniture & Fixtures	65,020	10,243
Softwares	1,746,470	
Office Equipments	795,998	410,258
<b>Total</b>	<b>1,431,365,493</b>	<b>1,187,962,527</b>

*Shri Lethi Pandey 32/03/2013*

16 of 25

*[Signature]*  
**Director (Commercial)**  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	For the year ended 31.03.2013	For the year ended 31.03.2012
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**NOTE '24' - BAD DEBTS & PROVISIONS**

Doubtful advances(Suppliers/Contractor)	-	747,721
Doubtful other Current Assets(Receivables)	-	570,134
Doubtful advances against Capital works	-	419,727,185
<b>Total</b>		<b>421,045,040</b>

**NOTE '25' - NET PRIOR PERIOD INCOME  
(EXPENDITURE)**

**(a)Income**

Interest Income		2,259,625
Other Income	(783321972)	(150,258)
Other Excess Provisions	40,000	177,571,300
<b>Sub Total (A)</b>	<b>(783,281,972)</b>	<b>179,680,667</b>

**(b)Expenditure**

O&M Expenses	3,528,121	52,312,673
Employee Cost	6,543,401	6,700,400
Interest & Finance Charges	9,219,016	345,164,556
Administrative & General Exp	3,374,766	10,479,130
Depreciation under/excess provided	7,511,163	103,279,911
<b>Sub Total (B)</b>	<b>30,176,467</b>	<b>517,936,670</b>

<b>Net Amount (A-B)</b>	<b>(813,458,439)</b>	<b>(338,256,003)</b>
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*Abha Lathi Pandey*

*31/03/2013*

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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

# UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED

## NOTE NO. 26(A)

### SIGNIFICANT ACCOUNTING POLICIES

#### 1). GENERAL

(a) The financial statements are prepared in accordance with the provisions of the Companies Act, 1956. However where there is a deviation from the provisions of the Companies Act, 1956 in preparation of these accounts, the corresponding provisions of Electricity (Supply) (Annual Accounts) Rules 1985 have been adopted.

(b) The accounts are prepared on Historical Cost Convention, on accrual basis unless stated otherwise and on accounting assumption of going concern.

(c) Subsidy, Grant, Insurance and Other Claims, Refund of Custom duty, Interest on Income Tax & Trade Tax 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 historical cost less accumulated depreciation.

(b) All costs relating to the acquisition and installation of fixed assets, till the date of commissioning are capitalized.

(c) Consumer Contribution 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 case of commissioned assets, where final settlement of bills with the contractor is yet to be affected, capitalization is done, subject to necessary adjustment in the year of final settlement.

(e) Due to multiplicity of functional units as well as multiplicity of function at particular unit, employee cost and general & administration expenses are capitalized on the basis of amount of total expenditure of Capital works as follows:

In case of Capital Transmission works

- (i) @10% on 132 & 220 KV Substations and Lines.
- (ii) @8% on 400 KV Substations and Lines, and
- (iii) @6% on 765 KV Substations and Lines.

In case of deposit works @ 15% and in case of other Capital works @ 11%.

(f) Borrowings cost during construction stage of capital assets are apportioned on the average balance of capital work in progress for the year. The determination of amount of borrowing cost attributable to capital works are capitalized as per the computation method given in the Electricity (Supply) (Annual Accounts) Rules 1985.

#### 3). DEPRECIATION

(a) Depreciation is charged on Straight Line Method at the rates specified in Schedule XIV of the Companies Act 1956.

(b) Depreciation on additions to / deductions from fixed assets during the year is charged on Pro rata basis.

(c) The fixed assets are depreciated upto 95% of original cost.

*Abha Lata Laddan* 30/07/2019

18 of 25

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*[Signature]*

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





#### 4). STORES & SPARES

- (a) Stores & Spares are valued at cost.
- (b) Steel scrap is valued at realizable value and scrap other than steel is accounted for in the accounts as and when sold.
- (c) Any shortage/excess of material found during the year end are shown as "material short/excess pending investigation" till the finalization of investigation.

#### 5). REVENUE RECOGNITION

- (a) Transmission revenue is incorporated in the accounts on the basis of tariff approved by the UPERC for intra-state transmission of energy. Any difference in transmission tariff approved by UPERC and the actual tariff presented in the true-up on the basis of audited accounts is accounted for on the decision of the UPERC on true-up petition.
- (b) In case of Inter State transmission, revenue from transmission of energy /open access is recognized /accounted for on cash basis at the tariff approved by NRLDC.
- 6). All prior period income & expenditure are shown in the current period as a distinct item.

#### 7). EMPLOYEE BENEFITS

- (a) Liability for Pension and 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, medical benefits and LTC are accounted for on the basis of claims received and approved during the year.

#### 8). PROVISIONS, CONTINGENT LIABILITIES AND CONTINGENT ASSETS

- (a) Accounting of the Provisions has been made on the basis of estimated expenditure to the extent possible as may be required to settle the present obligation.
- (b) Contingent liabilities have been disclosed in the Notes on Accounts.
- (c) The Contingent assets of unrealisable income have not been recognised.

*Abha Sethi Tandon*  
(Abha Sethi Tandon)  
Company Secretary  
(Part Time)

*उमा कान्त यादव*  
(Dr. Uma Kant Yadav)  
Dy. General Manager  
(Accounts)

*(A.K. Gupta)*  
General Manager  
(Accounts)

*(S.K. Agarwal)*  
Director (Finance)

*(Kamran Rizvi)*  
(Chairman & Managing Director)

PLACE: LUCKNOW  
DATE:

17 APR 2014

Subject to our report of even date.

For RAJEEV NANDAN & CO.  
Chartered Accountants

*(PAWAN KUMAR AGARWAL)*  
PARTNER  
M.No. 073070  
Firm's Regn. No.: 003347C



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**

**NOTE NO. 26(B)**

**NOTES ON ACCOUNTS ANNEXED TO AND FORMING PART OF BALANCE SHEET AS AT  
31.03.2013 AND PROFIT & LOSS STATEMENT FOR THE YEAR ENDED ON THAT DATE**

1. (a) The Uttar Pradesh Power Transmission Corporation Limited (UPPTCL) came into existence when in compliance to GO UP letter No. 293 dated 16.05.2006, the Name and Object Clause of the Memorandum of Association of the erstwhile Uttar Pradesh Vidyut Vyapar Nigam Limited (incorporated on 31.05.2004) was changed on 13.07.2006.

(b) The State Government through Gazette Notification No. 2974(1)/24-P-2-2010 dated Dec 23, 2010, notified the Provisional Transfer Scheme for the purpose of the transfer of the transmission activities from U.P. Power Corporation Ltd. (UPPCL), to the Uttar Pradesh Power Transmission Corporation Limited (UPPTCL), wherein the scope of the business, assets & liabilities of the UPPTCL and other incidental and consequential matters were laid down. Under the Provisional Transfer Scheme the effective date was defined as 01.04.2007, the date since then the UPPTCL had started working as separate entity for the business of transmission and related activities. The UPPTCL is a state transmission utility in terms of section 39 of the Electricity Act 2003.

Vide Notification No. 2974/XXIV-P-2-2010 dated December 23, 2010, the State Government also notified the Provisional Transfer Scheme for the purpose of transfer of personnel and proceedings related thereto to the transmission undertaking. The finalization of the Scheme for the same is in process.

(c) The Restructuring account amounting to ₹ 180.72 crores (Previous year ₹ 180.72 crores) was shown under the head Reserve & Surplus in the year 2007-08. It relates to the difference between unit-wise balances as on 01.04.2007 and the consolidated balances appearing in the Provisional Transfer Scheme. The finalization of the Scheme is in process.

2.(a) Since inception till date there has been no case of bad debts against "Advances given to Suppliers / Contractors (Capital and O&M works)", reported by units concerned, hence, the provision in the current year @10% for "Doubtful Loans & Advances" has not been made during the year which would otherwise have an impact of decrease in profit and "Advances given to Suppliers / Contractors" both by ₹ 27.18 crores. Consequently, the practice for making provision for "Doubtful Loans & Advances" has been discontinued.

(b) Provision for doubtful receivables against "Employees" and "Others" appearing under the head of "Other Current Assets", has not been made in light of point no. 2(a) as above which would otherwise have an impact of decrease in profit and "Receivables from Employees & Others" both by ₹ 0.07 crores.

3. Penalty on account of delayed or otherwise execution of running capital works and capital supplies was taken as other income till financial year 2011-12, which has now been withdrawn and shown in the Balance Sheet either under "Deposits & Retentions from Suppliers & Others" (shown in Note-7- Other Current Liabilities) and shall finally be adjusted in subsequent years against respective works/contracts or has been adjusted by reducing capital cost of relevant works/supplies. This has an impact of increase in current liabilities of ₹ 50.12 crores, decrease in Capital Work-in-Progress of ₹ 23.93 crores and decrease in *Prior Period Other Income* to the tune of ₹ 74.05 crores.

4. (a) Inter Unit Transactions: The Reconciliation of balance of Inter Unit Transactions of ₹ 97.53 crores (debit) shown in the Balance Sheet (Previous year credit balance of ₹ 56.46 crores) is in process and effect of reconciliation, if any, will be accounted for in the accounts of subsequent years.

(b) Inter-Corporations Transactions: The Reconciliation of balance of Inter-Corporations Transactions of ₹ 53.12 crores (credit) shown in the Balance Sheet (Previous year credit balance of ₹ 91.57 crores) is in process and effect of reconciliation, if any, will be accounted for in the accounts of subsequent years.

*Esa Latha Pandey*

*31/03/2013*

*28 of 25*

*Director (Commercial)*  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





5. Where historical cost of a discarded/retired/obsolete fixed assets is not available, the estimated value of such asset and depreciation thereon has been adjusted and accounted for.

6. On the overall basis the assets other than fixed assets have a value on realization in the ordinary course of business at least equal to the amounts at which they are stated in the balance sheet.

7. With reference to compliance of MSMED Act, 2006, neither unpaid liabilities against the enterprises governed by the said Act, has since been reported by the units under UPPTCL nor interest on account of unpaid amount has been claimed by the enterprises, therefore, as required under section 22 of MSMED Act, 2006 to provide specific unpaid amount with interest in the annual statements is not warranted, however, to be more specific and accurate in follow up of the provisions of the Act, necessary instructions are being issued to all constituent units.

8. The transmission charges related to intra-state transmission of energy has been accounted for on the basis of tariff approved by the UPERC i.e. ₹ 0.1740/kwh.

9. As a part of separate function of SLDC, the company is maintaining separate account for SLDC. The break-up of charges relating to SLDC shown separately in the Note-17 is given below.

(Amount in ₹)		
Particulars	For the year ended 31.03.2013	For the year ended 31.03.2012
Annual Charges	8,000,000	6,300,050
Application fee/Concurrence fee	2,185,000	925,000
Misc. Income	72,156	287,050
SLDC Charges	9,678,066	8,787,000
<b>Total</b>	<b>19,935,222</b>	<b>16,299,100</b>

**10. Auditor Remuneration :-**

(Amount in ₹)		
Particulars	For the year ended 31.03.2013	For the year ended 31.03.2012
<b>Statutory Auditors :-</b>		
As Audit fee(Inclusive of Service Tax wherever applicable)	666,182	666,182
Reimbursement of Out of Pocket Exps.	576,125	586,825
<b>Total</b>	<b>1,242,307</b>	<b>1,253,007</b>

**11. Earning/Expenditure in foreign currency :-**

Particulars	For the year ended 31.03.2013	For the year ended 31.03.2012
(a) CIF value of Imports	NIL	NIL
(b) Earning in Foreign Currency	NIL	NIL
(c) Any Expenditure In Foreign Currency		
Travelling Expenses(USD)	892	-
Travelling Expenses(RMB)	-	-
Consultation Charges(USD)	-	404,673
<b>Total</b>	<b>892</b>	<b>404,673</b>

12. (a) Based on actuarial valuation report dated 09.11.2000(adopted by Board of Directors of UPPCL) provisions for accrued liability on account of pension and gratuity has been made @16.70% and 2.38% respectively on the amount of basic pay and grade pay plus DA. The company has initiated the process of getting actuarial valuation afresh for recognizing the liability for the Pension and Gratuity.

Shri Laxmi Chandra Sharma

21 of 25

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





(b) Leave encashment, medical benefits and LTC are accounted for on the basis of claims received and approved during the year.

13. Since the Corporation is principally engaged in the business of transmission of electricity and there is no other reportable segment as per AS-17, hence the disclosure as per AS-17 on segment reporting is not required. However the transactions of activities relating to separate function of SLDC have already been specified in Para 9.

#### 14. RELATED PARTY INFORMATION :-

As per AS-18 issued by the Institute of Chartered Accountants of India, the Company's related party are as under:

##### a) List of Related Parties(key management personnel):

##### I. Key management personnel & their relatives:

Name	Designation	Working Period (for F.Y. 2012-13)	
		Appointment	Retirement/ Cessation as on 31.03.2013
Shri Sanjeev Mittal	Chairman & Managing Director	16.01.2013	23.01.2013
Shri Sanjeev Mittal	Chairman	23.01.2013	08.02.2013
Shri Alok Kumar	Chairman & Managing Director	08.02.2013	Working
Shri A.K.Awashthi	Managing Director	30.03.2012	30.07.2012
Shri A.K.Gupta	Managing Director	31.07.2012	16.01.2013
Shri Dheeraj Sahu	Managing Director	23.01.2013	08.02.2013
Shri S.K.Agarwal	Director(Finance)	09.01.2009	Working
Shri Neel Ratan Kumar	Director	06.10.2010	Working
Shri S.K.Gupta	Director	07.06.2011	Working
Shri Ravi Shankar Panday	Director(Personnel Management)	21.11.2011	Working
Shri Ashok Kumar Singh	Director(Operation)	21.11.2011	Working
Shri Sunil Kumar Garg	Director(Work & Planning)	21.11.2011	Working
Shri O.P.Jain	Director(Commercial)	25.11.2011	Working
Shri Prabhakar Singh	Director	11.12.2012	Working

##### b) Transactions

(Amount in ₹)

Particulars	2012-13	2011-12
	Referred in (a) (I)	Referred in (a) (I)
Salary & Allowances	5977764	1025473
Contribution to Gratuity/Pension/PF	209117	98300
Debts due from Directors	Nil	Nil

(c) The Chairman, Managing Director and other Directors who have been appointed/posted by the Govt. of U.P. for the UPPCL and have the additional charge of the company also, have drawn their remuneration from the UPPCL as per their entitlement.

(d) The company has no related party enterprises other than state owned enterprises, detail/transactions of which have not been disclosed in view of Para '9' of AS-18 "Related Party Disclosures" which exempts State Controlled Enterprises from making any disclosure pertaining for their transactions with other related parties which are also State Controlled.

15. Basic and diluted earnings per share has been shown in the Profit & Loss Account in accordance with AS-20(EPS). Basic earnings per share have been computed by dividing net loss after tax by the weighted average number of equity shares outstanding during the year. Numbers used for calculating diluted earnings per equity share includes the amount of equity share money (pending for allotment).

Abha Lethi Pandey 30/12/2012

22 of 25

Director (Commercial)

U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





Particulars	(Amount in ₹)	
	For the year ended 31.03.2013	For the year ended 31.03.2012

**(I) Basic EPS**

Profit after Tax as per Profit & Loss A/c		
(A)	229,424,044	(526,824,066)
Weighted Average Number of Equity Shares (B)	28496933	4335500
Basic Earning Per Share (A/B)	8.05	(121.51)
Face Value per share	1000	1000

**(II) Diluted EPS**

Profit after Tax as per Profit & Loss A/c		
(A)	229,424,044	(526,824,066)
Weighted Average Number of Equity Shares (B)	47330933	42497977
Diluted Earning Per Share (A/B)	4.85	(12.40)
Face Value per share	1000	1000

16. An accounting of Deferred Tax Assets has not been considered in accounts on prudent basis as the company is not certain about substantial income in near future due to unabsorbed accumulated losses of ₹ 1123.86 crore. It includes the accumulated loss amounting to ₹ 976.27 crore which has been transferred by the UPPCL under the Provisional transfer scheme and ₹ 57.88 crore accumulated losses pertaining to prior to transfer scheme has been debited in financial year 2011-12. The transfer of the transmission undertaking from the transferor (UPPCL) to the transferee (UPPTCL) under the above transfer scheme shall be a de-merger of the transferor within the meaning of Section 2 (19AA) of the Income Tax Act, 1961.

17. The provisions contained in 'Annexure III - Basic Accounting Principles & Policies' of Rules appended to provisions of Electricity (supply) (Annual Accounts) Rules 1985, provides that "Fixed Assets of a Board shall be recorded in the books of Accounts and disclosed in Annual Accounts at Historical Cost. This policy implies that no revaluation of Fixed Assets shall be done for adjusting them to replacement cost, current cost etc. Similarly, depreciation on replacement cost shall also not be permitted." which is also in accordance with the provisions laid down in Electricity Act, 2003.

As such, revaluation of assets, according to AS-28, if made to determine the carrying cost of assets, may lead to breach of provisions of Electricity(Supply) (Annual Accounts) Rules 1985, hence the provisions contained in Annexure III- Basic Accounting Policies have been followed.

18. Energy transmitted/wheeled during the year was 73897.657156 MU. (Previous year-70371.050500 MU)

**19. Contingent Liabilities and Capital Commitments(to the extent ascertainable and not provided for)**

(₹ in Crores)

Particulars	As at 31.03.2013	As at 31.03.2012
(i) Estimated amount of contracts remaining to be executed on capital accounts and not provided	1098.82	1033.44
(ii) Other claims against company not acknowledged as debts	21.14	29.85
<b>Total</b>	<b>1119.96</b>	<b>1063.29</b>

Other than as stated above, liabilities, if any, arising out of cases/claims filed by employees as well as parties against corporation are unascertainable as such the same shall be met on arising thereof.

Asha Lethitandaw 31/03/2013

23 of 25

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





20. Disclosure as per AS-29 is as under :-

Particulars	Movement of Provisions			
	Balance as on 01.04.2012	Provision made during the year	Provision adjusted during the year	Balance as on 31.03.2013
	₹	₹	₹	₹
(i) Provision for doubtful advances against capital works	816,729,862	-	-	816,729,862
(ii) Provision for obsolete /unserviceable/shortage/loss of stores	405,415,836	-	3,167	405,412,669
(iii) Provision for doubtful receivables	32,263,833	-	-	32,263,833
(iv) Provision for losses due to theft of fixed assets	1,045,672	84,964	-	1,130,636
(v) Provision for doubtful advances against O&M works	39,917,855	-	-	39,917,855
<b>Total</b>	<b>1,295,373,058</b>	<b>84,964</b>	<b>3,167</b>	<b>1,295,454,855</b>

21. Previous year figures have been regrouped/ reclassified/recasted wherever considered necessary.

22. The figures as shown in the Balance Sheet, Profit & Loss Statement and Notes to accounts have been rounded off to the nearest rupee.

*Abha Sethi Tandon*  
(Abha Sethi Tandon)  
Company Secretary  
(Part Time)

*डॉ. उमा कान्त यादव*  
(Dr. Uma Kant Yadav)  
Dy. General Manager  
(Accounts)

*(A.K.Gupta)*  
General Manager  
(Accounts)

*(S.K.Agarwal)*  
Director(Finance)

*(Kamran Rizvi)*  
(Chairman & Managing Director)

Subject to our report of even date

For RAJEEV NANDAN & CO. Chartered  
Chartered Accountants

(PAWAN KUMAR AGARWAL)  
PARTNER  
M.No. 073070  
Firm's Regn. No.: 003347C

PLACE: LUCKNOW  
DATE: 17 APR 2014

*(Signature)*  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.  
**CASH FLOW STATEMENT FOR THE YEAR ENDED 31st MARCH 2013**

		(Amount in ₹)	
S.No.	Particulars	For the year ended 31st March 2013	For the year ended 31st March 2012
A)	<b>Cash Flow from Operating Activities</b>		
	Net Profit/(Loss) before Prior Period Income/(Exp), Tax but after Extraordinary Item	1,042,882,483	(188,568,063)
	Add/Loss on theft of fixed assets	84,964	-
	Net Profit/(Loss) before Prior Period Income/(Exp), Tax and Extraordinary Item	1,042,967,447	(188,568,063)
	<b>Adjustment for :-</b>		
a)	Depreciation	3,936,605,026	3,750,089,062
b)	Interest & Finance Charges	4,308,618,648	2,407,921,838
c)	Provision for Bad & Doubtful Debts	-	421,045,040
d)	Provision for Bad & Doubtful Debts written back (Trade Receivables)	-	(177,571,300)
e)	Provision for obsolete/unserviceable/shortage/loss of stores adjusted	(3,167)	(82,036)
f)	Provision for Estimated Losses	84,964	-
g)	Interest Income	(31,433,891)	(33,310,760)
h)	Prior Period Expenditure (Net)	(813,458,439)	(338,256,003)
i)	Accumulated loss pertaining prior to transfer scheme	-	(578,792,872)
	<b>Operating Profit Before Working Capital Changes</b>	<b>8,443,380,588</b>	<b>5,262,474,906</b>
	<b>Adjustment for :-</b>		
a)	Decrease/(Increase) in Inventories (Stores & Spares)	(859,659,013)	(1,679,691,708)
b)	Decrease/(Increase) in Trade Receivables	(11,749,902,685)	(4,423,265,184)
c)	Decrease/(Increase) in Other Current Assets	(1,032,197,430)	(15,209,961)
d)	Decrease/(Increase) in Short-Term Loans & Advances	(68,659,659)	(15,971,425)
e)	Increase/(Decrease) in Short-Term Borrowing	(2,000,000,000)	2,000,000,000
f)	Increase/(Decrease) in Other Current Liabilities	3,802,924,950	4,735,582,225
	<b>Cash Generated from Operations</b>	<b>(3,464,113,249)</b>	<b>5,863,918,853</b>
	Taxes paid	-	-
	<b>Cash Flow before Extraordinary Item</b>	<b>(3,464,113,249)</b>	<b>5,863,918,853</b>
	Less: Loss on theft of fixed assets	84,964	-
	<b>Net cash (used)/flow from Operating Activities (A)</b>	<b>(3,464,198,213)</b>	<b>5,863,918,853</b>
B)	<b>Cash Flow from Investing Activities</b>		
a)	Decrease/(Increase) in Tangible Assets	(5,563,073,576)	(7,428,981,978)
a(i)	Tangible Assets adjusted/deducted	984,659,500	706,587,091
a(ii)	Depreciation Reserve adjusted/deducted	(336,973,638)	(256,643,974)
b)	Decrease/(Increase) in Intangible Assets	(12,527,650)	-
b(i)	Intangible Assets adjusted/deducted	-	-
b(ii)	Depreciation Reserve adjusted/deducted	-	-
c)	Decrease/(Increase) in Work-in-Progress	(5,603,184,510)	(7,253,022,246)
d)	Decrease/(Increase) in Long Term Loans & Advances	(6,919,277,871)	(12,286,762,095)
e)	Interest received	31,433,891	33,310,759
	<b>Net cash used in Investing Activities (B)</b>	<b>(17,418,943,854)</b>	<b>(26,485,512,443)</b>
C)	<b>Cash Flow from Financing Activities</b>		
a)	Proceeds from Borrowings(Net)	16,414,347,197	17,966,227,575
b)	Proceeds from Share Capital	41,419,600,000	-
c)	Proceeds from Share Application Money	(33,419,600,000)	4,090,548,000
d)	Other Long-term Liabilities	(63,537,178)	677,456,865
e)	Proceeds from Consumers Contribution & Go Up Capital Subsidy	305,428,309	1,218,920,406
e(i)	Amount amortized	(179,699,434)	(131,272,088)
f)	Interest & Financial Charges	(4,308,618,648)	(2,407,921,838)
	<b>Net cash flow from Financing Activities (C)</b>	<b>20,167,920,246</b>	<b>21,413,958,920</b>
	<b>Net Increase/(Decrease) in cash &amp; cash equivalents (A+B+C)</b>	<b>(715,221,821)</b>	<b>792,365,330</b>
	<b>Cash &amp; cash equivalents as at beginning of the year</b>	<b>4,324,422,575</b>	<b>3,532,057,245</b>
	<b>Cash &amp; cash equivalents as at end of the year</b>	<b>3,609,200,754</b>	<b>4,324,422,575</b>

**Notes to the Cash flow Statement:**

- Cash & cash equivalents as at end of the year:-  
Cash in hand 638,205 550,271  
Balances with banks  
In Current & Other Account 1,694,477,263 2,297,477,784  
In Fixed Deposit Account 1,914,085,286 2,026,394,520  
Total 3,609,200,754 4,324,422,575
- This statement has been prepared under indirect method as prescribed by AS-3.
- Adjustment for depreciation as per Note-8 of balance sheet includes the depreciation charged for prior period amounting to ₹22,765,396 (Previous year ₹112,576,685)
- Cash and cash equivalents consists of cash in hand, bank balances in current & other account and fixed deposits with banks.
- The figures in this statement have been rounded off to the nearest rupee.
- Previous year figures have been regrouped/reclassified/recast wherever considered necessary.

*Abha Sethi Tandon*  
(Abha Sethi Tandon)  
Company Secretary  
(Part Time)

*Dr. Uma Kant Yadav*  
(Dr. Uma Kant Yadav)  
Dy. General Manager  
(Accounts)

*A.K. Gupta*  
(A.K. Gupta)  
General Manager  
(Accounts)

*B.K. Agarwal*  
(B.K. Agarwal)  
Director (Finance)

*Kamran Rizvi*  
(Kamran Rizvi)  
Chairman & Managing Director

Subject to our report of even date,  
For RAJEEV NANDAN & CO.  
Chartered Accountants

(PAWAN KUMAR AGARWAL)  
PARTNER  
M.No. 073070  
Firm's Regn. No. 1003547C

PLACE: LUCKNOW  
DATE:

**7 APR 2014**





**RAJEEV NANDAN & CO.**

**Chartered Accountants**

Head Office : 301-A, IInd Floor, Govinda Apartment, 1-A Shahnajaf Road, Lucknow-1  
Branches : Bahraich, Pilibhit & Bareilly  
Tel / Fax : (0522) 3291377 & 6460329 Fax 4007292  
email add : pawan\_ca2@rediffmail.com

**Independent Auditor's Report**

**The Members of  
Uttar Pradesh Power Transmission Corporation Limited  
(Formerly known as Uttar Pradesh Vidyut Vyapar Nigam Ltd.)  
LUCKNOW**

**Report on the Financial Statements**

1. We have audited the attached financial statements of **UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED, LUCKNOW**, as at 31st March 2013, and the related Statement of Profit and Loss for the year ended on that date annexed thereto, which we have signed under reference to this report, in which, are incorporated the Accounts of Loans & Funds Unit audited by us & four transmission zones of the Company audited by the respective Branch Auditors. These Financial Statements are the responsibilities of the Company's Management. Our Responsibility is to express an opinion on these Financial Statements based on our Audit.

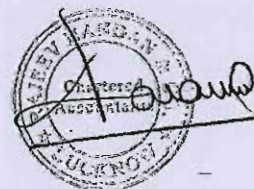
**Management's Responsibility for the Financial Statements**

2. Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position, financial performance and cash flows of the Company in accordance with the Accounting Standards referred to in sub-section 3(C) of section 211 of the Companies Act, 1956 ("the Act"). This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatements, whether due to fraud or error.

**Auditor's Responsibility**


3. Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





4. An audit involves performing to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Company's preparation and fair presentation of the financial statements in order to design audit procedure that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.
5. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.
6. We further report that:-
- (a) Reserves & surplus includes a balance of Rs. 180.72 crores as restructuring account as at the year end. This relates to the difference between the division wise balances of assets and liabilities as per books of accounts as on 01.04.2007 and the balances appearing in the transfer scheme notified by the Government of Uttar Pradesh vide gazette notification no. 2974 / XXIV - P - 2 - 2010 dated December 23, 2010. *The said provisional transfer scheme is pending for finalization which may change the position of balances of assets and liabilities as appearing in the financial statements (Refer para 1 (c) of Note 26 B).*
- (b) As per accounting policy no. 5 of Note no. 26 A, transmission revenue for the year has been recognized on the basis of tariff of Rs. 0.1740 / Kwh (as referred in para 8 of Note 26B) approved by UPERC for intra-state transmission of energy.
- The difference in transmission tariff stated above as approved by UPERC and tariff determined and approved on the basis of the audited accounts for the year presented to UPERC on true-up petition will be accounted for on the basis of the decision of UPERC.*
- (c) *The balance under current assets, current loans & advances, Trade Receivables, Other Current Assets, unsecured loans, current and non-current liabilities (including the balances of UPPCL, DISCOMS etc), stores & spares, material-in-transit / under inspection / lying with contractors / fabricators etc are subject to confirmation, verification, reconciliation and consequential adjustments, if any. In the absence of adequate information, we are unable to comment on the realisability or otherwise of these balances.*

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



- (d) The Company has discontinued the practice of making provision on "Advances given to Suppliers / Contractors (Capital O & M Works) and Other Receivables, as there has been no case reported of bad debts since inception till 2011-12. Consequently effecting the overstatement of current year profit to the tune of 27.25 Crores. ((Refer para 2(a) & 2 (b) of Note no. 26 B)
- (e) The debit balance of Rs. 97.53 Crores shown as 'Inter Unit Transfer' (under the head "Other Current Assets" - Refer Note 16 of balance sheet) represent the un-reconciled balance of inter unit transactions. The Inter Unit Balances are under the process of reconciliation as informed by the management (Refer para 4 (a) of Note 26 B)
- (f) The credit balance of Inter corporate balances of UPPCL & DISCOM's amounting to Rs. 53.12 crores (Previous Year Rs. 91.57 Crores) shown under the head "Other current liabilities"-Note 7 of balance sheet, are under the process of reconciliation. (Refer para 4 (b) of Note 26 B)
- (g) It was observed that the system of maintaining party-wise subsidiary ledgers and its matching with primary books of account is not effective.
- (h) As informed by the management there are no unpaid liabilities towards Micro, Small and Medium Enterprises as defined under MSMED Act, 2006 and no interest is claimed by these enterprises. (Refer para 7 of Note 26 B)
- (i) Contingent liabilities stated in para 19 of Note 26 B are as per details provided by the company and which have been relied upon by us as such.
- (j) As reported by the Branch Auditor of Transmission Zone (East) Allahabad, Cash and Bank Balances (Note No. 14 "Cash & Cash Equivalents" of Balance Sheet) includes Rs. 80000.00 Fixed Deposit with bank in ETLEU unit for which no FDR certificate could be produced before the statutory auditors of the East Zone Allahabad and for which no provision of accrued interest has been made by the company.
- (k) Since documentary evidences in respect of ownership / title of land, land rights and buildings as whole are kept at unit level falling under respective zones, hence have been relied upon by us on Zonal Auditor's verification, where Allahabad Zone Auditor have reported for non availability of suitable documents in this regard.

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn. Lucknow





7. Non- Compliance of Accounting Standards:

(a) The recognition of revenue in case of Inter State Transmission, from transmission of energy/open access is on cash basis which is not in accordance with Accounting Standards (AS) 9 'Revenue Recognition' (Refer Accounting Policy no. 5 (b) of Note no. 26A)

(b) Leave encashment is accounted for on the basis of claims received and approved during the year and not on the basis of actuarial valuation (Refer Accounting Policy no. 7(b) of Note no. 26 A and para 12(b) of Note no. 26 B). The provision for pension and gratuity in respect of employees has been made on the basis of actuarial valuation dated 09.11.2000. Also the valuation report dated 09.11.2000 was valid only for 3 years but the same report is being used for the purpose of making provision till 2013. (Refer Accounting Policy No, 7 (a) of Note No. 26 A & Para 12 (a) of Note No. 26 B).

These employee benefits have not been accounted for in accordance with the treatment prescribed in the Accounting Standard (AS) 15, 'Employee Benefits (revised 2005)'

(c) The company has not complied with the requirements of section 383 A of Companies Act, 1956. As per the requirement of Section 383- A of Companies Act and according to Rule 2 of Companies (Appointment & Qualifications of Secretary) Rules 1988, all companies having paid up capital of not less than Rs. 2 Crore, shall have a whole time Company Secretary. The UPPTCL, however has not complied with the said section of the Companies Act and the Final Accounts of the company are signed by a part time Company Secretary. This comment is being reported by C & AG since F.Y. 2010-11 but no corrective action has yet been taken by the Company.

(d) In view of the disclosure made by the Company in respect of impact of availability and continuity of the substantial income in the near future as such the accounting of deferred tax as per AS-22 'Accounting for Taxes on Income' has not been done by the management.

(e) The company has not complied with the requirements of Accounting Standards (AS) 28 'Impairment of Assets'. As informed by the management, the provisions contained in "Annexure III- Basic Accounting Principles & Policies Electricity Rules, 1985 require that Fixed Assets' shall be recorded at historical cost and no revaluation of fixed assets shall be done to adjust them to replacement cost or current cost etc. (Refer para 17 of Note 26 B).

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



8. For want of complete information, the cumulative impact of our observations in paras 6 & 7 above and in Annexure to this report, on the accounts of the company is not ascertained.
9. The Financial Statements of the Company have been prepared by incorporating the Audited Trial Balances of Zonal Accounts offices. We have placed reliance on the Branch Auditor's Report of respective Transmission Zones with reference to compliance of requirements of the Revised Schedule VI of the Companies Act, 1956, to express our opinion / comment on the financial statements of the Company.
10. The branch auditor has expressed opinion and submitted the audit report on the Trial Balance as at 31st March, 2013 of the Zonal Accounts Offices.
11. In our opinion proper returns adequate for the purpose of our audit have been received from branches not visited by us. the branch auditor's reports have been forwarded to us and the same have been appropriately dealt by us in framing our report.
12. In view of department of Company affairs' circular no. 8/2002, the provisions of disqualifications of directors as per section 274 (1)(1g) of the Companies Act, 1956 are not applicable to the company.

#### Opinion

- a) In our opinion and to the best of our information and according to the explanations given to us, the financial statements give the information required by the Act in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India:
- b) In the case of the Balance Sheet, of the state of affairs of the Company as at March 31, 2013
- c) In the case of the Statement of Profit & Loss, of the profit/loss for the year ended on that date; and
- d) In the case of the Cash flow Statement, of the cash flows for the year ended on that date.

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





## Report on Other Legal and Regulatory Requirements

13. As required by the Companies (Auditor's Report) Order, 2003 ("The Order") issued by the Central Government of India in terms of sub-section (4A) of section 227 of the Act, we give in the Annexure a statement on the matters specified in paragraphs 4 and 5 of the Order.
14. As required by section 227(3) of the Act, we report that:
- a. We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
  - b. In our opinion proper books of accounts as required by law have been kept by the Company so far as appears from our examinations of those books.
  - c. The Balance Sheet, Statement of Profit & Loss, and Cash Flow statement dealt with by this Report are in agreement with the books of account.
  - d. Except for the effects / possible effects of matters described on the basis of Qualified opinion para 7 of audit report, in our opinion, the Balance Sheet, Statement of Profit & Loss, and Cash Flow Statement comply with the Accounting Standards referred to in sub-section (3C) of Section 211 of the Companies Act, 1956.
  - e. In our opinion and on the basis of information & explanations given to us, the requirement of obtaining written representations from the nominated Directors of the Government Corporation, for their disqualification from being appointed as Director under clause (g) of sub section (i) of section 274 of the Companies Act, 1956 is not applicable.

**FOR RAJEEV NANDAN & CO**

(Chartered Accountants)



**(PAWAN KUMAR AGARWAL)**

PARTNER

M.No. 073070

Firm's Regn. No.: 003347C

LUCKNOW

DATE : 17.04.2014



Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**RAJEEV NANDAN & CO.**

**Chartered Accountants**

Head Office : 301-A, IInd Floor, Govinda Apartment, 1-A Shahnajaf Road, Lucknow-1  
Branches : Bahraich, Pilibhit & Bareilly  
Tel / Fax : (0522) 3291377 & 6460329 Fax 4007292  
email add : pawan\_ca2@rediffmail.com

**Uttar Pradesh Power Transmission Corporation Limited**  
**Annexure Annexed to Auditors Report on the Accounts of the Corporation for the year ended 31st March, 2013.**

(Annexure referred to in para 13 of the Auditors report of even date to the Members of Uttar Pradesh Power Transmission Corporation Limited on the Annual Accounts of the Corporation for the year ended 31st March, 2013)

On the basis of such tests as we considered appropriate to apply, the information and explanation rendered to us by the management during the course of the audit of head office (Loans & Funds) and the Auditors Report of four transmission zones audited by branch auditors, we report as under:-


- (i) (a) *The company has not maintained proper records showing full particulars including quantitative details and situation of fixed assets.*
- (b) *The company has not carried out physical verifications of the fixed assets hence we are unable to comment whether any material discrepancy was noticed as such or not.*
- (c) *The Company has not disposed off substantial part of the fixed assets during the year.*
- (d) *As per the branch audit report of Transmission West (Meerut), the transfer of capital work in progress has been made to the fixed assets without obtaining final certificate of completion from the units.*
- (ii) (a) *As per information provided by the management, the stock of store and spare parts has been physically verified by the management during the year. In our opinion having regard to the nature and location of stock, the frequency of physical verification is reasonable.*

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





- (b) The procedures for the physical verification of inventories followed by the Management are reasonable and adequate in relation to the size of the company and the nature of its business *except at Transmission East (Allahabad), where the same requires further strengthening.* Further, the materials discrepancies, wherever noticed on physical verification, have been properly dealt with in the books of accounts.
- (c) In our opinion, the company is maintaining proper records of inventory (Stores & Spares) *except at Transmission West (Meerut) where stock registers have been maintained but are incomplete and at Transmission East (Allahabad), the quantitative details of the stock were not provided by the zone and even some of the inventory (Stores & Spares) were in credit as reported by the branch auditors.*
- (iii) (a) As explained to us by the management, the company has not granted any loans secured or unsecured to companies, firms or other parties covered in the register maintained under Section 301 of the Companies Act, 1956.
- (b) In view of the (iii) (a) above, para nos. (iii) (b), (c) and (d) of the Order, 2003 are not applicable.
- (c) The Company has not taken any loans, secured or unsecured from companies, firms or other parties covered in the register maintained under section 301 of the Companies Act, 1956.
- (d) In view of (iii) (c) above, the para nos. (iii) (f) and (g) of the Order, 2003 are not applicable.
- (iv) In our opinion and according to the information and explanations given to us, there are adequate internal control procedures commensurate with the size of the company and the nature of its business for the purchase of inventory (Stores & Spares), fixed assets and also for the sale of services *except at Transmission East (Allahabad) and in respect of payment of loan installments to Power Finance Corporation on due dates there is delay on few occasions.* Further we have not come across continuing failures to correct major weaknesses in internal controls.
- (v) (a) According to the information and explanations given to us and the records examined, there are no contracts or arrangements the particulars whereof are required to be entered in the register required to be maintained under Section 301 of the Companies Act, 1956.
- (b) In view of (v) (a) above the para (v) (b) of the Order is not applicable.
- (vi) Based on our examination of the company's records and according to the information and explanations given to us, in our opinion, the Company has not accepted any loans or deposits from the public.

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow





- (vii) The Company has an internal audit system for its field units by the firms of Chartered Accountants. *However, no internal audit for the financial year 2012-13 has been conducted at any of the zones as well as at the Head Office.*
- (viii) The cost records prescribed under Section 209 (1)(d) of the Companies Act, 1956 have been maintained by the company during the year under audit *except at Transmission West (Meerut) & Transmission South (Agra).*
- (ix) According to the information and explanation given to us, the Company is generally regular in depositing undisputed statutory dues including Employees State Insurance, Income Tax, Service Tax, Custom Duty, Cess and any other statutory dues with the appropriate authorities, however a sum of Rs. 12708.00 pertaining to Fringe Benefit Tax is undisputed for more than six months as on the Balance Sheet date.
- (x) The company has been registered for more than 5 years, its accumulated losses are not more than 50 percent of its net worth and it has not incurred any cash losses during the current financial year and in the financial year immediately preceding such financial year.
- (xi) As per the information and explanations given to us, the company has defaulted in the repayment of principal & interest amounting to Rs. 499.93 crores in Govt. of U.P. Loan, the details of which have been disclosed in Annexure B to Note 4 of Balance Sheet.
- (xii) The Company has not granted any loans and advances on the basis of security by way of pledge of shares, debentures and other securities.
- (xiii) The company is not a chit fund or a nidhi / mutual benefit fund/ society; hence para (xiii) of the Order not applicable.
- (xiv) The company is not dealing or trading in shares, securities, debentures and other investments; hence para (xiv) of the Order is not applicable.
- (xv) According to the information and explanations given to us, the company has not given any guarantee for loans taken by others from banks or financial institutions.
- (xvi) *We are unable to comment whether loan funds were applied for the purpose for which the loan were obtained as the accounts are not maintained in such manner which could identify the immediate nexus for ultimate usage of loan funds. However as per the explanation given by the management the loan funds were applied for the purpose for which the loans were obtained.*
- (xvii) *We are unable to comment whether the funds received on short term basis have been utilized for long term purpose, as the accounts are not maintained in such manner which identify the immediate nexus for ultimate usage of loan funds. However as per explanations given by the management the loan funds were applied for the purpose for which the loans were obtained..*

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow





- (xviii) The Company has made preferential allotment of shares to parties covered under Section 301 of the Companies Act, 1956. (Refer Note 1 of Balance Sheet)
- (xix) The Company has not issued any debentures hence para (xix) of the Order is not applicable.
- (xx) The Company has not raised any money by public issues hence para (xix) of the order is not applicable.
- (xxi) As per the information and explanations given to us, no fraud has been done by the Company or on the company during the year.

**FOR RAJEEV NANDAN & CO**

(Chartered Accountants)



**(PAWAN KUMAR AGARWAL)**

PARTNER

M.No. 073070

Firm's Regn. No.: 003347C

LUCKNOW

DATE : 17.04.2014



Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

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



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

पत्रांक: म.ले.(इ. एण्ड आर.एस.ए)/इ.एस.-11/लेखा/यू.पी.पा.ट्रां.का.लि./2012-13/14  
दिनांक: 26-8-14

सेवा में,

प्रबन्ध निदेशक,  
उ०प्र० पावर ट्रांसमिशन कारपोरेशन लिमिटेड  
शक्ति भवन, 14-अशोक मार्ग,  
लखनऊ, उत्तर प्रदेश।

महोदय,

एतत्सह कम्पनी अधिनियम, 1956 की धारा 619(4) के अधीन उ०प्र० पावर ट्रांसमिशन कारपोरेशन लिमिटेड के 31 मार्च 2013 को समाप्त वर्ष के लेखों पर भारत के नियंत्रक-महालेखापरीक्षक की टीका-टिप्पणियों कम्पनी अधिनियम, 1956 की धारा 619(5) के निबन्धनों के अनुसरण में कम्पनी की वार्षिक सामान्य बैठक के समक्ष प्रस्तुत करने हेतु अग्रप्रेषित 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।

Gm(FM)

L

सहपत्र-यथोपरि

5098 PSDF/14

29/08/2014

AO (Corp. A/L)

30/8/14

No. 5622  
Date 30/8/14  
Dy. G. M. (Acct) Trans.  
Dy. C.A.O. (F)  
Dy. C.A.O. (Acct/Trans.)  
A.O. (F)

भवदीया  
विनीता मिश्रा  
महालेखाकार

Director (Commercial)



**COMMENTS OF THE COMPTROLLER AND AUDITOR GENERAL OF INDIA UNDER SECTION 619 (4) OF THE COMPANIES ACT, 1956 ON THE ACCOUNTS OF UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED, LUCKNOW FOR THE YEAR ENDED 31 MARCH 2013.**

The preparation of the Financial Statement of the Uttar Pradesh Power Transmission Corporation Limited, Lucknow for the year ended 31 March 2013 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 17<sup>th</sup> April 2014.

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 Uttar Pradesh Power Transmission Corporation Limited, Lucknow for the year ended 31 March 2013. 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:

**Balance Sheet**

**Current Liabilities**

**Other Current Liabilities (Note-7) ₹ 3324.26 crore**

1. The above does not include ₹ 14.69 crore (₹ 7.07 crore for 2012-13, ₹ 4.56 crore for 2011-12 and ₹ 3.06 crore for 2010-11) being interest liability on GPF/ CPF Contribution payable to CPF/ GPF Trust.

This has resulted into understatement of Employee Benefits Expenses (Note 19) by ₹ 7.07 crore, Prior Period Expenses (Note 25) by ₹ 7.62 crore and Other Current Liability (Note 7) by ₹ 14.69 crore.

Despite the comment of C&AG on the Accounts of the Company for 2011-12, no corrective action has been taken by the Company.

**2. General**

(i) A reference is invited to Point 2(a) of Notes on Accounts (Note No. 26-B) wherein it has been disclosed that practice for making provision for "doubtful loans & advances" has been discontinued.

The fact that the provision of ₹ 81.67 crore already made in the Accounts has not been written off should have been disclosed in Notes on Account.

**(ii) Non-Reconciliation of inter-company balances.**

Due to non reconciliation of the inter-company balances of Current Liabilities vis-a-vis Current Assets, a difference of ₹ 7.99 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 2010-11 and 2011-12, no corrective action has been taken.

Place: Lucknow  
Date:

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

*Vinita Mishra*  
Accountant General

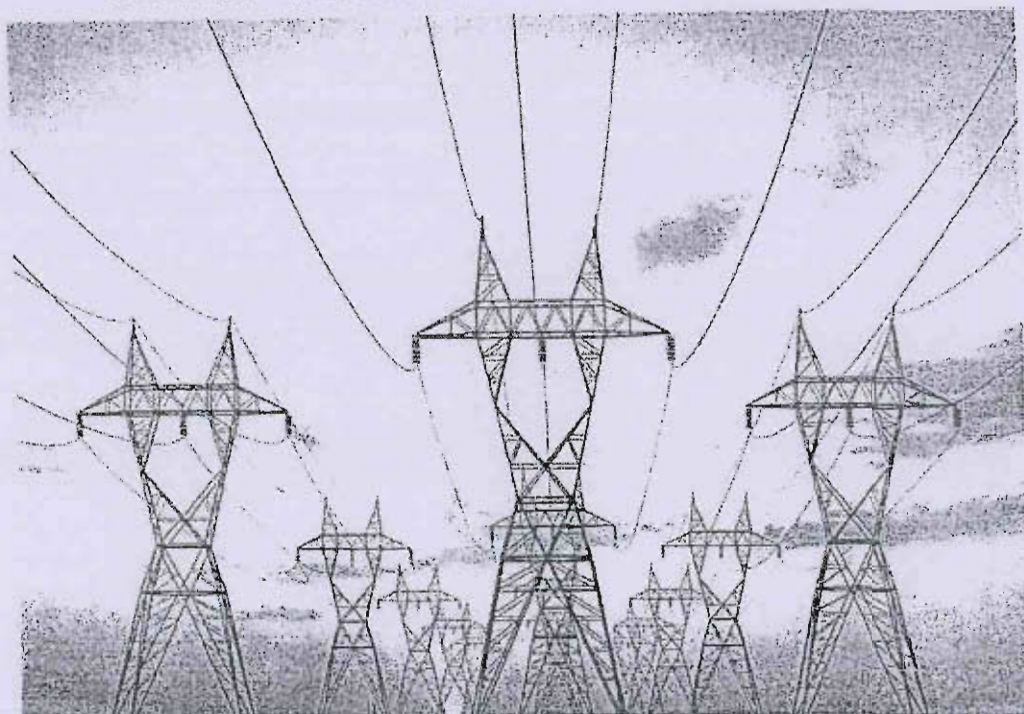
  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



## **Annexure-3**

### **Provisional Accounts for FY 2013-14**

**UTTAR PRADESH POWER  
TRANSMISSION  
CORPORATION LIMITED**



**PROVISIONAL BALANCE SHEET AS  
AT 31.03.2014  
&  
PROVISIONAL PROFIT & LOSS  
STATEMENT FOR THE YEAR ENDED  
31.03.2014**

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Registered Office :- 14, Ashok Marg, Shakti Bhawan, Lucknow - 226001.

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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



## INDEX

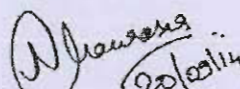
Sl. No.	Particulars	Page No.
1	Provisional Balance Sheet	1
2	Provisional Profit & Loss Statement	2
3	Notes (1-24)	3-17
4	Significant Accounting Policies - Note 25	18-19
5	Notes on Accounts - Note 26	20-22
6	Cash Flow Statement	23

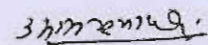
  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

PROVISIONAL BALANCE SHEET AS AT 31st MARCH, 2014

		(Amount in ₹)	
Particulars	Note No.	As at 31st March 2014	As at 31st March 2013
<b>I. EQUITY AND LIABILITIES</b>			
(1) Shareholders' funds			
(a) Share capital	1	54,025,100,000	45,755,100,000
(b) Reserves and surplus	2	(7,679,158,564)	(5,935,512,282)
(c) Money received against share warrants			
(2) Share application money pending allotment	3	12,340,766,000	6,670,000,000
(3) Non-current liabilities			
(a) Long-term borrowings	4	62,638,099,108	59,551,147,782
(b) Deferred Tax Liabilities (Net)			
(c) Other Long-Term Liabilities	5	2,519,812,806	2,589,783,517
(d) Long Term Provisions			
(4) Current liabilities			
(a) Short Term Borrowings			
(b) Trade Payables			
(c) Other Current liabilities	6	38,558,402,935	33,242,621,523
(d) Short-Term Provisions			
<b>Total</b>		<b>160,403,024,285</b>	<b>141,873,140,540</b>
<b>II. ASSETS</b>			
(1) Non-current assets			
(a) Fixed assets			
(i) Tangible Assets	7	55,563,209,571	48,656,330,732
(ii) Intangible Assets	8	9,837,987	10,544,929
(iii) Capital Work-in-Progress	9	23,860,978,458	24,165,409,202
(iv) Intangible Assets under Development			
(b) Non-Current Investments			
(c) Deferred Tax Assets (Net)			
(d) Long-Term Loans and Advances	10	32,338,221,304	28,760,460,642
(e) Other Non-Current Assets			
(2) Current assets			
(a) Current Investments			
(b) Inventories (Stores & Spares)	11	7,324,385,915	7,279,181,112
(c) Trade Receivables	12	25,257,211,921	27,675,597,987
(d) Cash and Cash Equivalents	13	9,285,377,635	3,809,200,754
(e) Short-Term Loans and Advances	14	562,865,887	457,640,102
(f) Other Current Assets	15	5,200,935,607	1,259,835,860
Significant Accounting Policies	25		
Notes on Accounts	26		
Note 1 to 25(B) form Integral Part of Accounts			
<b>Total</b>		<b>160,403,024,285</b>	<b>141,873,140,540</b>

  
(Neeraj Chaurasia)  
Accounts Officer

  
(Dr. Uma Kant Yadav)  
Dy. General Manager  
(Accounts)

  
(A.K. Gupta)  
General Manager  
(Accounts)

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

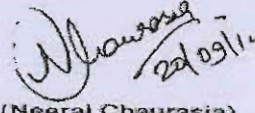


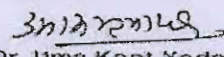
**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.


**PROVISIONAL STATEMENT OF PROFIT & LOSS FOR THE YEAR ENDED 31st MARCH 2014**

(Amount in ₹)			
Particulars	Note No.	For the year ended 31st March 2014	For the year ended 31st March 2013
(I) Revenue from Operations (Gross)	16	10,749,351,306	13,087,774,944
(II) Other income	17	225,760,831	207,420,732
<b>(III) TOTAL REVENUE (I+II)</b>		<b>10,975,112,137</b>	<b>13,295,195,676</b>
<b>EXPENSES</b>			
1 Cost of Materials Consumed			
2 Purchase of Stock-in-Trade			
3 Changes in Inventories of Finished Goods, Works in Progress and Stock-in-Trade			
4 Employee Benefits Expenses	18	3,164,820,623	2,698,362,929
5 Finance costs	19	5,000,464,548	4,308,618,649
6 Depreciation and Amortization Expenses	20	3,980,176,801	3,749,394,428
7 Other Expenses			
a) Administrative, General & Other Expenses	21	210,337,189	64,571,655
b) Repairs & Maintenance Expenses	22	1,611,919,284	1,431,385,493
c) Bad Debts & Provisions	23	(819,777,814)	
<b>(IV) TOTAL EXPENSES</b>		<b>13,147,940,622</b>	<b>12,252,313,183</b>
V Profit/(Loss) before Prior Period Income/(Expenditure), Exceptional and Extraordinary Items and Tax (III-IV)		(2,172,828,485)	1,042,882,493
VI Prior Period Income/(Expenditure)	24	(313,458,563)	(813,455,439)
VII Exceptional Items			
VIII Profit/(Loss) before Extraordinary Items and Tax (V-VI-VII)		(2,486,287,068)	229,424,044
IX Extraordinary Items			
X Profit/(Loss) before Tax (VIII-IX)		(2,486,287,068)	229,424,044
XI Tax expenses:			
a) Current Tax			
b) Deferred Tax			
XII Profit/(Loss) for the Period from Continuing Operations (X-XI)		(2,486,287,068)	229,424,044
XIII Profit/(Loss) from Discontinuing Operations			
XIV Tax Expense of Discontinuing Operations			
XV Profit/(Loss) from Discontinuing Operations (After Tax) (XIII-XIV)			
<b>XVI Profit/(Loss) for the Period (XII+XV)</b>		<b>(2,486,287,068)</b>	<b>229,424,044</b>
<b>XVII Earnings per Equity Share:</b>			
(a) Basic EPS		(49.16)	8.05
(b) Diluted EPS		(44.33)	4.85
Significant Accounting Policies	25		
Notes on Accounts	26		
Note 1 to 25(B) form Integral Part of Accounts			

Disclosures:- 1) Refer Note No.26.10

  
(Neera) Chaurasia  
Accounts Officer

  
(Dr. Uma Kant Yadav)  
Dy. General Manager  
(Accounts)

  
(A.K.Gupta)  
General Manager  
(Accounts)

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

**NOTES FORMING PART OF FINANCIAL STATEMENTS**

(Amount in ₹)

Particulars	As at 31.03.2014	As at 31.03.2013
<b>NOTE '1' - SHARE CAPITAL</b>		
<b>(A) Authorised Capital</b>		
100000000 Equity Shares of par value ₹ 1000 each	100,000,000,000	100,000,000,000
(Previous year 100000000 Equity share of par value ₹ 1000 each)		
<b>(B) Issued, Subscribed and Paid-up Capital</b>		
54025100 Equity Shares of par value ₹ 1000 each issued for cash	54,025,100,000	45,755,100,000
(Previous year 45755100 Equity Shares of par value ₹ 1000 each)		
<b>Total</b>	<b>54,025,100,000</b>	<b>45,755,100,000</b>

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

	As at 31.03.2014	As at 31.03.2014	As at 31.03.2013	As at 31.03.2013
	No. of Shares	Amount	No. of Shares	Amount
Shares outstanding at the beginning of the year	45,755,100	45,755,100,000	4,335,500	4,335,500,000
Shares Issued during the year- Fresh Issue	8,270,000	8,270,000,000	41,419,600	41,419,600,000
Shares outstanding at the end of the year	54,025,100	54,025,100,000	45,755,100	45,755,100,000

(B) Terms / Rights attached to Equity Shares

- (i) The Company has only one class of Equity Shares having a par value of ₹ 1000/- per share.  
(ii) During the year ended 31st March 2014, the company has issued 8270000 shares.  
(iii) During the year ended 31st March 2014, no dividend has been declared by board due to heavy accumulated losses.

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

	As at 31.03.2014	As at 31.03.2014	As at 31.03.2013	As at 31.03.2013
Name of Shareholder	No. of Shares	% Holding	No. of Shares	% Holding
Hon'ble Governor of Government of U.P.	31,891,748	59.03%	23,621,748	51.63%
Uttar Pradesh Power Corporation Ltd.	22,132,752	40.97%	22,132,752	48.37%

*[Signature]*  
20/09/14

*[Signature]*  
20/9/14

*[Signature]*

*[Signature]*  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2014	As at 31.03.2013
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**NOTE '2' - RESERVES & SURPLUS**

**(a) Capital Reserve**

**Consumer Contribution towards Capital Works**

Balance as per last Balance Sheet	3,495,812,247	3,370,083,372
Add: Addition during the year	919,189,083	305,428,309
Less: Deduction during the year	176,546,297	179,599,434
Closing Balance	4,238,455,033	3,495,812,247

**(b) Restructuring Reserve**

Balance as per last Balance Sheet	1,807,231,000	1,807,231,000
Add: Addition during the year	-	-
Less: Deduction during the year	-	-
Closing Balance	1,807,231,000	1,807,231,000

**(c) Surplus in Profit & Loss Statement**

Balance as per last Balance Sheet	(11,238,555,529)	(11,467,979,573)
Add : Trf. from Statement of Profit & Loss	(2,486,287,068)	229,424,044
Closing Balance	(13,724,842,597)	(11,238,555,529)

<b>Total</b>	<b>(7,679,156,564)</b>	<b>(5,935,512,282)</b>
--------------	------------------------	------------------------

Note:- The Restructuring account amounting to ₹180.72 crores (Previous year ₹180.72 crores) was shown under the head Reserve & Surplus in the year 2007-08. It relates to the difference between unit-wise balances as on 01.04.2007 and the consolidated balances appearing in the Provisional Transfer Scheme. The finalization of the Scheme is in process.

**NOTE '3' - SHARE APPLICATION MONEY**

Share Application Money pending for allotment	12,340,766,000	6,670,000,000
<b>Total</b>	<b>12,340,766,000</b>	<b>6,670,000,000</b>

**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
6,670,000,000	13,940,766,000	8,270,000,000	12,340,766,000

*(Signature)*  
20/09/14

*(Signature)*  
20/9/14

*(Signature)*

*(Signature)*  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2014	As at 31.03.2013
-------------	------------------	------------------

**NOTE 'W' - LONG TERM BORROWINGS**

**Secured Loans**

Term loans

From Others

61,317,796,993

56,072,376,565

(Secured by exclusive charge on asset created under the PFC & REC Scheme)

**Unsecured Loans**

Term loans

From Government of U.P.

997,145,000

997,145,000

From Others

4,847,784,018

5,844,930,018

5,890,196,103

6,887,342,103

(All the above loans are guaranteed by Govt of U.P.)

**Sub-Total of Secured & Unsecured Loans**

67,162,727,011

62,959,718,668

Less: Current Maturity of Long Term Borrowings  
(Refer Annexure A)

4,524,627,903

3,408,570,886

**Total**

62,638,099,108

59,551,147,782

- 1) Detail of terms etc. of borrowings have been annexed with Annexure-A.  
2) Detail of default in debt servicing have been annexed with Annexure-B.

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Director (Commercial)  
U.P. Trans-Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
**14-AASHOK MARG, SHAKTI BHAWAN, LUCKNOW.**  
**DISCLOSURES OF TERMS ETC. OF BORROWINGS AS REQUIRED IN SCHEDULE-VI**

Loans	Security & Guarantee Details	Interest Rate	Repayment Terms	Balance as on 31.03.2013 (A)	Current Long term debt (P.Y. 12-13) (Q)	Long term borrowing as on 31.03.2013 (P.Y. 12-13) (R)	Loan received during the year (P.Y. 13-14) (U)	Loan repaid during the year (P.Y. 13-14) (E)	Balance as on 31.03.2014 (P.Y. 13-14) (E)	Current Long term debt (P.Y. 13-14) (Q)	Long term borrowing as on 31.03.2014 (P.Y. 13-14) (R)
<b>(A) Secured</b>											
(i) Power Finance Corporation Ltd (Transmission)	Secured by hypothecation of Lines & Substations under the PFC scheme	8.75% to 13.25%	Forty to sixty equal quarterly installments.	1704117013	1312327270	13723789739	3941824548	1059423904	1878448900	1387143586	1709164173
(ii) Rural Electrification Corporation Ltd (Transmission)	Secured by hypothecation of Lines & Substations under the REC scheme	11% to 13%	One hundred twenty equal monthly installments	3503126547	773571981	3823087738	4274671350	772571969	4253306900	1751686394	4078152531
			<b>Total (A)</b>	<b>5607237665</b>	<b>208595240</b>	<b>5395967735</b>	<b>7316446301</b>	<b>2071025073</b>	<b>6111779893</b>	<b>3138339239</b>	<b>5087846934</b>
(B) Unsecured											
(i) Power Finance Corporation Ltd (Govt Guaranteed)	Guaranteed by Govt. of U.P.	8.75% to 13.25%	Forty equal quarterly installments	2691238332	549114211	2327184251	0	569114211	2327184251	55033319	1783287002
(ii) Rural Electrification Corporation Ltd (Prescribed)	Guaranteed by Govt. of U.P.	10.11%	One hundred eighty equal monthly installments (EMI)	658847597	102714729	450132798	0	50771788	450073803	113115386	351665002
(iii) Rural Electrification Corporation Ltd (Transmission)	Guaranteed by Govt. of U.P.	11% to 13%	One hundred twenty equal monthly installments	635340770	9076590	344577750	0	90742960	344577750	9076590	453814800
(iv) Rural Electrification Corporation Ltd (Type II)	Guaranteed by Govt. of U.P.	11% to 15.50%	One hundred twenty equal monthly installments	1604767014	288763128	1516026135	0	288733128	1516006135	288763128	4287249000
			<b>Total (A+B+iv)</b>	<b>560195103</b>	<b>1051355008</b>	<b>4539841015</b>	<b>0</b>	<b>1042417005</b>	<b>4547764016</b>	<b>1051504709</b>	<b>3796275312</b>
(v) Govt. of U.P.	Tea equal annually installments to thirty semi-annual installments	13.8% to 16.25%		597145000	28716355	729825442	0	0	397140000	383794056	693392042
			<b>Total (v)</b>	<b>997145000</b>	<b>207316558</b>	<b>729825442</b>	<b>0</b>	<b>0</b>	<b>997140000</b>	<b>383794056</b>	<b>693392042</b>
			<b>Total (vi)</b>	<b>5067342102</b>	<b>1318671646</b>	<b>9558076457</b>	<b>0</b>	<b>1042417005</b>	<b>5044530018</b>	<b>1385297064</b>	<b>4439632354</b>
			<b>Grand Total (A + B + v)</b>	<b>82959718608</b>	<b>3068570896</b>	<b>59551147755</b>	<b>7316446301</b>	<b>3113437958</b>	<b>67162727011</b>	<b>4524927503</b>	<b>63618592108</b>

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**Director (Commercial)**  
**U.P. Trans Power Corp. Limited**  
**Shakti Bhawan Extn., Lucknow**

UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED  
14, ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.  
DISCLOSURES OF DEFAULT IN DEBT SERVICING AS REQUIRED IN SCHEDULE-VI

Annexure-B to Note 4  
(Amount in ₹)

Loans	Repayment Terms			Default as on 31.03.2013			Default as on 31.03.2014		
	Date of Rescheduling	Initial-ments	Repayment Due from	Rate of Interest(%)	Principal	Interest	Principal	Interest	Principal
Unsecured									
(i) Govt of U.P.	2003-04	180 (monthly)	2010-11	13.5% to 15.26%	200840157	479850352	267315558	4943959744	2011-12
Total					200840157	479850352	267315558	4943959744	

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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2014	As at 31.03.2013
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**NOTE '5' - OTHER LONG-TERM LIABILITIES**

Interest accrued but not due on REC	2,519,812,806	2,589,783,517
<b>Total</b>	<b>2,519,812,806</b>	<b>2,589,783,517</b>

**NOTE '6' - OTHER CURRENT LIABILITIES**

Current Maturities of Long-term Debt	4,524,627,903	3,408,570,886
<b>Interest accrued &amp; due on borrowings</b>		
Govt. of U.P.	4,943,959,744	4,796,530,352
REC	69,970,711	63,537,178
Interest accrued but not due on borrowings	667,663,310	616,902,764
Liability for Capital Supplies/Works	7,294,854,838	5,842,986,059
Liability for O & M Supplies/Works	511,187,087	585,401,775
Staff Related Liabilities	1,190,761,215	1,479,279,884
Deposit & Retentions from Suppliers & Others	3,665,447,553	3,788,977,440
Deposit Works for DISCOMS	65,793,828	-
Deposit for Electrification Works	10,163,113,278	7,109,842,770
<b>Inter-Corporation Balances<sup>1</sup></b>		
UPPCL	409,222,129	157,134,268
KESCO	108,240,392	23,840,420
Dakshinanchal VVNL	31,187,990	68,811,636
Madhyanchal VVNL	225,379,614	232,501,481
Paschimanchal VVNL	15,645,199	13,032,807
Poorvanchal VVNL	36,337,830	35,922,837
Sundry Liabilities	873,971,501	126,833,276
Liabilities for Expenses	48,035,648	45,180,326
<b>Liabilities towards UP Power Sector</b>		
<b>Employee Trust</b>		
Provident Fund Liabilities	607,868,589	811,457,362
Add : Interest provision <sup>2</sup>	264,844,066	-
	872,712,655	811,457,362
Pension & Gratuity Liability	690,448,971	891,821,718
<b>Liabilities towards UPPCL CPF Trust</b>		
CPF Liability	119,412,080	142,143,576
Add : Interest provision <sup>2</sup>	30,416,751	-
	149,828,831	142,143,576
<b>Balance with Government Authorities:</b>		
Fringe Benefit Tax - Provision	12,183,959	12,183,959
Less: Advance Tax	12,171,251	12,708
	12,171,251	12,708
<b>Total</b>	<b>36,558,402,935</b>	<b>33,242,621,523</b>

Note: Details of Current Maturity of Long Term Borrowings (Refer Annexure A) is annexed with Note No. 4

Disclosure:- 1) Inter-Corporations Transactions: The Reconciliation of balance of Inter-Corporations Transactions of ₹ 62.60 crores (credit) shown in the Balance Sheet (Previous year credit balance of ₹ 53.12 crores) is in process and effect of reconciliation, if any, will be accounted for in the accounts of subsequent years.

Disclosure:- 2) Refer disclosure to Note no. 21 (Disclosure no.2) for details.

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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED  
14-AASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

NOTE OF TANGIBLE ASSETS AS AT 31.03.2014

NOTE - 02  
(Amount in ₹)

Particulars	GROSS BLOCK			DEPRECIATION AND AMORTISATION			NET CARRYING VALUE	
	As at 01.04.2013	Addition	Deduction/ Adjustment	As at 31.03.2014	Addition	Deduction/ Adjustment	As at 31.03.2014	Balance as at 31.03.2013
Land & Land Rights								
(a) Land Owned under title	317,701,762	4,360,703	-	322,062,465	-	-	322,062,465	317,701,762
(b) Land Owned under lease	592,054	-	-	592,054	-	-	592,054	592,054
<b>Total (a+b)</b>	<b>318,293,816</b>	<b>4,360,703</b>	<b>-</b>	<b>322,654,519</b>	<b>-</b>	<b>-</b>	<b>322,654,519</b>	<b>318,293,816</b>
Buildings	3,036,154,612	873,697,243	-	3,909,851,855	102,043,179	80,576	3,931,324,458	2,022,265,944
Other Civil Works	442,945,422	37,971,743	-	480,917,165	4,728,399	-	485,645,564	261,083,377
Plant & Machinery	46,932,875,192	6,170,494,557	975,991,895	52,127,377,854	2,325,551,929	371,625,103	54,181,704,680	28,454,108,549
Lines, Cables Network etc.	34,906,518,105	5,556,767,239	36,814,535	40,468,470,759	1,689,735,023	10,410,635	41,168,805,157	16,245,503,196
Vehicles	34,946,204	185,496	151,027	34,979,673	1,675,225	99,025	36,654,873	4,345,651
Furniture & Fixtures	15,518,972	10,126,063	8,387	25,636,628	582,528	7,348	26,219,808	7,806,573
Office Equipments	36,096,756	2,934,650	-	39,031,406	3,546,955	-	42,578,361	18,992,205
Other assets	703,477,366	136,581	-	703,613,947	33,415,132	-	737,029,079	352,873,367
<b>Total</b>	<b>98,429,755,435</b>	<b>12,066,657,265</b>	<b>1,012,965,815</b>	<b>109,483,447,945</b>	<b>4,161,089,489</b>	<b>384,242,878</b>	<b>113,268,294,616</b>	<b>48,656,330,732</b>
Previous Year	81,851,344,359	5,563,075,576	894,659,509	86,429,758,426	3,934,082,634	336,573,638	90,125,267,422	47,675,025,852

NOTE OF INTANGIBLE ASSETS AS AT 31.03.2014

NOTE - 03  
(Amount in ₹)

Particulars	GROSS BLOCK			DEPRECIATION AND AMORTISATION			NET CARRYING VALUE	
	As at 01.04.2013	Addition	Deduction/ Adjustment	As at 31.03.2014	Addition	Deduction/ Adjustment	As at 31.03.2014	Balance as at 31.03.2013
Intangible Asset Software	13,082,095	104,885	-	13,186,980	511,837	-	13,698,817	10,544,909
<b>Total</b>	<b>13,082,095</b>	<b>104,885</b>	<b>-</b>	<b>13,186,980</b>	<b>511,837</b>	<b>-</b>	<b>13,698,817</b>	<b>10,544,909</b>
Previous Year	554,445	12,527,650	-	13,082,095	2,532,382	-	15,614,477	539,671

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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2014	As at 31.03.2013
<b>Note '9' - Capital Work in Progress</b>		
Capital Work in Progress *	18,620,132,028	19,998,147,292
Revenue Expenses pending for Capitalisation upto Previous Year **	4,167,261,910	2,215,777,614
Add: Addition during the year	3,253,485,000	2,618,955,000
Less: Capitalisation during the year	2,179,900,450	667,470,704
<b>Total</b>	<b>23,860,978,458</b>	<b>24,165,409,202</b>

**Notes:-**

\* It includes Establishment and Administration & General Cost

\*\* It includes Borrowing Cost only related to works

**Note '10' - Long Term Loan & Advances**

Advances to Suppliers/Contractors	32,378,546,295	29,577,130,504
Less: Provision for Doubtful Advances against Capital Works *	40,324,991	816,729,862
<b>Total</b>	<b>32,338,221,304</b>	<b>28,760,400,642</b>

Disclosure :- 1) Refer disclosure (a) to note no. 23 for details.

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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2014	As at 31.03.2013
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**NOTE '11' - INVENTORY**

**Stores & Spares**

(a) Stock of Materials-Capital Works	7,382,664,574	7,197,521,925
(b) Stock of Materials-O&M	117,548,463	277,382,160
(c) Other Materials*	229,585,546	208,689,696
	<u>7,729,798,583</u>	<u>7,683,593,781</u>
<b>Sub Total</b>	<b>7,729,798,583</b>	<b>7,683,593,781</b>
Less: Provision for Obsolete /Unserviceable /Shortage/Loss of Stores	405,412,608	405,412,609
<b>Total</b>	<b>7,324,385,915</b>	<b>7,278,181,112</b>

Note(\*) -Other Material include material issued to fabricators, obsolete material, scrap, transformers sent for repair store, excess/ shortage pending for investigation and material in transit.

**NOTE '12' - TRADE RECEIVABLES**

**Unsecured, Considered Good**

a) Outstanding for a period exceeding six months from the date they are due for payment	20,229,157,244	21,539,557,981
b) Other Debts	5,028,054,677	6,136,040,006
<b>Total</b>	<b>25,257,211,921</b>	<b>27,675,597,987</b>

**Details of Trade Receivables :-**

Madh. V.V.N.L.	4,583,484,934	5,034,607,978
Pur. V.V.N.L.	5,538,865,771	6,074,487,060
Pash. V.V.N.L.	8,053,052,990	8,825,813,554
Daksh. V.V.N.L.	5,750,839,677	6,339,885,997
KESCO	1,131,474,186	1,245,264,045
Others	189,694,363	161,539,363
	<u>25,257,211,921</u>	<u>27,675,597,987</u>

**NOTE '13' - CASH AND CASH EQUIVALENTS**

(a) Cash in Hand (including Stamps in Hand)	688,999	638,265
(b) Balance with Banks		
in Current & Other Account	4,338,676,326	1,694,477,263
in Fixed Deposit Account	4,946,012,310	1,914,085,286
<b>Total</b>	<b>9,285,377,635</b>	<b>3,609,200,754</b>

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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	As at 31.03.2014	As at 31.03.2013
<b>NOTE '14' - SHORT TERM LOANS AND ADVANCES</b>		
Unsecured, Considered Good		
Advances to Employees (Adjustable/recoverable from salary)	2,938,299	2,787,468
Tax Deducted at Source	47,754,726	40,589,722
Advances to Suppliers/Contractors	518,409,364	454,080,767
Less: Provision for Doubtful loan & Advances <sup>1</sup>	6,236,502	39,917,855
<b>Total</b>	<b>562,865,887</b>	<b>457,440,102</b>

Disclosure:- 1) For details refer note 23 disclosure (a)

**NOTE '15' - OTHER CURRENT ASSETS**

Unsecured, Considered Good				
Inter Corporation Balances :				
UPRVUNL	36,846,839		150,077,086	
UPJVNL	3,434,784	40,281,623	3,434,784	153,511,870
Receivables :				
Employees	38,650,717		37,253,952	
Others	397,979,702		124,353,338	
<b>Total</b>	<b>436,530,419</b>		<b>161,607,290</b>	
Less: Provision for Doubtful Receivables <sup>1</sup>	22,572,243	413,958,176	32,263,833	129,343,457
Inter-Unit Transfers <sup>2</sup>		4,744,115,429		975,337,722
Interest accrued but not due on F.D.		2,522,496		219,548
Prepaid Expenses		57,883		1,392,483
Theft of Fixed Assets pending investigation	1,130,636		1,130,636	
Less: Provision for Estimated Losses	1,130,636		1,130,636	
<b>Total</b>		<b>5,200,935,607</b>		<b>1,259,835,080</b>

Disclosure:- 1) For details refer note 23 disclosure (b)

Disclosure:- 2) Inter Unit Transactions: The Reconciliation of balance of Inter Unit Transactions of ₹474.41 crores (debit) shown in the Balance Sheet (Previous year debit balance of ₹97.53 crores) is in process and effect of reconciliation, if any, will be accounted for in the accounts of subsequent years.

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**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)		
Particulars	For the year ended 31.03.2014	For the year ended 31.03.2013

**NOTE '16' - REVENUE FROM OPERATIONS**

**Sale of Services**

Transmission Charges <sup>1</sup>	10,501,073,757	12,858,192,345
Open Access Charges	222,916,887	209,647,377
SLDC Charges <sup>2</sup>	25,360,662	19,935,222

<b>Revenue from operations (Gross)</b>	<b>10,749,351,306</b>	<b>13,087,774,944</b>
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Less: Excise Duty/Service Tax Recovered

<b>Revenue from Operation (Net)</b>	<b>10,749,351,306</b>	<b>13,087,774,944</b>
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*Disclosure:- 1) The transmission charges related to intra-state transmission of energy has been accounted for on the basis of tariff approved by the UPERC i.e. ₹ 0.1350/kwh. Energy transmitted/wheeled during the year was 77785.731543 MU. (Previous year-73897.657156 MU).*

*Disclosure:- 2) As a part of separate function of SLDC, the company is maintaining separate account for SLDC. The break-up of charges relating to SLDC is given below.*

Annual Charges	7,682,208	8,600,000
Application fee/Concurrence fee	3,600,000	2,105,000
Misc Income	349,320	72,156
SLDC Charges	10,134,000	8,678,066
SLDC Fee	3,276,000	-
Lease Fee Charges	23,134	-
<b>Total</b>	<b>25,360,662</b>	<b>19,935,222</b>

**NOTE '17' - OTHER INCOME**

**Interest Income on :**

Fixed Deposits	55,132,467	25,405,485
Loans to Staff	24,484	31,790
Others	20,258,350	5,996,836
	<b>75,415,301</b>	<b>31,433,891</b>

<b>Maintenance &amp; Shutdown Charges</b>	<b>76,228,320</b>	<b>98,209,961</b>
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**Other Non-Operating Income**

Income from Contractors/Suppliers	67,488,300	61,152,088
Rental From Staff	525,916	728,953
Miscellaneous Receipts	6,102,994	15,904,829
Subsidies and Grants Received (against loss on account of flood, fire, cyclone etc.)	-	-

<b>Total</b>	<b>225,760,831</b>	<b>207,420,722</b>
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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

Particulars	(Amount in ₹)	
	For the year ended 31.03.2014	For the year ended 31.03.2013

**NOTE '18' - EMPLOYEE BENEFIT EXPENSES**

Salaries & Allowances	1,580,338,960	1,502,269,489
Dearness Allowance	1,245,722,754	1,000,159,208
Bonus/ Ex-gratia	18,961,530	21,456,864
Other Allowances	114,476,902	107,427,233
Pension & Gratuity <sup>1</sup>	402,641,106	389,337,546
Medical Expenses(Re-imbursement)	20,327,486	11,487,724
Leave Travel Assistance	805,273	17,468
Earned Leave Encashment <sup>2</sup>	256,022,767	149,548,061
Compensation	-	2,483,754
Contribution to Provident & Other Funds	68,743,355	47,562,534
Expenditure on Trust	4,284,677	4,156,759
Staff Welfare Expenses	1,889,587	2,005,139
Common Expenditure(Charged by UPPCL)	238,593,827	211,716,355
<b>Sub Total</b>	<b>3,950,608,324</b>	<b>3,449,608,134</b>
Less: Expenses Capitalised	785,787,701	751,245,205
<b>Total</b>	<b>3,164,820,623</b>	<b>2,698,362,929</b>

Disclosure :- 1) Based on actuarial valuation report dated 09.11.2000(adopted by Board of Directors of UPPCL) provisions for accrued liability on account of pension and gratuity has been made @ 15.70% and 2.38% respectively on the amount of basic pay and grade pay plus DA. The company has initiated the process of getting actuarial valuation afresh for recognizing the liability for the Pension and Gratuity.

Disclosure :- 2) Leave encashment, medical benefits and LTC are accounted for on the basis of claims received and approved during the year.

**NOTE '19' - FINANCE COSTS**

**(A) Interest expenses**

<b>Long term loans</b>				
Government of UP	145,429,392		145,429,392	
PFC	2,599,663,481		2,326,389,805	
NCRPB			5,896,661	
REC	5,480,117,203	8,225,210,076	4,420,297,670	6,897,923,528

**(B) Other Borrowings Cost**

Guarantee Charges	28,488,557		29,232,343	
Bank Charges	250,915		417,777	
<b>Sub Total</b>	<b>8,253,949,548</b>		<b>6,927,573,648</b>	
Less: Interest Capitalised <sup>1</sup>	3,253,485,000		2,618,955,000	
<b>Total</b>	<b>5,000,464,548</b>		<b>4,308,618,648</b>	

Disclosure :- 1) Borrowings cost during construction stage of capital assets are apportioned on the average balance of capital work in progress for the year. The determination of amount of borrowing cost attributable to capital works are capitalized as per the computation method given in the Electricity (Supply) (Annual Accounts) Rules 1985.

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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

Particulars	(Amount in ₹)	
	For the year ended 31.03.2014	For the year ended 31.03.2013

**NOTE '20' - DEPRECIATION & AMORTIZATION  
EXPENSES**

**Depreciation & Amortization on Fixed Assets :**

Buildings	101,521,754		88,893,662	
Other Civil Works	56,748,968		7,673,635	
Plant & Machinery	2,597,416,262		2,159,862,660	
Lines, Cable Network etc.	1,354,741,735		1,615,605,550	
Vehicles	1,824,865		1,933,558	
Furniture & Fixtures	1,009,352		937,027	
Softwares	811,837		1,726,023	
Office Equipments	5,465,866		3,811,794	
Other Assets	33,451,990	4,152,992,649	33,395,720	3,913,839,629
Less: Amount amortised in the proportion in which the dep. has been charged on Assets acquired out of the Consumer's Contribution towards capital works		172,815,848		164,445,201
<b>Total</b>		<b>3,980,176,801</b>		<b>3,749,394,428</b>

Disclosure :- 1) (a) Depreciation has been charged on Straight Line Method at the rates specified in Schedule XIV of the Companies Act, 1956. (b) Depreciation on additions to / deductions from fixed assets during the year is charged on Pro rata basis. (c) Depreciation on borrowing costs apportioned, allocated and capitalised (Buildings, Plant & Machinery and Cables, Lines & Network) has been charged at prescribed rates for full year on opening balance and for half year on additions during the year.

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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

(Amount in ₹)

Particulars	For the year ended 31.03.2014	For the year ended 31.03.2013
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**NOTE '21' - ADMINISTRATIVE, GENERAL & OTHER EXPENSES**

Payment to Auditor <sup>1</sup>		
(a) Audit fee	1,150,678	566,162
(b) Reimbursement of Out of Pocket Expenses	708,338	576,125
Advertisement Expenses	16,584,276	8,815,243
Communication Charges	19,733,669	18,851,921
Consultancy Charges	1,083,588	119,207
Electricity Expenses	4,153,798	8,418,024
Entertainment	31,500	7,500
Expenditure on Trust	205,578	187,858
Insurance	492,893	300,728
Interest on GPF & CPF Balance <sup>2</sup>	91,109,433	-
Legal Charges	5,197,742	5,283,917
Loss on theft of fixed assets	-	84,964
Miscellaneous Expenses	67,970,139	45,266,577
Printing & Stationery	6,915,691	6,719,074
Rates & Taxes	8,262,548	5,411,715
Rent	2,170,251	1,554,571
Technical Fees & Professional Charges	3,580,165	4,117,103
Travelling & Conveyance	44,711,721	41,318,912
Water Charges	21,026	2,578,824
Common Expenditure (Charged by UPPCL)	10,768,634	12,049,799
<b>Sub Total</b>	<b>285,951,666</b>	<b>169,326,244</b>
Less: Expenses Capitalised	76,162,395	95,754,645
<b>Sub Total</b>	<b>209,789,271</b>	<b>64,571,599</b>
Compensation (Other than staff)	-	-
Other losses	547,909	86
<b>Total</b>	<b>210,337,180</b>	<b>64,571,685</b>

**Disclosure:- 1) Auditor Remuneration  
Statutory Auditors :-**

As Audit fee (inclusive of Service Tax wherever applicable)

F.Y. 2012-13 - Fee revision Differential	242248	566,162
F.Y. 2013-14	908430	1150678
Reimbursement of Out of Pocket Exps.	708,338	576,125
(Audit fee revised in F.Y. 2014-15 w.e.f. from F.Y. 2012-13)		
<b>Total</b>	<b>1859016</b>	<b>1242397</b>

Disclosure:- 2) In compliance to A.G. Audit Observation, Provision for interest on outstanding balances of GPF & CPF w.e.f. 2007-08 to 2013-14 to the tune of ₹29.52 crores (₹28.48 crores on GPF & ₹1.04 crores on CPF) has been made during F.Y. 2013-14 out of which ₹9.11 (₹7.81 crores on GPF and ₹1.30 crores on CPF) crores) pertaining to 2013-14 has been charged to current year expense and ₹20.41 crores for the period 2007-08 to 2012-13 has been debited to prior period expenses (sub head : Administrative & General Expenses) which would otherwise have an impact of decrease in both loss before tax and current liability by ₹29.52 crores.

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**Director (Commercial)**  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

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**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14-ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.

Particulars	(Amount in ₹)	
	For the year ended 31.03.2014	For the year ended 31.03.2013

**NOTE '22' - REPAIRS & MAINTENANCE EXPENSES**

Plant & Machinery	1,304,394,528	1,191,503,667
Buildings	71,911,505	56,111,488
Other Civil Works	22,791	1,396,683
Lines, Cables Networks etc.	232,153,634	179,746,167
Vehicles-Expenditure	52,547,825	42,855,262
Less: Transferred to Different Capital & O&M Works/Administrative Exp.	52,547,825	42,855,262
Expenditure on Contractual Manpower	91,534,747	3,666,914
Less: Transferred to Different Capital & O&M Works/Administrative Exp.	91,534,747	3,666,914
Furniture & Fixtures	1,750	65,020
Softwares	2,308,660	1,746,470
Office Equipments	1,126,416	795,998
<b>Total</b>	<b>1,611,919,284</b>	<b>1,431,365,493</b>

\* Has been regrouped for disclosure of expenditure on contractual manpower.

**NOTE '23' - BAD DEBTS & PROVISIONS**

Doubtful advances(Suppliers/Contractor)	(33,681,353)	-
Doubtful other Current Assets(Receivables)	(9,691,590)	-
Doubtful advances against Capital works	(776,404,871)	-
<b>Total</b>	<b>(819,777,814)</b>	-

Disclosure:- (a) In light of A.G. Audit observation on Annual Accounts of the company for F.Y.2012-13 on discontinuation of practice for making provision for doubtful loans and advances, the provision made during the period from 2007-08 to 2011-12 has been withdrawn which would otherwise have an impact of increase in loss and decrease in "Advances given to Suppliers/Contractors" by ₹ 81.01 crores (on Capital Adv. ₹ 77.64 crores and O&M Adv. ₹ 3.37 crores). The value of provision taken in opening balances on 01/04/2007 i.e. ₹ 4.65 crores. (on Capital Adv. ₹ 4.03 crores and O&M Adv. ₹ 0.62 crores) for which the similar effect, if required, will be given on finalization of transfer scheme.

(b) In light of point no.(a) as above Provision for "Doubtful Receivables against Employees & Others" appearing under the head "Other Current Assets" has been withdrawn which would otherwise have an impact of increase in loss and decrease in "Other Current Assets" by ₹ 0.97 crores which excludes opening balances as on 01.04.07 i.e. ₹ 0.39 crores for which effect will be given on finalization of transfer scheme and balances thereof. The balance in provision includes ₹ 1.86 crores in ETLEU, Varanasi where 100% provision has been made in the earlier year.

**NOTE '24' - NET PRIOR PERIOD INCOME/(EXPENDITURE)**

**(a) Income**

Interest Income	-	(783,321,972)
Other Income	12866	40,000
Other Excess Provisions	-	-
<b>Sub Total (A)</b>	<b>12,866</b>	<b>(783,281,972)</b>

**(b) Expenditure**

O&M Expenses	304,506	3,528,121
Employee Cost	20,296,484	5,543,401
Interest & Finance Charges	0	9,219,016
Administrative & General Exp	287,880,334	3,374,766
Depreciation under/excess provided	4,990,125	7,511,163
<b>Sub Total (B)</b>	<b>313,471,449</b>	<b>30,176,467</b>
<b>Net Amount (A-B)</b>	<b>(313,458,583)</b>	<b>(813,458,439)</b>

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Director (Commercial)  
U.P. Trans Power Corp. Limited



UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED

NOTE NO. 25

SIGNIFICANT ACCOUNTING POLICIES

**25.1). GENERAL**

(a) The financial statements are prepared in accordance with the provisions of the Companies Act, 1956. However where there is a deviation from the provisions of the Companies Act, 1956 in preparation of these accounts, the corresponding provisions of Electricity (Supply) (Annual Accounts) Rules 1985 have been adopted.

(b) The accounts are prepared on Historical Cost Convention, on accrual basis unless stated otherwise and on accounting assumption of going concern.

(c) Subsidy, Grant, Insurance and Other Claims, Refund of Custom duty, Interest on Income Tax & Trade Tax are accounted for on cash basis. Interest on loans to staff is accounted for on receipt basis after the recovery of principal in full.

**25.2). FIXED ASSETS**

(a) Fixed Assets are shown at historical cost less accumulated depreciation. Revaluation of Fixed Assets is not permitted in light of the provisions contained in Annexure III - Basic Accounting Policies of The Electricity (Supply) (Annual Accounts) Rules, 1985.

(b) All costs relating to the acquisition and installation of fixed assets till the date of commissioning are capitalized.

(c) Consumer Contribution 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 case of commissioned assets, where final settlement of bills with the contractor is yet to be affected, capitalization is done, subject to necessary adjustment in the year of final settlement.


(e) Due to multiplicity of functional units as well as multiplicity of function at particular unit, employee cost and general & administration expenses are capitalized on the basis of amount of total expenditure of Capital works as follows:

In case of Capital Transmission works

- (i) @10% on 132 & 220 KV Substations and Lines.
- (ii) @8% on 400 KV Substations and Lines, and
- (iii) @6% on 765 KV Substations and Lines.


In case of deposit works @ 15% and in case of other Capital works @ 11%.

(f) Borrowings cost during construction stage of capital assets are apportioned on the average balance of capital work in progress for the year. The determination of amount of borrowing cost attributable to capital works are capitalized as per the computation method given in the Electricity (Supply) (Annual Accounts) Rules 1985.

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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

### 25.3). DEPRECIATION

- (a) Depreciation is charged on Straight Line Method at the rates specified in Schedule XIV of the Companies Act 1956.
- (b) Depreciation on additions to / deductions from fixed assets during the year is charged on Pro rata basis.
- (c) The fixed assets are depreciated upto 95% of original cost.

### 25.4). 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.

### 25.5). REVENUE RECOGNITION

- (a) Transmission revenue is incorporated in the accounts on the basis of tariff approved by the UPERC for intra-state transmission of energy. Any difference in transmission tariff approved by UPERC and the actual tariff presented in the true-up on the basis of audited accounts is accounted for on the decision of the UPERC on true-up petition.
- (b) In case of Inter State transmission, revenue from transmission of energy /open access is recognized /accounted for on cash basis at the tariff approved by NRLDC.

25.6). All prior period income & expenditure are shown in the current period as a distinct item.

### 25.7). EMPLOYEE BENEFITS

- (a) Liability for Pension and 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, medical benefits and LTC are accounted for on the basis of claims received and approved during the year.

### 25.8). PROVISIONS, CONTINGENT LIABILITIES AND CONTINGENT ASSETS

- (a) Accounting of the Provisions has been made on the basis of estimated expenditure to the extent possible as may be required to settle the present obligation.
- (b) Contingent liabilities have been disclosed in the Notes on Accounts.
- (c) The Contingent assets of unrealisable income have not been recognised.

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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED

NOTE NO. 26

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

26.1) (a) The Uttar Pradesh Power Transmission Corporation Limited (UPPTCL) came into existence when in compliance to GO UP letter No. 293 dated 16.05.2006, the Name and Object Clause of the Memorandum of Association of the erstwhile Uttar Pradesh Vidyut Vyapar Nigam Limited (incorporated on 31.05.2004) was changed on 13.07.2006.

(b) The State Government through Gazette Notification No. 2974(1)/24-P-2-2010 dated Dec 23, 2010, notified the Provisional Transfer Scheme for the purpose of the transfer of the transmission activities from U.P. Power Corporation Ltd. (UPPCL), to the Uttar Pradesh Power Transmission Corporation Limited (UPPTCL), wherein the scope of the business, assets & liabilities of the UPPTCL and other incidental and consequential matters were laid down. Under the Provisional Transfer Scheme the effective date was defined as 01.04.2007, the date since then the UPPTCL had started working as separate entity for the business of transmission and related activities. The UPPTCL is a state transmission utility in terms of section 39 of the Electricity Act 2003.

Vide Notification No. 2974/XXIV-P-2-2010 dated December 23, 2010, the State Government also notified the Provisional Transfer Scheme for the purpose of transfer of personnel and proceedings related thereto to the transmission undertaking. The finalization of the Scheme for the same is in process.

26.2) Where historical cost of a discarded/retired/obsolete fixed assets is not available, the estimated value of such asset and depreciation, thereon, has been adjusted and accounted for.

26.3) On the overall basis the assets other than fixed assets have a value on realization in the ordinary course of business at least equal to the amounts at which they are stated in the balance sheet.

26.4) Earning/Expenditure in foreign currency :-

Particulars	For the year ended 31.03.2014	For the year ended 31.03.2013
(a) CIF value of Imports	NIL	NIL
(b) Earning in Foreign Currency	NIL	NIL
(c) Any Expenditure in Foreign Currency		
Travelling Expenses(USD)		892
Consultation Charges(USD)	222,313	-
<b>Total</b>	<b>222,313</b>	<b>892</b>

26.5) Since the Corporation is principally engaged in the business of transmission of electricity and there is no other reportable segment as per AS-17, hence the disclosure as per AS-17 on segment reporting is not required. However the transactions of activities relating to separate function of SLDC have already been specified in disclosure to Note 16.

26.6) Contingent Liabilities and Capital Commitments(to the extent ascertainable and not provided for)

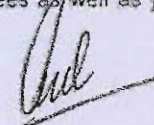
(₹ in Crores)

Particulars	As at 31.03.2014	As at 31.03.2013
(i) Estimated amount of contracts remaining to be executed on capital accounts and not provided	982.22	1098.82
(ii) Other claims against company not acknowledged as debts	30.85	21.14
<b>Total</b>	<b>1013.07</b>	<b>1119.96</b>

Other than as stated above, liabilities, if any, arising out of cases/claims filed by employees as well as parties against corporation are unascertainable as such the same shall be met on arising thereof.

  
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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



26.7) Nothing adverse regarding compliance of the provisions in respect of units covered under the MSMED Act 2006, regarding the amount of unpaid liabilities and interest thereon as required u/s 22 of the said Act has been reported either by the Zonal units of UPPTCL or the concerned parties covered under the Act.

**26.8) RELATED PARTY INFORMATION :-**

As per AS-18 issued by the Institute of Chartered Accountants of India, the Company's related party are as under:

**a) List of Related Parties(key management personnel):**

**I. Key management personnel & their relatives:**

Name	Designation	Working Period (for F.Y. 2013-14)	
		Appointment	Retirement/ Cessation as on 31.03.2014
Shri Alok Kumar	Chairman & Managing Director	08.02.2013	01.06.2013
Shri Kamran Rizvi	Chairman & Managing Director	11.06.2013	Working
Shri Sanjiv Mittal	Prin Secy.(Energy) & Director	22.04.2013	17.05.2013
Shri Sanjay Agarwal	Prin.Secy.(Energy) & Director	17.05.2013	Working
Shri A.P.Mishra	MD UPPCL & Director	22.04.2013	Working
Shri S.K.Agarwal	Director(Finance)	09.01.2009	Working
Shri Neel Ratan Kumar	Director	06.10.2010	Working
Shri S.K.Gupta	Director	07.06.2011	Working
Shri Ravi Shanker Pandey	Director(Personnel & Management)	21.11.2011	30.06.2013
Shri Ashok Kumar Singh	Director(Operation)	21.11.2011	26.09.2013
Shri Sunil Kumar Garg	Director(Work & Project)	21.11.2011	Working
Shri Sunil Kumar Garg	Director(Personnel & Management) Additional Charge	27.09.2013	06.12.2013
Shri Om Prakash Jain	Director(Commercial)	25.11.2011	04.11.2013
Shri Pramod Gopalrao Khandalkar	Director(Commercial)	17.01.2014	Working
Shri Shatanshu Agrawal	Director(Operation)	06.12.2013	Working
Shri Ram Vishal Pandey	Director(Personnel & Management)	06.12.2013	Working
Shri Neeraj Krishna	Director	20.03.2014	Working
Shri Prabhakar Singh	Director	11.12.2012	Working

**b) Transactions**

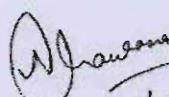
(Amount in ₹)

Particulars	2013-14	2012-13
	Referred in (a) (i)	Referred in (a) (i)
Salary & Allowances	4695918	5977764
Contribution to Gratuity/Pension/PF	179299	209117
Debts due from Directors	Nil	Nil

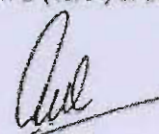
(c) The Chairman, Managing Director and other Directors who have been appointed/posted by the Govt. of U.P. for the UPPCL and have the additional charge of the company also, have drawn their remuneration from the UPPCL as per their entitlement.


(d) The company has no related party enterprises other than state owned enterprises, detail/transactions of which have not been disclosed in view of Para '9' of AS-18 "Related Party Disclosures" which exempts State Controlled Enterprises from making any disclosure pertaining for their transactions with other related parties which are also State Controlled.

26.9) An accounting of Deferred Tax Assets has not been considered in accounts on prudent basis as the company is not certain about substantial income in near future due to unabsorbed accumulated losses of ₹ 1372.48 crore. It includes the accumulated loss amounting to ₹ 976.27 crore which has been transferred by the UPPCL under the Provisional transfer scheme and ₹ 57.88 crore accumulated losses pertaining to prior to transfer scheme has been debited in financial year 2011-12. The transfer of the transmission undertaking from the transferor (UPPCL) to the transferee (UPPTCL) under the above transfer scheme shall be a de-merger of the transferor within the meaning of Section 2 (19AA) of the Income Tax Act, 1961.

  
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Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



26.10 Basic and diluted earnings per share has been shown in the Profit & Loss Account in accordance with AS-20(EPS). Basic earnings per share have been computed by dividing net loss after tax by the weighted average number of equity shares outstanding during the year. Numbers used for calculating diluted earnings per equity share includes the amount of equity share money (pending for allotment).


Particulars	(Amount in ₹)	
	For the year ended 31.03.2014	For the year ended 31.03.2013
<b>(I) Basic EPS</b>		
Profit after Tax as per Profit & Loss A/c (A)	(2,486,287,068)	229,424,044
Weighted Average Number of Equity Shares (B)	50579267	28498933
Basic Earning Per Share (A/B)	(49.16)	8.05
Face Value per share	1000	1000
<b>(II) Diluted EPS</b>		
Profit after Tax as per Profit & Loss A/c (A)	(2,486,287,068)	229,424,044
Weighted Average Number of Equity Shares (B)	56086831	47330933
Diluted Earning Per Share (A/B)	(44.33)	4.85
Face Value per share	1000	1000

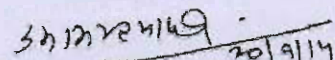
26.11) Disclosure as per AS-29 is as under :-

Particulars	Movement of Provisions			
	Balance as on 01.04.2013	Provision made during the year	Provision adjusted during the year	Balance as on 31.03.2014
	₹	₹	₹	₹
(i) Provision for doubtful advances against capital works	816,729,862	-	776,404,871	40,324,991
(ii) Provision for obsolete /unserviceable/shortage/loss of stores	405,412,669	-	1	405,412,668
(iii) Provision for doubtful receivables	32,263,833	-	9,691,590	22,572,243
(iv) Provision for losses due to theft of fixed assets	1,130,636	-	-	1,130,636
(v) Provision for doubtful advances against O&M works	39,917,855	-	33,681,353	6,236,502
<b>Total</b>	<b>1,295,454,855</b>	<b>-</b>	<b>819,777,815</b>	<b>475,677,040</b>

26.12) Previous year figures have been regrouped/ reclassified/recasted wherever considered necessary.

26.13) The figures as shown in the Balance Sheet, Profit & Loss Statement and Notes to accounts have been rounded off to the nearest rupee.

  
(Neeraj Chaurasia)  
Accounts Officer

  
(Dr. Uma Kant Yadav)  
Dy. General Manager  
(Accounts)

  
(A.K. Gupta)  
General Manager  
(Accounts)

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



**UTTAR PRADESH POWER TRANSMISSION CORPORATION LIMITED**  
14, ASHOK MARG, SHAKTI BHAWAN, LUCKNOW.  
**CASH FLOW STATEMENT FOR THE YEAR ENDED 31st MARCH 2014**

		(Amount in ₹)	
S.No.	Particulars	For the year ended 31st March 2014	For the year ended 31st March 2013
A)	<b>Cash Flow from Operating Activities</b>		
	Net Profit/(Loss) before Prior Period Income/(Exp), Tax but after Extraordinary Item	(2,172,828,485)	1,042,882,483
	Add/Loss on sale of fixed assets		84,964
	Net Profit/(Loss) before Prior Period Income/(Exp), Tax and Extraordinary Item	(2,172,828,485)	1,042,967,447
	Adjustment for :-		
a)	Depreciation	4,161,901,308	3,035,605,026
b)	Interest & Finance Charges	5,000,464,548	4,308,618,648
c)	Provision for Bad & Doubtful Debts	(819,777,814)	
d)	Provision for Bad & Doubtful Debts written back (Trade Receivables)		
e)	Provision for obsolete/unserviceable stores/loss of stores adjusted		
f)	Provision for Estimated Losses	(1)	(3,167)
g)	Interest Income		94,964
h)	Prior Period Expenditure (Net)	(75,415,301)	(31,432,891)
	<b>Operating Profit Before Working Capital Changes</b>	<b>5,780,885,666</b>	<b>8,443,380,588</b>
	Adjustment for :-		
a)	Decrease/(Increase) in Inventories (Stores & Spares)	146,204,802	(659,659,013)
b)	Decrease/(Increase) in Trade Receivables	2,418,388,066.00	(11,749,902,885)
c)	Decrease/(Increase) in Other Current Assets	(3,031,408,537)	(1,032,197,430)
d)	Decrease/(Increase) in Short-Term Loans & Advances	(71,544,432)	(68,659,656)
e)	Increase/(Decrease) in Short-Term Borrowing		(2,000,000,000)
f)	Increase/(Decrease) in Other Current Liabilities	3,315,761,412	3,802,921,950
	<b>Cash Generated from Operations</b>	<b>7,465,894,997</b>	<b>(3,464,113,249)</b>
	Taxes paid		
	<b>Cash Flow before Extraordinary Item</b>	<b>7,465,894,997</b>	<b>(3,464,113,249)</b>
	Less/Loss on sale of fixed assets		84,964
	<b>Net cash (used)/flow from Operating Activities (A)</b>	<b>7,465,894,997</b>	<b>(3,464,198,213)</b>
B)	<b>Cash Flow from Investing Activities</b>		
a)	Decrease/(Increase) in Tangible Assets		
a(i)	Tangible Assets adjusted/deducted	(12,699,691,285)	(6,563,073,576)
a(ii)	Depreciation Reserve adjusted/deducted	1,012,965,815	984,659,500
b)	Decrease/(Increase) in Intangible Assets	(384,242,878)	(338,673,628)
b(i)	Intangible Assets adjusted/deducted	(104,895)	(12,527,650)
b(ii)	Depreciation Reserve adjusted/deducted		
c)	Decrease/(Increase) in Work-in-Progress	304,430,744	(5,603,164,540)
d)	Decrease/(Increase) in Long Term Loans & Advances	(2,861,415,791)	(6,519,277,871)
e)	Interest received	75,415,301	31,432,891
	<b>Net cash used in Investing Activities (B)</b>	<b>(14,489,642,909)</b>	<b>(17,418,943,951)</b>
C)	<b>Cash Flow from Financing Activities</b>		
a)	Proceeds from Borrowings(Net)		
b)	Proceeds from Share Capital	3,068,951,325	16,414,347,197
c)	Proceeds from Share Application Money	5,270,000,000	41,419,000,000
d)	Other Long-term Liabilities	5,670,766,000	(35,419,600,000)
e)	Proceeds from Consumers Contribution & Go Up Capital Subsidy	(68,970,711)	(53,537,178)
f)	Amount amortized	919,189,083	305,428,309
g)	Interest & Financial Charges	(176,546,297)	(179,699,434)
	<b>Net cash flow from Financing Activities (C)</b>	<b>(5,000,464,548)</b>	<b>14,308,618,648</b>
	<b>Net Increase/(Decrease) in cash &amp; cash equivalents (A+B+C)</b>	<b>5,676,178,881</b>	<b>(715,221,821)</b>
	<b>Cash &amp; cash equivalents as at beginning of the year</b>	<b>3,609,200,754</b>	<b>4,324,422,575</b>
	<b>Cash &amp; cash equivalents as at end of the year</b>	<b>9,285,377,635</b>	<b>3,609,200,754</b>

**Notes to the Cash Flow Statement:**

(i) Cash & cash equivalents as at end of the year:-

Cash in hand		688,999	638,205
Balance with banks			
in Current & Other Account		4,338,675,326	1,694,477,293
in Fixed Deposit Account		4,646,012,310	1,934,685,286
<b>Total</b>		<b>9,285,377,635</b>	<b>3,609,200,754</b>

(ii) This statement has been prepared under indirect method as prescribed in AS-3.


(iii) Adjustment for depreciation reserve as per Note-B of balance sheet includes the depreciation charged for prior period amounting to ₹5,059,627 (Previous year ₹ 22,765,396)

(iv) Cash and cash equivalents consists of cash in hand, bank balances in current & other account and fixed deposits with banks.

(v) The figures in this statement have been rounded off to the nearest rupee.

(vi) Previous year figures have been regrouped/reclassified/overcast where not considered necessary.

  
(Neeraj Chaurasia)  
Accounts Officer

  
(Dr. Uma Kant Vaidya)  
Dy. General Manager  
(Accounts)

  
(A.K. Gupta)  
General Manager  
(Accounts)

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



## **Annexure-4**

**Scheme wise Capital Investment  
Plan (Ongoing works as well as  
Proposed Works) for FY 2014-15 and  
2015-16**

## Annexure 4

UPPTCL : Financial Capex Plan (As per XII PLAN: 2012-2017)					
Financial Plan (Excluding PPP/ GNDA)					
VOLTAGE LEVEL	S/S or Line	FY 2014-15		FY 2015-16	
		Ongoing	New	Ongoing	New
765kV	S/S	40	0	0	498
	Line	116	0	0	712
400kV	S/S	287	0	0	206
	Line	175	0	189	54
220kV	S/S	207	0	261	428
	Line	259	0	246	322
132kV	S/S	463	69	268	478
	Line	284	0	339	798
TOTAL	S/S	997	69	530	1610
	Line	834	0	775	1886
Overall Total	(S/S + Line)	1831	69	1304	3496
Total		1900		4800	

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



Project Wise Capital Expenditure Plan : Ongoing Works													
Sl. No. (P1)	Zone (P1.1)	Name of Project (P2)	Project Cost	Original Date of Completion	Revised Latest Date of Completion	Reasons for Delay	Loan	Cum. Prog %	Cum. Prog %	Cum. Prog %	Cum. Prog %	Cum. Prog %	Cum. Prog %
			Original Estimate (P3)				(In Cr.)	AS ON 31.03.14 (FY 13-14)	AS ON 31.03.14 (FY 14-15) (As on Date)	AS ON 31.03.15 (FY 14-15) (Estad)	AS ON 31.03.16 (FY 15-16) (Estad)	AS ON 31.03.17 (FY 16-17) (Estad)	AS ON 31.03.18 (FY 17-18) (Estad)
1	1.1	2	3	8	7	8	9	10	11	12	13	14	15
ONGOING SUBSTATIONS													
		765KV SUBSTATION											
1	TE	765 KV S/S Annapurna	396.00	30.04.14			316.8	90	100	100	100	100	100
		TOTAL (A)	396				317						
400KV SUBSTATION													
1	TS	400 KV S/S Alagpur	162.5	13.12.13	Jan'15	Court stay from 15.10.12 to 08.11.13. Firm did not take proper interest.	82	18	30	100	100	100	100
2	TS	400 KV S/S Baran	82.70	13.12.13	Mar'15	No work by the firm.	74.16	45	32	100	100	100	100
3	TS	400 KV S/S Orai	98.08	13.12.13	Mar'15	Undulated land due to which work was stopped for almost six months.	78.684	20	22	100	100	100	100
4	TS	400 KV S/S Mahadeghar II	60.15	18.02.14	Jan'15	No work by the firm.	48.12	24	14	100	100	100	100
		TOTAL (B)	353				283						
220KV SUBSTATIONS													
1	TE	220 KV S/S Rajya (Ballia) (TKSAS)	26.35	25.05.12	30.06.14		20.3	83	12	85	100	100	100
2	TE	220 KV S/S Srinagar (TKSAS)	25.24	25.05.12	17.06.14		20.2	70	10	80	100	100	100
3	TE	220 KV S/S Mirzapur (TKSAS)	17.27	25.02.12	30.06.14		13.8	89	29	60	100	100	100
4	TE	220 KV S/S Banat (TKSAS)	72.69	15.10.12	31.12.15		59.3	9	2	9	100	100	100
5	TE	220 KV S/S Rohitpur (TKSAS)	36.00	15.12.10	COMP Jul-14		34.0	90	10	100	100	100	100
6	TE	220 KV S/S Bhujpur (Dop)	34.00	30.6.11	31.12.14		27.9	87	0	55	100	100	100
7	TE	220 KV S/S Hathua	24.19	31.04.13	30.10.14		19.4	40	30	65	100	100	100
8	TE	220 KV S/S Bhodaura	47.04				38.4	0	0	0	100	100	100
9	TC	220 KV S/S Tamsa (BNKSAS)	36.73	01.11.12	31.11.14		24.6	60	10	70	100	100	100
10	TC	220 KV S/S Mahabadi (BNKSAS)	31.37	29.10.12	31.10.14	Shifting of 33kV lines	25.1	75	20	60	100	100	100
11	TC	220 KV S/S Kanpur Road (GIS)	46.61		31.12.15		37.3	7	7	15	100	100	100
12	TC	220 KV S/S Banat	42.87	22.05.15	22.05.15		34.4	7	30	45	100	100	100
13	TC	220 KV S/S Kural Road (RNNW II)	51.79	11.02.11	COMP Jul-14		41.2	90	2	100	100	100	100
14	TC	220 KV S/S Banat (TKSAS)	31.63	02.05.13	30.06.14	Shifting of 33/11KV S/S & lines	25.5	80	44	100	100	100	100
15	TC	220 KV S/S Pihani	17.50	25.01.14	Jul-15		14.0	7	7	15	100	100	100
16	TS	220 KV S/S Bih	18.12	04.04.13	31.11.14	Work started late due to late finalization of civil work	14.5	18	18	100	100	100	100
17	TS	220 KV S/S Khar (RNNW S)	21.11	26.10.13	06.12.14		16.9	94	19	94	100	100	100
18	TS	220 KV S/S Srinagar	22.35	18.11.12	30.10.14		18.0	72	57	80	100	100	100
19	TS	220 KV S/S Banat	30.00	30.08.15	30.08.15		18.0	0	15	30	100	100	100
20	TS	220 KV S/S Bih (AUGARH)	48.00	09.09.15	09.09.15		38.4	7	12	25	100	100	100
21	TS	220 KV S/S CHHATA (MATHURA)	33.05	04.09.15	04.09.15		20.4	7	15	30	100	100	100
22	TS	220 KV S/S MAHABA (MAHABA)	19.50	04.10.13	Apr-15		15.9	7	7	15	100	100	100
23	TS	220 KV S/S SINDARA (RAMABAI NAGAR)	16.22	23.07.13	Feb-15	33kV & 11kV S No.s line under shilling	12.2	7	25	100	100	100	100
24	TW	220 KV S/S Bihari	16.04	17.09.13	31.10.14		15.2	35	25	80	100	100	100
25	TW	220 KV S/S Bihari	21.11	21.09.13	30.04.15		16.0	38	17	60	100	100	100



## Project Wise Capital Expenditure Plan : Ongoing Works

Sl. No. (#1)	ZONE (#1.1)	NAME OF PROJECT (#2)	PROJECT COST	ORIGINAL DATE OF COMPLETION	REVISED/LATEST DATE OF ENERGIZATION	REASONS FOR DELAY	Loan (In Cr.)	Cum.Prog % AS ON 31.03.14 (FY 13-14)	Cum.Prog % DURING THE YEAR	Cum.Prog % AS ON 31.09.14 (As on Date)	Cum.Prog % AS ON 31.03.15 (FY 14-15) (Estd)	Cum.Prog % AS ON 31.03.16 (FY 15-16) (Estd)	Cum.Prog % AS ON 31.03.17 (Estd)	Prog. EXP upto Mar'13	EXPENDITURE DURING THE YEAR 2013-14	Sources of Capital	Actual	Actual	Actual	Estd RE FY 2014-15	Estd BE FY 2015-16	EXP PLAN beyond Mar 2016
1	1.1	2	3	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
26	TW	220 kv s/s Faridnagar (RNN III)	96.27	13.11.12	04.04.14		25.0	98	12	100	100		100	31.19	4.35		4.35	0.73	0.00	0.73	0.55	0.00
27	TW	220 kv s/s Jansath (RNNAS)	31.15	13.10.15	13.10.15		24.9	98	0	98	100		100	30.53	0.00		0.00	0.00	0.00	0.00	0.00	0.00
28	TW	220 kv s/s Rampur (RNNAS)	31.58	28.10.13	30.10.14		25.3	68	18	70	100		100	15.79	8.53		5.68	5.63	5.17	16.13	3.00	0.00
29	TW	220 kv s/s Bahat (RNNAS)	54.86	05.06.13	COMP		43.9	100	8	100	100		100	50.47	4.38		4.38	0.00	0.00	0.00	0.00	0.00
		TOTAL (C)	822				738							350	133		105	72	135	207	261	0
		132KV SUBSTATIONS																				
1	TE	132 kv s/s Satalbad (TK NKG)	11.34	16.04.12	30.11.14		9.1	98	6	98	100		100	10.43	0.68		0.68	0.00	0.23	0.33	0.00	0.00
2	TE	132 kv s/s Karon	12.87	23.05.12	31.10.14		10.3	75	45	85	100		100	3.88	8.99		5.79	1.28	1.93	3.72	0.00	0.00
3	TE	132 kv s/s Kaurhar	12.13	09.09.12	19.08.14		9.7	56	19	100	100		100	4.49	3.40		2.30	5.34	0.00	5.34	0.00	0.00
4	TE	132 kv s/s Azpalla (TKNKG)	11.85	19.04.12	03.06.14		9.3	97	1	100	100		100	11.16	0.17		0.12	0.35	0.00	0.35	0.00	0.00
5	TE	132 kv s/s Mughalalal (Jasrajnagar)	13.03	16.09.12	18.10.14		10.4	97	12	92	100		100	9.77	2.36		1.56	0.85	1.04	1.69	0.00	0.00
6	TE	132 kv s/s Rudrapur (TKSAS)	15.22	31.10.11	31.05.15		12.2	7	7	15	100		100	0.00	1.80		1.07	0.00	1.25	1.32	12.94	0.00
7	TE	132 kv s/s Mohalderal II	16.9	18.03.11	COMP Jul-14		13.5	100	10	100	100		100	15.21	1.69		1.69	0.00	0.00	0.00	0.00	0.00
8	TE	132 kv s/s Muzra Baidanpur (TKSAS)	13.05	17.12.13	30.10.14		10.4	89	57	88	100		100	4.05	7.45		7.44	0.00	1.67	1.67	0.00	0.00
9	TE	132 kv s/s Satal Aul	12.12	09.12.12	30.12.14		9.7	80	40	95	100		100	4.85	7.27		4.85	1.82	0.81	2.42	0.00	0.00
10	TE	132 kv s/s Kailashra Mahloo	12.87	08.07.12	31.07.14		10.3	65	33	95	100		100	3.12	6.37		4.25	3.80	0.64	0.80	0.00	0.00
11	TE	132 kv s/s Gurudongar (TKSAS)	13.03	17.12.13	31.10.14		10.4	68	43	85	100		100	3.24	8.40		5.02	3.17	0.00	0.00	0.00	0.00
12	TE	132 kv s/s Nandpur (TKSAS)	12.15	07.05.12	Dec-14		20.9	98	3	98	100		100	24.80	1.17		0.78	0.00	0.00	0.00	0.00	0.00
13	TE	132 kv s/s Kaurhar (TKSAS)	12.15	07.12.11	30.10.14		9.7	90	5	92	100		100	10.33	0.81		0.61	0.00	0.00	0.00	0.00	0.00
14	TE	132 kv s/s DUV (REG PART)	11.72	31.12.12	30.10.14		9.4	88	10	88	100		100	9.11	1.17		1.17	0.00	1.41	0.00	0.00	0.00
15	TE	132 kv s/s Dhanpur	12.30	22.11.12	18.08.14		9.8	70	35	100	100		100	4.31	6.48		4.31	3.69	0.00	0.00	0.00	0.00
16	TE	132 kv s/s Alulhabad Old PH (GIS)	21.00	06.11.13	Dec-14		21.6	7	0	42	100		100	1.89	0.00		0.00	0.00	0.00	0.00	0.00	0.00
17	TE	132 KV S/S MUBARKPUR (AZAMGARH)	18.76	29.01.15		Land not Available	15.0	0	0	0	7		100	0.00	0.00		0.00	0.00	1.31	1.31	17.45	0.00
18	TE	132 KV S/S BHARWAR (KALSHAMBI)	14.52	Nov-14	Dec-14		11.6	7	7	35	100		100	0.00	1.52		1.02	0.00	0.00	0.00	0.00	0.00
19	TE	132 KV S/S TALGANJ (ALHABAD)	24.9	Mar-15	May-15		19.9	7	7	7	25		100	0.00	2.61		1.74	0.00	2.16	4.48	18.65	0.00
20	TE	132 KV S/S POORNA CHAPAR (DEORIA)	14.5	-	-		11.6	7	7	15	100		100	0.00	1.52		1.02	0.00	1.18	5.16	12.35	0.00
21	TE	132 kv s/s Chikhandapur (Balia)	14.47	May-15	Jun-15	Land now Available	11.8	0	0	0	35		100	0.00	0.60		0.60	1.30	3.18	5.78	3.11	0.00
22	TC	132 kv s/s Jalpur	12.12	07.10.12	30.10.14		9.7	74	52	68	100		100	2.67	6.30		6.30	1.73	1.46	3.15	0.00	0.00
23	TC	132 kv s/s Bile (TKSAS)	13.23	20.12.13	30.10.14		10.8	37	27	90	100		100	1.32	5.36		3.97	7.01	1.32	4.19	0.00	0.00
24	TC	132 kv s/s Bhinga	10.8	16.05.12	30.07.14		8.6	97	1	100	100		100	10.37	0.18		0.11	0.32	0.20	0.24	0.00	0.00
25	TC	132 kv s/s Urauli (Dept)	12.15	18.01.12	30.06.14		9.7	100	0	100	100		100	6.47	0.00		0.00	2.43	0.00	2.43	0.00	0.00
26	TC	132 kv s/s Nindura	10.43	16.04.12	COMP Jul-14	Remove of existing quarries, 11KV/132 kv over head lines	8.3	72	10	100	100		100	6.47	1.56		1.04	0.00	0.00	0.00	0.00	0.00
27	TC	132 kv s/s Ordinance factory Nawa	12.11	30.06.12	30.06.13		9.7	100	93	100	100		100	0.85	18.89		11.28	0.00	0.00	0.00	0.00	0.00
28	TC	132 kv s/s Bhilpur	12.84	12.05.12	30.10.14		10.3	40	10	70	100		100	3.08	3.38		2.05	3.85	3.85	7.70	3.00	0.00
29	TC	132 kv s/s Shreemau	14.39	27.07.14	30.10.14		11.5	10	3	70	100		100	1.01	9.85		0.43	8.05	4.20	12.55	0.00	0.00
30	TC	132 kv s/s Baghauli	12.71	18.11.12	30.10.14		10.2	69	40	89	100		100	5.08	6.23		6.23	0.00	1.40	1.40	0.00	0.00
31	TC	132 kv s/s Sahara City (Dept)	12	31.07.11	COMP		9.6	100	1	100	100		100	11.88	0.12		0.12	0.00	0.00	0.00	0.00	0.00
32	TC	132 kv s/s Rahimabad	11.18	16.04.12	19.05.14		8.9	80	50	100	100		100	3.35	5.55		5.59	2.34	0.00	2.34	0.00	0.00
33	TC	132 kv s/s Mohan Road	12.3	09.04.13	18.04.14		9.8	50	20	100	100		100	2.60	3.89		2.48	6.16	0.00	6.16	0.00	0.00
34	TC	132 kv s/s Bawen (TKSAS)	11.92	01.01.12	03.07.14		9.5	97	2	100	100		100	11.32	0.36		0.24	0.00	0.00	0.24	0.00	0.00
35	TC	132 kv s/s Lohapur (TK NKG)	8.69	16.05.12	Oct-14		7.2	95	0	95	100		100	8.53	0.00		0.00	0.27	0.16	0.16	0.00	0.00
36	TC	132 kv s/s Gopalnagar (Dept)	12.23	16.05.12	30.10.14	Initial ROW at S/S land	9.8	65	33	80	100		100	3.91	6.05		4.04	1.93	2.45	4.25	0.00	0.00
37	TC	132 kv s/s Tilhar	12.35	02.04.14	Dec-14		9.9	7	7	45	100		100	0.00	1.30		0.87	4.70	4.70	4.70	0.00	0.00
38	TC	132 kv s/s Hanuman Saku GIS	26.1	20.08.13	31.04.15	Land not Available	20.9	0	0	0	80		100	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
39	TC	132 kv s/s Alampur (Ambedkar Nagar)	25.64	Jun-15	Jun-15		21.3	7	7	7	100		100	0.00	2.80		1.86	0.00	0.00	0.00	0.00	0.00
40	TC	132 KV S/S BISALPUR (PLBHT)	14.50	Nov-14	Dec-14		11.8	7	7	28	100		100	0.00	1.52		1.02	3.05	10.14	13.40	0.00	0.00
		132 KV S/S HANDEGARH (BARABANKI)	14.51	Jun-15	Jun-15		11.8	7	7	7	20		100	0.00	1.52		1.02	0.00	1.39	1.39	11.81	0.00



## Project Wise Capital Expenditure Plan : Ongoing Works

Sl. No. (P-1)	NAME OF PROJECT (P-2)	PROJECT COST ORIGINAL ESTIMATE (₹) (P-3)	ORIGINAL DATE OF COMPLETION	REVISED/LATEST DATE OF ENERGIZATION	REASONS FOR DELAY	Loan (in Cr.)	Cum.Prog % AS ON 31.03.14 (FY 13-14)	Cum.Prog % DURING THE YEAR	Cum.Prog % AS ON 31.09.14 (As on Date)	Cum.Prog % AS ON 31.03.15 (FY 14-15) (Estd)	Cum.Prog % AS ON 31.03.16 (FY 15-16) (Estd)	AS ON 31.03.17 (Estd)	Prog. Exp upto Mar'13	EXPENDITURE DURING THE YEAR 2013-14	Sources of Capital	Actual	Actual	Actual	Estd RE FY 2014-15	Estd DE FY 2015-16	EXP PLAN
1	132 kv s/s Aurangabad (TKSAS)	3	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
42	TC 132 kv s/s Aurangabad (TKSAS)	22.85	May-15	May-15		18.4	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
43	TC 132 kv s/s Aurangabad (TKSAS)	12.60	Nov-14	Nov-14		9.6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
44	TC 132 kv s/s Aurangabad (TKSAS)	16.17	Jan-15	Jan-15		12.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
45	TC 132 kv s/s Aurangabad (TKSAS)	14.50	Jan-15	Jan-15		11.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
46	TS 132 kv s/s Aurangabad (TKSAS)	13.41	31.05.11	31.05.11		10.7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
47	TS 132 kv s/s Aurangabad (TKSAS)	14.50	09.08.12	09.08.12		11.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
48	TS 132 kv s/s Aurangabad (TKSAS)	11.21	09.08.12	09.08.12		9.0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
49	TS 132 kv s/s Aurangabad (TKSAS)	14.65	31.07.15	31.07.15		11.7	25	0	38	60	100	100	100	100	100	100	100	100	100	100	
50	TS 132 kv s/s Aurangabad (TKSAS)	10.83	15.08.14	15.08.14		8.5	50	20	100	100	100	100	100	100	100	100	100	100	100	100	
51	TS 132 kv s/s Aurangabad (TKSAS)	10.85	04.08.14	04.08.14		8.2	50	43	100	100	100	100	100	100	100	100	100	100	100	100	
52	TS 132 kv s/s Aurangabad (TKSAS)	10.95	01.08.14	01.08.14		8.5	20	13	40	100	100	100	100	100	100	100	100	100	100	100	
53	TS 132 kv s/s Aurangabad (TKSAS)	13.33	02.05.14	02.05.14		10.7	10	3	13	100	100	100	100	100	100	100	100	100	100	100	
54	TS 132 kv s/s Aurangabad (TKSAS)	14.50	19.12.13	19.12.13		11.8	100	23	100	100	100	100	100	100	100	100	100	100	100	100	
55	TS 132 kv s/s Aurangabad (TKSAS)	13.73	31.10.14	31.10.14		11.0	17	2	65	100	100	100	100	100	100	100	100	100	100	100	
56	TS 132 kv s/s Aurangabad (TKSAS)	13.34	28.10.10	30.10.14		10.7	40	2	78	100	100	100	100	100	100	100	100	100	100	100	
57	TS 132 kv s/s Aurangabad (TKSAS)	12.22	27.01.12	17.04.14		9.8	98	0	100	100	100	100	100	100	100	100	100	100	100	100	
58	TS 132 kv s/s Aurangabad (TKSAS)	10.43	13.08.12	30.08.14		8.3	95	10	100	100	100	100	100	100	100	100	100	100	100	100	
59	TS 132 kv s/s Aurangabad (TKSAS)	12.13	25.12.12	31.08.14		9.7	77	1	100	100	100	100	100	100	100	100	100	100	100	100	
60	TS 132 kv s/s Aurangabad (TKSAS)	15	22.12.12	04.07.14		12.0	78	56	100	100	100	100	100	100	100	100	100	100	100	100	
61	TS 132 kv s/s Aurangabad (TKSAS)	10.14	01.10.12	28.05.14		8.1	88	18	100	100	100	100	100	100	100	100	100	100	100	100	
62	TS 132 kv s/s Aurangabad (TKSAS)	12.8	01.05.14	31.12.14		10.0	22	22	60	100	100	100	100	100	100	100	100	100	100	100	
63	TS 132 kv s/s Aurangabad (TKSAS)	12.61	02.05.14	02.02.15		10.1	10	3	10	100	100	100	100	100	100	100	100	100	100	100	
64	TS 132 kv s/s Aurangabad (TKSAS)	12.31	20.03.14	20.03.14		9.8	7	7	7	10	100	100	100	100	100	100	100	100	100	100	
65	TS 132 kv s/s Aurangabad (TKSAS)	8.00	20.02.14	20.02.14		6.4	7	7	14	100	100	100	100	100	100	100	100	100	100	100	
66	TS 132 kv s/s Aurangabad (TKSAS)	8.01	20.03.15	20.03.15		6.4	7	7	15	100	100	100	100	100	100	100	100	100	100	100	
67	TS 132 kv s/s Aurangabad (TKSAS)	33.44	02.11.14	02.11.14		26.8	7	7	7	15	100	100	100	100	100	100	100	100	100	100	
68	TS 132 kv s/s Aurangabad (TKSAS)	12.87	29.01.14	29.01.14		10.3	0	0	0	100	100	100	100	100	100	100	100	100	100	100	
69	TS 132 kv s/s Aurangabad (TKSAS)	8.06	29.01.15	29.01.15		6.4	7	7	43	100	100	100	100	100	100	100	100	100	100	100	
70	TS 132 kv s/s Aurangabad (TKSAS)	31.94	Feb-15	Feb-15		26.4	7	7	20	100	100	100	100	100	100	100	100	100	100	100	
71	TS 132 kv s/s Aurangabad (TKSAS)	25.66	Feb-15	Feb-15		20.7	7	7	7	15	100	100	100	100	100	100	100	100	100	100	
72	TS 132 kv s/s Aurangabad (TKSAS)	16.5	20.01.12	30.08.14		13.2	7	7	7	15	100	100	100	100	100	100	100	100	100	100	
73	TS 132 kv s/s Aurangabad (TKSAS)	12.22	31.01.12	31.01.12		9.8	90	2	100	100	100	100	100	100	100	100	100	100	100	100	
74	TS 132 kv s/s Aurangabad (TKSAS)	12.45	31.01.14	31.01.14		10.3	100	2	100	100	100	100	100	100	100	100	100	100	100	100	
75	TS 132 kv s/s Aurangabad (TKSAS)	12.13	27.12.12	27.12.12		9.7	87	42	100	100	100	100	100	100	100	100	100	100	100	100	
76	TS 132 kv s/s Aurangabad (TKSAS)	15.63	25.05.13	31.07.14		12.4	90	38	100	100	100	100	100	100	100	100	100	100	100	100	
77	TS 132 kv s/s Aurangabad (TKSAS)	16.10	31.12.13	31.12.13		12.0	100	2	100	100	100	100	100	100	100	100	100	100	100	100	
78	TS 132 kv s/s Aurangabad (TKSAS)	12.60	30.12.13	30.12.13		10.1	100	2	100	100	100	100	100	100	100	100	100	100	100	100	
79	TS 132 kv s/s Aurangabad (TKSAS)	10.75	01.03.12	27.05.14		8.6	98	0	100	100	100	100	100	100	100	100	100	100	100	100	
80	TS 132 kv s/s Aurangabad (TKSAS)	12.15	18.08.11	30.08.14		9.7	92	2	100	100	100	100	100	100	100	100	100	100	100	100	
81	TS 132 kv s/s Aurangabad (TKSAS)	17.76	11.11.11	20.07.14		14.2	70	80	100	100	100	100	100	100	100	100	100	100	100	100	
82	TS 132 kv s/s Aurangabad (TKSAS)	13.50	07.12.11	08.14		10.6	95	0	98	100	100	100	100	100	100	100	100	100	100	100	



## Project Wise Capital Expenditure Plan : Ongoing Works

Sl.No. (F1)	Zone (F1.1)	NAME OF PROJECT (F2)	PROJECT COST	ORIGINAL DATE OF COMPLETION	REVISED/LATEST DATE OF ENERGIZATION	REASONS FOR DELAY	Loan (In Cr.)	Cum.Prog % AS ON 31.03.14 (FY 13-14)	Cum.Prog % DURING THE YEAR	Cum.Prog % AS ON 31.03.14 (As on Date)	Cum.Prog % AS ON 31.03.15 (FY 14-15) (Estd)	Cum.Prog % AS ON 31.03.16 (FY 15-16) (Estd)	Cum.Prog % AS ON 31.03.17 (Estd)	Prop. EXP upto Mar'13	EXPENDITURE DURING THE YEAR 2013-14	Source of Capital	Actual FY 2013-14	Actual From Apr-14 till Sep-14	Actual From Oct-14 to Mar'15	Extd RE FY 2014-15	Estd BE FY 2015-16	EXP PLAN beyond Mar'2016
1	1.1	2	3	6	7	8	9	10	11	12	13	14		9	10							
83	TW	132 kv s/s Tila Mohi (RNN III)	20.11	11.11.11	COMP Jul-14		16.1	100	1	100	100	100	100	15.91	0.20	14	0.20	0.00	0.00	0.00	0.00	
84	TW	132 kv s/s Guindiyawan	28	09.03.16	08.03.15		06.03.15	10	3	100	100	100	100	1.98	1.28		0.84	1.02	23.57	30.20	0.00	
85	TW	132 kv s/s Tej Centre Pharsa	12.13	22.12.12	31.10.14	Initial Land Dispute	9.7	50	20	100	100	100	100	2.82	3.84		2.43	1.57	9.07	7.83	0.00	
86	TW	132 kv s/s Bhatnagar (TK NKG)	22.06	16.06.12	28.05.14	Shifting of Existing 33kV S/S	18.3	80	1	100	100	100	100	22.39	0.84		0.77	0.00	3.72	3.72	0.00	
87	TW	132 kv s/s Kothi Khindelpur	14.7	02.06.13	31.08.14		11.8	65	27	100	100	100	100	5.50	5.96		3.97	5.16	0.00	5.16	0.00	
88	TW	132 kv s/s Kundark (TKSAS)	13.12	13.04.12	30.06.14		10.5	88	8	100	100	100	100	10.50	1.57		1.05	1.57	0.00	1.57	0.00	
89	TW	132 kv s/s Ramraj (Deod)	15	05.09.13	COMP Jan-14		12.0	100	0	100	100	100	100	13.66	1.35		1.35	0.00	0.00	0.00	0.00	
90	TW	132 kv s/s Pura (TK NKG)	15	16.03.12	COMP 06.08.13		12.0	100	2	100	100	100	100	14.70	0.30		0.30	0.00	0.00	0.00	0.00	
91	TW	132 kv s/s Shanti Shyamla	12.13	14.04.12	11.07.14		9.7	70	30	100	100	100	100	4.85	5.46		3.64	3.64	0.00	3.64	0.00	
92	TW	132 kv s/s Milak	21.80	02.06.12	31.03.15		17.5	9	0	9	100	100	100	0.00	2.86		1.97	0.00	19.96	16.96	0.00	
93	TW	132 kv s/s Rampur Bhatnagar (Deod)	12.63	30.09.10	Oct-14	ROW/FORREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	10.0	90	2	94	100	100	100	11.03	0.38		0.25	0.75	1.25	0.00	0.00	
94	TW	132 kv s/s Kola (Deod)	16.3	15.12.10	30.05.14	Approach road not Available	13.0	76	25	100	100	100	100	8.15	6.11		4.36	4.08	0.00	4.08	0.00	
95	TW	132 kv s/s Gangal Harl	12.89	15.02.11	30.12.14		10.3	44	9	61	100	100	100	4.51	1.74		1.16	2.16	5.03	7.22	0.00	
96	TW	132 kv s/s Kanyan (Bhatnagar)	18.44	Jun-15	Jun-15		14.8	7	7	7	45	100	100	0.99	1.64		1.20	0.93	7.61	7.61	0.00	
97	TW	132 kv s/s Mundali (Meerut)	7.78	Jan-15	Jan-15		6.2	7	7	30	100	100	100	0.00	0.82		0.54	1.79	5.46	7.24	0.00	
98	TW	132 kv s/s Bimbadi (Rampur)	13.5	Mar-15	Mar-15		10.8	7	7	15	100	100	100	0.00	1.42		0.95	1.08	11.48	12.66	0.00	
		TOTAL (D)	1435				1128							507	262		197	162	301	463	262	

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



## Project Wise Capital Expenditure Plan : New Works

Form: F20

Sl. No. (F1)	ZONE (F1.1)	NAME OF PROJECT (F2)	Capacity MVA/CKM (F3)		LOI Date (F2.3)	AGENCY (Deptt/ Vendor)	PROJECT COST ORIGINAL ESTIMATE (C+) (F3)	PROJECT COST REVISED ESTIMATE (C+) (F4)	REASONS FOR REVISION IN PROJECT COST (F5)	TWC	BOD	ETF	Loan (in Cr.)	% PROG AS ON 31.03.16	% PROG AS ON 31.03.16	Sources of Capital (F14)	GE EXP PLAN FY 2014-15 (F14.1)	RE EXP FY 2014-15 (F14.2)	EXP PLAN FY 2015-16 (F14.3)	EXP PLAN FY 2016-17 (F14.4)
			FY 2014-15 (F2.1)	FY 2015-16 (F2.2)	FY 2016-17 (F2.3)															
1	1.1	2	2.1	2.2	2.3	2.4	2.5	3		7	8	9	9	12	13	14	13	14	15	16
		NEW SUBSTATIONS																		
		765kV																		
1	South	Agra UP 765/400 kV with FSC	3000					428								REC/PFC		428		
3		Augmentation 765kV	2500					700								REC/PFC		70		430
		TOTAL	0	5500	0		1128	0	0								0	498		630
		400kV																		
1	South	Agra South 400/132 kV	800					130								REC/PFC		20		101
2	South	Meerut 400/220 kV	630					139								REC/PFC		35		104
3	Central	Hardoi Road 400/220kV	1000					160								REC/PFC		32		133
4	East	Kaushambi 400/132kV	800					130								REC/PFC		20		121
5	West	Shamli 400/220kV			1000			100								W.B				140
6		Augmentation 400kV	500					358								REC/PFC		30		200
		TOTAL	500	3330	1370		1066	0	0								0	236		850
1	East	Raj ka Talab 220/132kV	320					54								REC/PFC		54		
2	East	Azamgarh (new) 220/132kV	320					54								REC/PFC		54		
3	East	Gola (Gorakhpur) 220/132kV	320					54								W.B				54
4	South	Sikandarpur 220/132/220/33kV	320					54								REC/PFC		54		
5	South	Lalitpur 220/132kV	200					46								REC/PFC		30		
6	South	Phodhaur (Kannur) 220/33kV	150					54								W.B				54
7	West	Jagda Vihar 220/132kV	320					54								W.B				54
8	West	Shamli 400/33S: 220/132kV	320					54								W.B				54
9	West	Modipuram-II 220/132kV	320					54								W.B				54
10	West	New Bust Adah (Chazibad) 220/33kV	400					54								W.B				54
11	West	Belakata (Muzaffarnagar II) 220/132 kV	320					54								W.B				54
12	West	Botanical Garden (Noida) 220/33kV	180					81		19-06-14						W.B. Land by GDA				21
13	West	Shri Mandir (Noida) 220/33kV (Deposit)	180						15-06-14							W.B. Land by GDA				
14	West	Indraprasth 220/132/220/33kV (Deposit)	320													Deposit				
15	West	Hapur 220/33kV	320					54								REC/PFC		5		49
16	West	Kanpur 220/132kV	320					54								REC/PFC		5		59
17	West	Parlappur (Meerut) 220/132kV	320					54								REC/PFC		5		10
18	West	Chandauli 220/132kV	320					54								REC/PFC		5		98
19	West	Noida-45 (GIS) 220/132kV	320					54								REC/PFC		5		19
20	West	Parlappur 220/132 kV	320					74								W.B		7		99
21	West	Meerut (more) 220/132kV	320					74								W.B		7		16
22	Central	Chakgaria (Lucknow) 220/132kV (Deposit)	200													Deposit				
23	Central	Farrukh (Bareilly) 220/132kV	320					54								W.B				34
24	Central	Hardoi Road 400/33S: 220/132kV	320													REC/PFC				
25	Central	Awas Vihar (Lucknow) 220/33kV (Deposit)	300					54								Deposit				
26	Central	Bareilly 220/132kV	320													REC/PFC		54		
27		Augmentation 220kV	200	300	400		621									REC/PFC		121		107
		TOTAL	200	4320	4100		1513	0	0							REC		0	428	1365
		132kV																		
1	Central	Salon (Ameeth)	80					5								REC/PFC		5		
2	Central	Colonelganj (Gonda)	80					17								REC/PFC		17		
3	Central	Indriyanagar (Lucknow)	80					17								REC/PFC		17		180

Director (Commercial)



## Project Wise Capital Expenditure Plan : New Works

Form F-20

Sl. No. (P-1)	ZONE (P-1)	NAME OF PROJECT (P2)	Capacity MVA/CMA (P2)			LOI Date	AGENCY (Deptt/ Vendor)	PROJECT COST		REASONS FOR REVISION IN PROJECT COST (P8)	TWC	BOD	ETF	Loan (in Cr.)	% PROG AS ON 31.03.19 (G-1) (P4)	% PROG AS ON 31.03.16 (G-1) (P4)	Source of Capital (F14)	BE EXP PLAN FY 2014-15 (F14.1)	RE EXP FY 2014-15 (F14.2)	EXP PLAN FY 2015-16 (F14.3)	EXP PLAN FY 2016-17 (F14.4)
			PY 2014-16 (P2.1)	PY 2015-16 (P2.2)	PY 2016-17 (P2.3)			ORIGINAL ESTIMATE (P3)	REVISED ESTIMATE (G-1) (P4)												
1	1.1	2	2.1	2.2	2.3	2.4	2.5	3			7	8	9	9	12	13	14	13	14	15	16
4	Central	Kakrala (Bardoli)			80			17									WB				17
5	Central	Bareilly-II			80			17									WB				17
6	Central	Chalgaon (Loknaw) 220S/S 132/33kV (Depot)			80												Depot				
7	Central	Baranahi 220S/S 132/33kV		80													REC-PFC				
8	Central	Farkpur (Bareilly) 220S/S 132/33kV		80													WB				
9	South	Naloli Kallin (Etah)		80				17									REC-PFC		17		
10	South	Mohreh (Etah)		80				17									REC-PFC		17		
11	South	Gabana (Algeri)		80				17									WB				17
12	South	Skandara 220S/S 132/33kV		80													REC-PFC				
13	East	Uti (Mehobad)		80				17									REC-PFC				
14	East	Sari Khand (Mehobad)		80				17									REC-PFC				
15	East	Kuratiq (Narain)		80				17									REC-PFC				
16	East	Raja ka Taab 220S/S 132/33kV		80				17									REC-PFC				
17	East	Adangari (new) 220S/S 132/33kV		80													REC-PFC				
18	East	Gola (Gorakhpur) 220S/S 132/33kV		80													REC-PFC				
19	East	Sahajwa (Gorakhpur)		80				17									WB				17
20	East	Kandari (Gorakhpur)		80				17									WB				17
21	East	Bhatnagar (Gorakhpur)		80				17									WB				17
22	West	Barjo (Moradabad)		80				17									REC-PFC		17		
23	West	Norzi (Moradabad)		80				17									REC-PFC				
24	West	Hapur by pass		80				17									REC-PFC				
25	West	Amroha II (J.P. Nagar)		80				17									REC-PFC				
26	West	Agarwalpur (Moradabad)		80				17									REC-PFC				
27	West	Hareli (Bijnor)		80				17									REC-PFC				
28	West	Mawara Road (Meerut)		80				17									REC-PFC				
29	West	Node 67		80				17									REC-PFC				
30	West	Node 63		80				17									REC-PFC				
31	West	Node 79		80				17									REC-PFC				
32	West	Kanhanpura II (Meerut)		80				17									REC-PFC				
33	West	Shopa (Muzaffarnagar)		80				17									WB				17
34	West	Kanauj (Ghaziabad)		80				17									WB				17
35	West	Chaurala (Meerut)		80				17									WB				17
36	West	Rampur II		80				17									WB				17
37	West	Bagha (Muzaffarnagar)		80				17									WB				17
38	West	Amroha (Sampriti)		80				17									WB				17
39	West	Katla (Shahjahanpur)		80				17									WB				17
40	West	Guri Muzaffarnagar (Ghaziabad)		80				17									WB				17
41	West	Vijay Nagar (Dakr)		80				17									WB				17
42	West	Dodhara II (Sampriti)		80				17									WB				17
43	West	Prakash gari (Meerut) (Bijora Rd)		80				17									WB				17
44	West	Vedvyaspur (Meerut)		80				17									WB				17
45	West	Jagriti Vihar 220S/S 132/33kV		80				17									WB				17
46	West	Shanti 220S/S 132/33kV		80				17									WB				17
47	West	Moduram-II 220S/S 132/33kV		80				17									WB				17

181



## Project Wise Capital Expenditure Plan : New Works

Form: F20

Sl. No. (F1)	ZONE (F1.1)	NAME OF PROJECT (F2)	Capacity MVA/CKM (F2)		LOI Date	AGENCY (Dept/ Vendor)	PROJECT COST		REASONS FOR REVISION IN PROJECT COST (F3)	TWC	BOD	ETF	Loan (in Cr.)	% PROG AS ON 31.03.16	% PROG AS ON 31.03.15	Sources of Capital (F4)	BE EXP PLAN FY 2014-15 (F14.1)	RE EXP FY 2014-15 (F14.2)	EXP PLAN FY 2015-16 (F14.3)	EXP PLAN FY 2016-17 (F14.4)
			FY 2014-16 (F2.1)	FY 2015-16 (F2.2)			ORIGINAL ESTIMATE (F3)	REVISED ESTIMATE (F3.1) F4												
1	1.1	2	2.1	2.2	2.3	2.4	2.5	3		7	8	9	9	12	13	14	15	16		
45	West	Hajur 220S/S: 132/33kV		80												REC/PFC				
49	West	Berakula (Muzafirpur II) 220S/S: 132/33kV			80											REC/PFC				
50	West	Kanth 220S/S: 132/33kV		80												REC/PFC				
51	West	Haripur (Mauli) 220S/S: 132/33kV		80												REC/PFC				
52	West	Chandaur 220S/S: 132/33kV		80												REC/PFC				
53	West	Noda-45 (G/S) 220S/S: 132/33kV		80												REC/PFC				
54	West	Indraprasth 220S/S: 132/33kV (Deposit)			80											Deposit				
55	Central	Misra (Bhag/Amph)		80			13.6													
56	West	Barnaul (Sagun)		80			11.75													
57		Augmentation 132kV	600	800	800		504									REC	69	127	203	
		TOTAL	600	3200	2880		1146	0	0								69	478	574	

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow











Director (Commercial)  
U.P. Trans Power Corp. Limited  
Lucknow



Director (Commercial)  
J.P. Trans Power Corp. Limited  
Shakti Bhawan Extn. Lucknow



Director (Commercial)



## Project Wise Capital Expenditure Plan - Ongoing Works

SL No. (P1)	ZONE (P1)	NAME OF PROJECT (P2)	MVA FM PY 14-15	MVA MD PY 15-16	MVA MD PY 16-17	LOI (T) to be awarded	PROJECT COST ORIGINAL ESTIMATE (Cr./P2)	ORIGINAL DATE OF COMPLETION	REVISED LATEST DATE OF COMPLETION	HEADS FOR DELAY	Loan (in Cr.)	Turn Prog % AS ON 31.03.14 (As per Date)	Turn Prog % AS ON 31.03.15 (FY 15-16)	Com Prog % AS ON 31.03.15 (FY 15-16)	Actual FY 2013-14	Source of Capital	Actual From Apr-14 to Sep-14	EXP PLAN From Oct-14 to Mar-15	EXP PLAN FY 2015-16	EXP PLAN Beyond Mar-2016
1	11	2	2.1	2.2	2.3	2.4	3	6	7	8	9	10	11	12	13	14	15	16	17	18
25	TC	132 kv at Nandgaon-Shopur	50.85			60.04.11	0.51	05.04.12	30.05.15	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	7.005	46.07	55	100	240		5.29	1.81	2.15	0.00
26	TC	132 kv at Damodarpur-Uthula	39.85			09.11.10	12.30	31.07.11	31.07.16	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	9.204	89.04	100	100	5.16		1.80	1.28	0.00	0.00
27	TC	132 kv at Nandgaon-Shopur	26.44			23.12.11	0.89	30.12.12	30.10.14	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	7.092	32	100	800	2.14		6.95	6.76	0.00	0.00
28	TC	132 kv at LLO Sankar-Chandrapur@Gotha	2.90				0.3		30.10.14	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	0.24	60	100	100	0.00		0.18	0.17	0.00	0.00
29	TC	132 kv at Bhagpur-Sohawal	23.75			08.04.11	4.74	05.04.12	31.05.15	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	3.792	0	7	100	0.00		0.00	0.00	0.00	0.00
30	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	2.40			08.04.11	0.41	05.04.12	31.12.14	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	0.308	93.54	100	100	0.16		0.09	0.10	0.00	0.00
31	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	55.00				11.48		14.05.15	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	0.164	20.75	100	100	0.00		2.32	5.31	11.19	0.00
32	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	30.00			15.10.11	13.1	14.10.12	31.10.14	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	16.09	43.83	100	100	4.44		0.26	2.35	2.00	0.00
33	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	1.00			31.03.10	0.43	30.05.10	CC&P	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	0.244	100	100	100	0.32		0.25	0.00	0.00	0.00
34	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	3.50			15.10.11	1.42		30.10.14	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	1.710	80	100	100	0.00		0.00	0.00	0.00	0.00
35	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	0.50			20.04.10	0.23	27.04.11	30.05.14	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	2.276	100	100	100	0.36		2.30	0.31	2.38	0.00
36	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	34.00			23.12.11	12.00	24.12.12	30.11.14	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	7.804	100	100	100	2.07		0.41	0.00	0.00	0.00
37	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	28.37			23.12.11	13.72	23.12.12	30.11.14	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	0.646	58	100	100	1.00		0.07	5.07	5.15	0.00
38	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	32.23			08.04.11	5.44	05.04.12	31.11.14	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	10.915	50	100	100	3.55		0.11	0.00	0.00	0.00
39	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	18.62			08.04.11	5.44	05.04.12	31.11.14	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	2.307	60.05	100	100	1.27		0.34	0.00	0.00	0.00
40	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	29.40			08.04.11	5.40	05.04.12	31.11.14	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	4.772	40.05	95	100	0.71		0.07	0.00	0.00	0.00
41	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	3.75				3.42		31.03.15	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	2.729	46.23	100	100	0.58		0.00	1.05	0.00	0.00
42	TC	132 kv at LLO Sankar-Chandrapur@Bhapur	107.80			15.10.11	17.62		31.12.13	ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	140.556	100	100	100	423.07		0.40	0.40	0.00	0.00
43	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE	0	88	100	100	0.66		0.00	0.00	0.00	0.00
44	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
45	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
46	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
47	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
48	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
49	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
50	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
51	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
52	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
53	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
54	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
55	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
56	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
57	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
58	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
59	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
60	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
61	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
62	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
63	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
64	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
65	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
66	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
67	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
68	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
69	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
70	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
71	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
72	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
73	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
74	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
75	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
76	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
77	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
78	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
79	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
80	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
81	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
82	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
83	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
84	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
85	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
86	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
87	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
88	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
89	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
90	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
91	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
92	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
93	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
94	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
95	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
96	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
97	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
98	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
99	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
100	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
101	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
102	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
103	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
104	TC	132 kv at LLO Sankar-Chandrapur@Bhapur								ROW/FORST CLEARANCE/ RAILWAY CROSSING CLEARANCE										
105	TC	132 kv at LLO Sankar-Chandrapur@Bhapur																		



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Project Wise Capital Expenditure Plan - Ongoing Works																			
Sl. No.	Zone	NAME OF PROJECT (F & P)		MVA KM	MVA MW	BVA KM	LOI (DA-1) to be submitted	PROJECT COST ESTIMATE (INR)	ORIGINAL DATE OF COMPLETION	REVISION LATEST DATE OF EMERGENCY	REASONS FOR DELAY	Loan	Cum Prog % AS ON 31.03.16 (FY 2015-16)	Cum Prog % AS ON 31.03.16 (FY 2015-16)	Actual	Est. Cost to 31.03.16	EXP PLAN	EXP PLAN	
1	TE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	TE	132 kv LCO Noida-Delhi (Phase I)	2.1	2.2	2.3	2.4	1.74	0	0	0	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	0	100	100	100	0.00	0.00	0.00	
2	TW	132 kv LCO Noida-Delhi (Phase II)	4.00				1.74			06/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	1.807	100	100	100	0.00	0.00	0.00	
3	TW	132 kv LCO Noida-Delhi (Phase III)	21.04			05/04/11	6.12	06/04/12	30/07/14	06/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	6.800	100	100	100	0.00	0.00	0.00	
4	TW	132 kv LCO Noida-Delhi (Phase IV)	10.03			05/04/11	5.36	05/04/12	31/12/14	31/12/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	4.004	100	100	100	0.00	0.00	0.00	
5	TW	132 kv LCO Noida-Delhi (Phase V)	20.00			20/04/10	7.00	21/04/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	5.672	100	100	100	0.00	0.00	0.00	
6	TW	132 kv LCO Noida-Delhi (Phase VI)	10.46			05/04/11	5.11	05/04/12	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	4.000	100	100	100	0.00	0.00	0.00	
7	TW	132 kv LCO Noida-Delhi (Phase VII)	30.34			05/04/11	12.20	05/04/12	31/12/14	31/12/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	6.76	100	100	100	0.00	0.00	0.00	
8	TW	132 kv LCO Noida-Delhi (Phase VIII)	20.41			05/04/11	8.12	05/04/12	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	7.206	100	100	100	0.00	0.00	0.00	
9	TW	132 kv LCO Noida-Delhi (Phase IX)	14.00			24/12/11	4.00	24/12/12	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	3.128	100	100	100	0.00	0.00	0.00	
10	TW	132 kv LCO Noida-Delhi (Phase X)	8.00			05/04/11	1.7	05/04/12	31/12/15	31/12/15	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	1.016	0	100	100	0.00	0.00	0.00	
11	TW	132 kv LCO Noida-Delhi (Phase XI)	8.00			05/04/11	2.6	05/04/12	31/12/15	31/12/15	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	2.00	0	100	100	0.00	0.00	0.00	
12	TW	132 kv LCO Noida-Delhi (Phase XII)	10.00			24/12/11	3.33	23/01/12	31/12/14	31/12/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	2.004	0	100	100	0.00	0.00	0.00	
13	TW	132 kv LCO Noida-Delhi (Phase XIII)	10.00			24/12/11	3.12	23/12/12	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	2.400	100	100	100	0.00	0.00	0.00	
14	TW	132 kv LCO Noida-Delhi (Phase XIV)	22.00			24/12/11	7.35	23/12/12	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	3.004	0	100	100	0.00	0.00	0.00	
15	TW	132 kv LCO Noida-Delhi (Phase XV)	16.00			28/04/10	4.36	27/04/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	3.488	0	100	100	0.00	0.00	0.00	
16	TW	132 kv LCO Noida-Delhi (Phase XVI)	18.42			05/04/11	5.71	05/04/12	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	4.568	70.17	100	100	0.00	0.00	0.00	
17	TW	132 kv LCO Noida-Delhi (Phase XVII)	27.01			05/04/11	8.85	05/04/12	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	8.02	100	100	100	0.00	0.00	0.00	
18	TW	132 kv LCO Noida-Delhi (Phase XVIII)	10.14			05/04/11	3.15	05/04/12	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	2.512	100	100	100	0.00	0.00	0.00	
19	TW	132 kv LCO Noida-Delhi (Phase XIX)	10.04			05/04/11	5.10	05/04/12	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	4.128	75.5	100	100	0.00	0.00	0.00	
20	TW	132 kv LCO Noida-Delhi (Phase XX)	25.00			24/12/11	9.5	23/12/12	31/12/15	31/12/15	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	7.306	34.85	100	100	0.00	0.00	0.00	
21	TW	132 kv LCO Noida-Delhi (Phase XXI)	15.00			24/12/11	5.3	23/12/12	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	4.250	100	100	100	0.00	0.00	0.00	
22	TW	132 kv LCO Noida-Delhi (Phase XXII)	20.00			20/04/10	7.00	21/04/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	5.4	0	100	100	0.00	0.00	0.00	
23	TW	132 kv LCO Noida-Delhi (Phase XXIII)	12.00			28/04/10	3.07	27/01/10	31/12/15	31/12/15	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	2.466	47.5	100	100	0.00	0.00	0.00	
24	TW	132 kv LCO Noida-Delhi (Phase XXIV)	0.50			28/04/10	1.67	27/01/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	1.338	35	100	100	0.00	0.00	0.00	
25	TW	132 kv LCO Noida-Delhi (Phase XXV)	10.00			28/04/10	4.35	27/01/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	3.488	0	100	100	0.00	0.00	0.00	
26	TW	132 kv LCO Noida-Delhi (Phase XXVI)	20.00			28/04/10	8.1	27/01/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	6.72	0	100	100	0.00	0.00	0.00	
27	TW	132 kv LCO Noida-Delhi (Phase XXVII)	22.15			28/04/10	2.35	27/01/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	1.86	38.72	100	100	0.00	0.00	0.00	
28	TW	132 kv LCO Noida-Delhi (Phase XXVIII)	40.00			28/04/10	17.3	27/01/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	10.24	0	100	100	0.00	0.00	0.00	
29	TE	132 kv LCO Noida-Delhi (Phase XXIX)	8.00			28/04/10	2.34	27/01/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	1.87	61.43	100	100	0.00	0.00	0.00	
30	TE	132 kv LCO Noida-Delhi (Phase XXX)	12.37			28/04/10	4.42	27/01/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	3.88	38.85	100	100	0.00	0.00	0.00	
31	TE	132 kv LCO Noida-Delhi (Phase XXXI)	36.40			28/04/10	13.04	27/01/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	11.07	74.37	100	100	0.00	0.00	0.00	
32	TE	132 kv LCO Noida-Delhi (Phase XXXII)	36.46			28/04/10	11.86	27/01/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	9.51	67.61	100	100	0.00	0.00	0.00	
33	TE	132 kv LCO Noida-Delhi (Phase XXXIII)	23.00			28/04/10	7.41	27/01/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	6.00	69.64	100	100	0.00	0.00	0.00	
34	TE	132 kv LCO Noida-Delhi (Phase XXXIV)	37.00			28/04/10	9.51	27/01/11	30/07/14	30/07/14	ROADWORKS/REPAIRS/RAILWAY CROSSING CLEARANCE	7.51	91	100	100	0.00	0.00	0.00	

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Project Name: Capital Expenditure Plan: Ongoing Works																			
S. No.	Zone	Name of Project / P2	MVA KM	MVA KM	MVA KM	LOI (To be awarded)	PROJECT COST ESTIMATE (Cr.)	ORIGINAL DATE OF COMPLETION	REVIEWED LATEST ESTIMATION	REASONS FOR DELAY	Loan	Comm. Prop. %	Comm. Prop. %	Comm. Prop. %	Actual	Spent of Capital	Actual	Spent of Capital	Est. Plan
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1	TE	132 kv Air Dielectric Substation	2.1	2.2	2.3	2.4	3	31.10.10	31.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	9	11	17	13	0.75	0.75	0.75	0.75	10.00
2	TE	132 kv Air Dielectric Substation	7.40	7.40	7.40	7.40	2.20	27.01.11	27.01.11	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	1.51	105	100	100	0.70	0.70	0.70	0.70	10.00
3	TE	132 kv LEO Substation	28.00	28.00	28.00	28.00	5.00	27.04.11	31.07.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	6.40	105	100	100	1.60	1.60	1.60	1.60	10.00
4	TE	132 kv LEO Substation	40.00	40.00	40.00	40.00	11.00	27.04.11	30.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	8.30	100.00	100	100	2.10	2.10	2.10	2.10	10.00
5	TE	132 kv LEO Substation	12.50	12.50	12.50	12.50	0.60	27.04.11	30.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	0.22	100	100	100	0.07	0.07	0.07	0.07	10.00
6	TE	132 kv Air Dielectric Substation	24.40	24.40	24.40	24.40	4.64	03.09.09	31.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	3.71	97	100	100	0.08	0.08	0.08	0.08	10.00
7	TE	132 kv Air Dielectric Substation	35.30	35.30	35.30	35.30	10.04	23.12.12	30.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	0.30	80	100	100	0.02	0.02	0.02	0.02	10.00
8	TE	132 kv Air Dielectric Substation	28.27	28.27	28.27	28.27	11.06	23.12.12	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	8.46	35.27	100	100	2.83	2.83	2.83	2.83	10.00
9	TE	132 kv Air Dielectric Substation	36.72	36.72	36.72	36.72	11.07	23.12.12	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	8.80	51.06	100	100	2.23	2.23	2.23	2.23	10.00
10	TE	132 kv Air Dielectric Substation	15.12	15.12	15.12	15.12	4.25	23.12.12	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	3.49	0	80	100	0.09	0.09	0.09	0.09	10.00
11	TE	132 kv Air Dielectric Substation	24.90	24.90	24.90	24.90	7.78	03.09.09	30.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	0.27	03.06	100	100	0.75	0.75	0.75	0.75	10.00
12	TE	132 kv Air Dielectric Substation	2.60	2.60	2.60	2.60	0.88	27.04.11	31.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	0.70	88.31	100	100	0.00	0.00	0.00	0.00	10.00
13	TE	132 kv Air Dielectric Substation	51.18	51.18	51.18	51.18	18.98	27.04.11	31.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	12.00	70.27	100	100	0.09	0.09	0.09	0.09	10.00
14	TE	132 kv Air Dielectric Substation	34.20	34.20	34.20	34.20	16.0	20.02.09	30.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	12.77	100	100	100	0.22	0.22	0.22	0.22	10.00
15	TE	132 kv Air Dielectric Substation	10.80	10.80	10.80	10.80	1.97	20.02.09	30.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	1.58	41	100	100	0.27	0.27	0.27	0.27	10.00
16	TE	132 kv Air Dielectric Substation	30.14	30.14	30.14	30.14	26.02	20.02.09	30.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	10.89	94.73	100	100	2.30	2.30	2.30	2.30	10.00
17	TE	132 kv Air Dielectric Substation	52.80	52.80	52.80	52.80	20.45	30.05.11	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	20.30	80.19	100	100	0.00	0.00	0.00	0.00	10.00
18	TE	132 kv Air Dielectric Substation	2.00	2.00	2.00	2.00	7.80	30.05.11	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	19.27	100	100	100	0.00	0.00	0.00	0.00	10.00
19	TE	132 kv Air Dielectric Substation	10.00	10.00	10.00	10.00	7.80	30.05.11	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	6.84	100	100	100	0.16	0.16	0.16	0.16	10.00
20	TE	132 kv Air Dielectric Substation	34.45	34.45	34.45	34.45	10.07	05.04.12	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	5.81	100	100	100	0.07	0.07	0.07	0.07	10.00
21	TE	132 kv Air Dielectric Substation	30.00	30.00	30.00	30.00	10.84	20.12.11	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	8.51	31.17	100	100	2.04	2.04	2.04	2.04	10.00
22	TE	132 kv Air Dielectric Substation	24.15	24.15	24.15	24.15	8.72	31.12.14	30.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	6.94	01.02	100	100	0.10	0.10	0.10	0.10	10.00
23	TE	132 kv Air Dielectric Substation	5.10	5.10	5.10	5.10	2.72	27.01.11	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	2.18	78.05	100	100	0.45	0.45	0.45	0.45	10.00
24	TE	132 kv Air Dielectric Substation	19.70	19.70	19.70	19.70	6.51	20.11.09	31.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	5.21	65.72	100	100	0.02	0.02	0.02	0.02	10.00
25	TE	132 kv Air Dielectric Substation	35.80	35.80	35.80	35.80	11.13	22.02.08	30.07.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	6.90	100	100	100	0.00	0.00	0.00	0.00	10.00
26	TE	132 kv Air Dielectric Substation	11.82	11.82	11.82	11.82	3.60	27.04.11	31.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	2.90	100	100	100	0.27	0.27	0.27	0.27	10.00
27	TE	132 kv Air Dielectric Substation	5.39	5.39	5.39	5.39	0.42	30.02.11	30.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	0.24	71	100	100	0.00	0.00	0.00	0.00	10.00
28	TE	132 kv Air Dielectric Substation	1.95	1.95	1.95	1.95	1.35	30.02.11	30.02.11	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	1.60	51.74	100	100	0.00	0.00	0.00	0.00	10.00
29	TE	132 kv Air Dielectric Substation	25.00	25.00	25.00	25.00	8.82	31.10.08	30.11.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	6.90	30.69	100	100	1.50	1.50	1.50	1.50	10.00
30	TE	132 kv Air Dielectric Substation	35.00	35.00	35.00	35.00	15.00	15.00.09	30.11.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	3.36	87.1	100	100	0.27	0.27	0.27	0.27	10.00
31	TE	132 kv Air Dielectric Substation	18.00	18.00	18.00	18.00	2.72	27.01.11	31.07.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	2.18	97.20	100	100	0.02	0.02	0.02	0.02	10.00
32	TE	132 kv Air Dielectric Substation	39.00	39.00	39.00	39.00	5.26	27.02.08	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	4.56	50	100	100	0.17	0.17	0.17	0.17	10.00
33	TE	132 kv Air Dielectric Substation	24.60	24.60	24.60	24.60	5.26	27.04.11	31.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	5.90	94.88	100	100	0.25	0.25	0.25	0.25	10.00
34	TE	132 kv Air Dielectric Substation	17.40	17.40	17.40	17.40	4.45	27.04.11	31.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	3.36	91.26	75	100	1.05	1.05	1.05	1.05	10.00
35	TE	132 kv Air Dielectric Substation	10.00	10.00	10.00	10.00	2.18	27.04.11	31.10.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	1.75	60	100	100	0.20	0.20	0.20	0.20	10.00
36	TE	132 kv Air Dielectric Substation	4.50	4.50	4.50	4.50	1.85	29.03.13	31.06.15	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	1.46	25	70	100	6.00	6.00	6.00	6.00	10.00
37	TE	132 kv Air Dielectric Substation	34.10	34.10	34.10	34.10	12.20	06.07.11	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	9.57	100	100	100	3.44	3.44	3.44	3.44	10.00
38	TE	132 kv Air Dielectric Substation	4.50	4.50	4.50	4.50	4.50	30.04.15	30.04.15	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	2.81	72.87	100	100	1.37	1.37	1.37	1.37	10.00
39	TE	132 kv Air Dielectric Substation	9.00	9.00	9.00	9.00	7.46	30.04.14	30.04.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	5.93	100	100	100	2.61	2.61	2.61	2.61	10.00
40	TE	132 kv Air Dielectric Substation	18.02	18.02	18.02	18.02	4.38	31.12.14	31.12.14	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	3.47	93.75	100	100	6.42	6.42	6.42	6.42	10.00
41	TE	132 kv Air Dielectric Substation	18.02	18.02	18.02	18.02	18.02	18.02	18.02	ROW/FOREST CLEARANCE/ RAILWAY CROSSING CLEARANCE	973	328	328	328	2.08	2.08	2.08	2.08	10.00



## Project Wise Capital Expenditure Plan : New Works

Sl. No. (F1)	ZONE (F1.1)	NAME OF PROJECT (F2)	Capacity MVA/C/M (F2)			PROJECT COST ORIGINAL ESTIMATE (F3)	ORIGINAL DATE OF COMPLETION (F6)	EXPECTED DATE OF COMPLETION (F7)	REASONS FOR DELAY (F8)	Loan (in Cr.)	% PROG AS ON 31.03.15	% PROG AS ON 31.03.16	Sources of Capital (F14)	BE EXP PLAN FY 2014-15 (F14.1)	RE EXP FY 2014-15 (F14.2)	EXP PLAN FY 2015-16 (F14.3)	EXP PLAN FY 2016-17 (F14.4)
			FY 2014-15 (F2.1)	FY 2015-16 (F2.2)	FY 2016-17 (F2.3)												
1	1.1	2 NEW LINES 765KV	2.1	2.2	2.3	3	6	7	8	9	12	13	14	13	14	15	16
1	South	Agra UP 765/400 kV with FSC															
	South	I. Agra UP (765) - Lalpur 765 kV, 2-SC line - 378 km		756		1875							REC/PFC			553	111
	South	II. Agra UP (765) - Harra - Meerut Gonda (765) 765 kV SC line 200 km		200		498							REC/PFC			149	34
1		Other 765 kV Lines															
		Lalpur TPS link lines															
		LLO of one ckt of jobpur PG (765) - Oral PG (765 kV) DC line - 50km			100	250							W.B.				25
2		Ghatampur TPS Evacuating 765 kV lines															
		I. Ghatampur TPS - Agra UP (765) 765 kV SC line 238 km			238	590							W.B.			59	69
		II. Ghatampur - Hapur 765 kV SC line - 400 km			400	992							W.B.			99	99
		TOTAL	0	956	738	4205								0	712		3493
1	South	Agra (South) 400/132 kV															
	South	Agra UP (765) - Agra (South) DC Line - 71 kV		142		110							REC/PFC			11	160
2	South	Mathura 400/220 kV															
	South	I. LLO of Agra - Moradnagar 400 kV SC line at Math - 27 km		54		42							REC/PFC			4	38
	South	II. Agra UP (765) - Math SC Line - 141 km		141		122							REC/PFC			12	110
3	Central	Haridwar Road 400/220kV															
	Central	LLO of Umrta - Sarojinagar 400 kV SC line at Haridwar Road - 25 km		50		39							REC/PFC			4	15
4	East	Karelibagh 400/132kV															
	East	LLO of one ckt of Meja - Rewa Road 400 kV DC line (Q) at Karelibagh - 20 km (Q)		40		50							REC/PFC			5	45
5	West	Shamli 400/220kV															
	West	I. Harra - Meerut UP (765) - Shamli SC line - 60 km			60	52							W.B.			52	52
	West	II. Shamli - Aligarh (400) 400 kV DC line 180 km			360	280							W.B.			280	280
3		Other 400 kV Lines															
		LLO of one ckt of Agra-Agra (PG) 400 kV DC line @ Agra UP (765)-38km		70		55							REC/PFC			6	50
4		II. LLO of Agra - Moradnagar 400 kV SC line at Agra UP (765)-79km		158		122							REC/PFC			12	110
5		Ghatampur - Kanpur (PG) 400 kV DC line - 30km			60	47							W.B.				47
		TOTAL	0	655	480	919								0	54		865
1	East	Raj ka Talab 220/132kV															
	East	I. Raja ka Talab 220-Aurai (400) DC		60		22							REC/PFC			22	
	East	II. Raja ka Talab (220) - Sahupur (220)		80		30							REC/PFC			30	
2	East	Azangam (new) 220/132kV															
3	East	Gola (Gorakhpur) 220/132kV															
	East	Gorakhpur PGCL - Gola (220) DC			120	44							W.B.				44
4	South	Sikandrapur 220/132 220/33kV											REC/PFC			52	
	South	I. Sikandrapur - II. Aligarh (400) DC		140		52							REC/PFC			52	
	South	II. Haridwar - II. Meerut LLO (Existing) DC		80		30							REC/PFC			30	
5	South	Lalpur 220/132kV															
	South	Lalpur TPS-Lalpur (220) DC		30		11							REC/PFC			11	
6	South	Phodhath (Kanpur) 220/33kV															
	South	Umrta-RPH (Kanpur) LLO SC line			20	7							W.B.			7	
7	West	Jagriti Vihar 220/132kV															
	West	I. Hapur (765) - Jagriti Vihar - DC			60	22							W.B.			22	
	West	II. Paripur (220) - Jagriti Vihar - DC			40	15							W.B.			15	
8	West	Shamli 400/220kV															
	West	I. Shamli - II (220) - Shamli (400) DC			60	22							W.B.			22	
	West	II. Badakala (Muzaffargarh) - Shamli (400) -DC			80	30							W.B.			30	
9	West	Modipuram-II 220/132kV															
	West	Modipuram-II (220) - Hapur (765) -DC			100	37							W.B.			37	
	West	Modipuram - II (220) - Shamli 400kV DC Line			120	44							W.B.			44	
10	West	New Bus Adda (Ghazabad) 220/33kV															
	West	LLO of Moradnagar (220) - parat vihar (220) at New Bus Adda (Ghazabad) (220)			10	4							W.B.				
11	West	Badakala (Muzaffargarh II) 220/132 kV															

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## Project Wise Capital Expenditure Plan : New Works

Sl. No. (F1)	Zone (F1.1)	NAME OF PROJECT (F2)	Capacity MVA/KM (F2)			PROJECT COST ORIGINAL ESTIMATE (Cr.) (F3)	ORIGINAL DATE OF COMPLETION (F6)	EXPECTED DATE OF COMPLETION (F7)	REASONS FOR DELAY (F8)	Loan (In Cr.)	% PROG AS ON 31.03.15	% PROG AS ON 31.03.16	Sources of Capital (F10)	BE EXP PLAN FY 2014-15 (F14.1)	RE EXP FY 2014-15 (F14.2)	EXP PLAN FY 2015-16 (F14.3)	EXP PLAN FY 2016-17 (F14.4)
			FY 2014-15 (F2.1)	FY 2015-16 (F2.2)	FY 2016-17 (F2.3)												
1	West	i. Badakala 220 (Muzaffarnagar) - Shamli (400) DC	2.1	2.2	2.3	3	6	7	8	9	12	13	14	13	14	15	16
	West	ii. LIO of Muzaffarnagar (New) - Nainaula (220) at Badakala (220)			20	15							W.B.				30
12	West	Botanical Garden (Noida) 220/33kV											W.B.				15
	West	Noida (148) - Botanical Garden (Noida) DC			54	11							W.B.				11
	West	Noida-Gajpur 220kV SC Line LIO			2	1.8											
13	West	Shani Mandir (Noida) 220/33kV (Deposit)											W.B.				7
	West	Noida (148) - Shani Mandir (Noida) DC			20	7							W.B.				
	West	Botanical Garden-Shani Mandir 220kV DC Line			6	2.1											
14	West	Interprash 220/132-220/33kV (Deposit)															
	West	Alaur (400) Interprash (Shahabad) 220 kV DC			30	11							W.B.				11
	West	ii. Loni (220) Interprash - 220 kV DC			30	11							W.B.				11
15	West	Hapur 220/33kV											REC/PFC				
	West	i. Hapur (220) - Hapur (765) - DC		30		11							REC/PFC				
	West	ii. LIO of Simbholi - Shahabnagar 220 kV SC at Hapur 220		50		19							REC/PFC				
16	West	Kanli 220/132kV															
	West	LIO of Moradabad (220) - Nainaur (220) at Kanli (220)		30		11							REC/PFC				
17	West	Paripur (Meerut) 220/132kV											REC/PFC				
	West	Paripur-220 (Meerut)-Hapur (765) DC		100		37							REC/PFC				
18	West	Chandausi 220/132kV											REC/PFC				
	West	Badaun - Simbholi LIO 220 kV SC at Chandausi		40		15							REC/PFC				
19	West	Noida-45 (SIS) 220/132kV											REC/PFC				
	West	Noida (148) - Noida -45 - DC		40		15							REC/PFC				
20	West	Partapvihar 220/132kV															
21	West	Meerut (Meerut) 220/132kV															
22	Central	Chakdaha (Lucknow) 220/132kV (Deposit)															
	Central	Suljapur Road (400) - Chakdaha (Lucknow) 220 kV - DC			20	7							W.B.				7
23	Central	Faridpur (Bareilly) 220/132kV															
	Central	LIO of Roza - Dohra (220) - SC line at Faridpur (220)			20	7							W.B.				7
24	Central	Hardoi Road 400SIS: 220/132kV											REC/PFC				
	Central	Hardoi Road (400) - Harid Road (220) - DC		30		11							REC/PFC				
25	Central	Awas Vikas (Lucknow) 220/33kV (Deposit)											REC/PFC				
	Central	Suljapur Road (400) - Awas Vikas (Lucknow) 220 kV-DC		4		1							REC/PFC				
26	Central	Barabanki 220/132kV											REC/PFC				
	Central	Sohawal (400) - Barabanki (220) - DC		150		56							REC/PFC				
		Others 220 kV Lines											REC/PFC				
6		LIO of Firozabad - Shamliabad 220 kV SC Agra PC		4		1							W.B.				
7		Shahganpur (400) - Hardoi (220) SC line			80	34							W.B.				
8		LIO of Gokul - Hathras 220 kV SC at Hath (400)			30	11							W.B.				
9		Math (400) - Chaila DC			60	22							W.B.				
10		Other unidentified 220 kV SC line for strengthening & Providing Double Source			300	171							W.B.				
		TOTAL	0	968	1342	888								0	322	562	
1	Central	Saloni (Amethi)															
2	Central	Anwarant (Raebareilly) Saloni DC		60		14							REC/PFC				
	Central	Colneldgan (Gonda)											REC/PFC				
3	Central	Gonda (400) - Colneldgan DC		40		9							REC/PFC				
	Central	Indranagar (Lucknow)											REC/PFC				
4	Central	Chuhra (220) Indranagar - Khurannagar DC		40		9							REC/PFC				
	Central	Kakrala (Badaun)															
5	Central	Badaun (220) - Karkala DC			60	14							W.B.				14
	Central	Bareilly-III															
6	Central	Chakdaha (Lucknow) 220SIS: 132/33kV (Deposit)															
7	Central	Barabanki 220SIS: 132/33kV															
8	Central	Faridpur (Bareilly) 220SIS: 132/33kV															
	Central	Faridpur (220) - Bareilly III DC			60	14							W.B.				14
9	South	Nidholi Kalan (Etah)															
10	South	Miranchi (Etah)															
	South	Sikandraap-II (220) - Mirechni 132 kV DC		70		16							REC/PFC				
	South	Gabana (Aligarh)															
11	South	Gabana - Khatir (220) 132 kV DC			40	9							W.B.				

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## Project Wise Capital Expenditure Plan : New Works

Sl. No. (F1)	ZONE (F1.1)	NAME OF PROJECT (F2)	Capacity MVA/CKM (F2)			PROJECT COST		ORIGINAL DATE OF COMPLETION (F6)	EXPECTED DATE OF COMPLETION (F7)	REASONS FOR DELAY (F8)	Loan (in Cr.)	% PROG AS ON 31.03.15	% PROG AS ON 31.03.16	Sources of Capital (F14)	BE EXP PLAN FY 2014-15 (F14.1)	RE EXP FY 2014-15 (F14.2)	EXP PLAN FY 2015-16 (F14.3)	EXP PLAN FY 2016-17 (F14.4)
			FY 2014-15 (F2.1)	FY 2015-16 (F2.2)	FY 2016-17 (F2.3)	ORIGINAL ESTIMATE (F3)	ESTIMATE (F3)											
1	1.1	2	2.1	2.2	2.3	3	3	6	7	8	9	12	13	14	13	14	15	16
12	South	Shikharprasth 220S/S: 132/33kV																
13	South	Shikharprasth-II (220) - Nigohi Kallan 132 kV DC		60		14												
14	East	Jari (Allahabad)																
15	East	LLO of one ext to Keri Bagh (400) - Sarai Khurd at Jari																
16	East	Sarai Khurd (Allahabad)																
17	East	Sarai Khurd (400) - Sarai Khurd DC																
18	East	Kursing (Varanasi)																
19	East	Kursing-Raja ka talab (220) DC																
20	East	Raja ka Talab 220S/S: 132/33kV																
21	East	I. Raja ka talab 220-kursing DC		40		9												
22	East	II. Raja ka talab - Mordua DC		40		9												
23	East	Azandam (new) 220S/S: 132/33kV																
24	East	Gola (Gorakhpur) 220S/S: 132/33kV																
25	East	Sahjanwa (Gorakhpur)																
26	East	Sahjanwa - Khalilabad 132/33 kV				10												
27	East	Khalilabad (Gorakhpur)																
28	East	Khalilabad - Sahjanwa Gorakhpur DC		30		7												
29	East	Bhawanipur (Gorakhpur)																
30	East	132 kV Gorakhpur FCI - Bhawanipur DC		60		14												
31	West	Bahol (Moradabad)		50		14												
32	West	Bahol - Behol 132 kV DC		70		15												
33	West	Chandauli (220)-Behol 132kV DC line																
34	West	Moradabad (220)-Behol 132kV DC line																
35	West	Behol (Moradabad)																
36	West	Behol - Bahol 132 kV DC																
37	West	Chandauli (220)-Behol 132kV DC line																
38	West	Moradabad (220)-Amroha (II) 132 kV DC																
39	West	Amroha (II) (L.P. Nagar)																
40	West	Moradabad (220)-Amroha (II) 132 kV DC																
41	West	Amroha (II) (L.P. Nagar)																
42	West	Moradabad (220)-Amroha (II) 132 kV DC																
43	West	Amroha (II) (L.P. Nagar)																
44	West	Moradabad (220)-Amroha (II) 132 kV DC																
45	West	Amroha (II) (L.P. Nagar)																
46	West	Moradabad (220)-Amroha (II) 132 kV DC																
47	West	Amroha (II) (L.P. Nagar)																
48	West	Moradabad (220)-Amroha (II) 132 kV DC																
49	West	Amroha (II) (L.P. Nagar)																
50	West	Moradabad (220)-Amroha (II) 132 kV DC																
51	West	Amroha (II) (L.P. Nagar)																
52	West	Moradabad (220)-Amroha (II) 132 kV DC																
53	West	Amroha (II) (L.P. Nagar)																
54	West	Moradabad (220)-Amroha (II) 132 kV DC																
55	West	Amroha (II) (L.P. Nagar)																
56	West	Moradabad (220)-Amroha (II) 132 kV DC																
57	West	Amroha (II) (L.P. Nagar)																
58	West	Moradabad (220)-Amroha (II) 132 kV DC																
59	West	Amroha (II) (L.P. Nagar)																
60	West	Moradabad (220)-Amroha (II) 132 kV DC																
61	West	Amroha (II) (L.P. Nagar)																
62	West	Moradabad (220)-Amroha (II) 132 kV DC																
63	West	Amroha (II) (L.P. Nagar)																
64	West	Moradabad (220)-Amroha (II) 132 kV DC																
65	West	Amroha (II) (L.P. Nagar)																
66	West	Moradabad (220)-Amroha (II) 132 kV DC																
67	West	Amroha (II) (L.P. Nagar)																
68	West	Moradabad (220)-Amroha (II) 132 kV DC																
69	West	Amroha (II) (L.P. Nagar)																
70	West	Moradabad (220)-Amroha (II) 132 kV DC																
71	West	Amroha (II) (L.P. Nagar)																
72	West	Moradabad (220)-Amroha (II) 132 kV DC																
73	West	Amroha (II) (L.P. Nagar)																
74	West	Moradabad (220)-Amroha (II) 132 kV DC																
75	West	Amroha (II) (L.P. Nagar)																
76	West	Moradabad (220)-Amroha (II) 132 kV DC																
77	West	Amroha (II) (L.P. Nagar)																
78	West	Moradabad (220)-Amroha (II) 132 kV DC																
79	West	Amroha (II) (L.P. Nagar)																
80	West	Moradabad (220)-Amroha (II) 132 kV DC																
81	West	Amroha (II) (L.P. Nagar)																
82	West	Moradabad (220)-Amroha (II) 132 kV DC																
83	West	Amroha (II) (L.P. Nagar)																
84	West	Moradabad (220)-Amroha (II) 132 kV DC																
85	West	Amroha (II) (L.P. Nagar)																
86	West	Moradabad (220)-Amroha (II) 132 kV DC																
87	West	Amroha (II) (L.P. Nagar)																
88	West	Moradabad (220)-Amroha (II) 132 kV DC																
89	West	Amroha (II) (L.P. Nagar)																
90	West	Moradabad (220)-Amroha (II) 132 kV DC																
91	West	Amroha (II) (L.P. Nagar)																
92	West	Moradabad (220)-Amroha (II) 132 kV DC																
93	West	Amroha (II) (L.P. Nagar)																
94	West	Moradabad (220)-Amroha (II) 132 kV DC																
95	West	Amroha (II) (L.P. Nagar)																
96	West	Moradabad (220)-Amroha (II) 132 kV DC																
97	West	Amroha (II) (L.P. Nagar)																
98	West	Moradabad (220)-Amroha (II) 132 kV DC																
99	West	Amroha (II) (L.P. Nagar)																
100	West	Moradabad (220)-Amroha (II) 132 kV DC																

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[illegible]



**Uttar Pradesh Power Transmission Corporation  
Limited  
LUCKNOW**



**XII<sup>th</sup> Five Year Plan  
(2012-2017)**

**Three Year Balance Program from  
2014-15, 2015-16, 2016-17**

**\* December - 2014 \***

**(V-2)**

(Issued by Commercial Department, UPPTCL)

  
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Sl No.	INDEX	Page No.
1	Executive Summary	1.1 - 1.4
2	UPPTCL Capital Business Plan (Long Term Perspective)	2.1 - 2.4
3	Electricity Demand and Generation Capacity Expansion Program of UP state	3.1 - 3.4
4	Evacuation Plan of Ongoing and New Generating Plants	4.1 - 4.6
5	Transmission Network studies for Planning	5.1
6	XII <sup>th</sup> Five Year Plan (2012-2017)	6.1 - 6.7
7	Tentative Transmission Plan (2017-2022)	7.1 - 7.4

For any modifications/corrections,

Please contact: 0522-2218689, Email-ld-director\_comm@upptcl.org

  
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# Chapter-1

## Executive Summary

- The total Capex plan of UPPTCL under 12<sup>th</sup> plan is Rs.18074.69 Cr. Considering carry forward schemes to XII<sup>th</sup> plan on which Rs.2089.31 Cr. already spent up to March-2012, the total capex schemes outlay is Rs.20164 Cr. Out of this already Rs.4738 has been spent up to March-2014 and balance anticipated expenditure outlay is as below:


Carry Forwarded from XI<sup>th</sup> Plan: Rs.2089.31 Cr.

2012-13: Rs.1463.21 Cr.	}	Rs.18074.69 Cr.
2013-14: Rs.1185.48 Cr.		
2014-15: Rs.1900 Cr.		
2015-16: Rs.4800 Cr.		
2016-17: Rs.8726 Cr.		

- Equity anticipated from the Government is of the order of Rs.7633 Cr. provided for individual Capex schemes at 70:30 debt: equity ratio, year wise breakup of the same is below. Equity provided in some cases in advance to commence the work execution.

2012-13: Rs.800 Cr.  
2013-14: Rs.1395 Cr.  
2014-15: Rs.1120 Cr.  
2015-16: Rs.1700 Cr.  
2016-17: Rs.2618 Cr.

- The outlay in the current year is entirely against ongoing works and based on the physical progress of those schemes. For new schemes preliminary action for feasibility, financial sanction is in process from TWC, BOD and ETF. Where the tendering is in process and work orders placed, such scheme has been shifted from the database of new schemes to ongoing schemes.
- On implementation of this Capex Plan, the UP State will in a position to handle approx. 25000 MW of power.

  
1.1  
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**# Number of Substation  
(Capacity in MVA)**

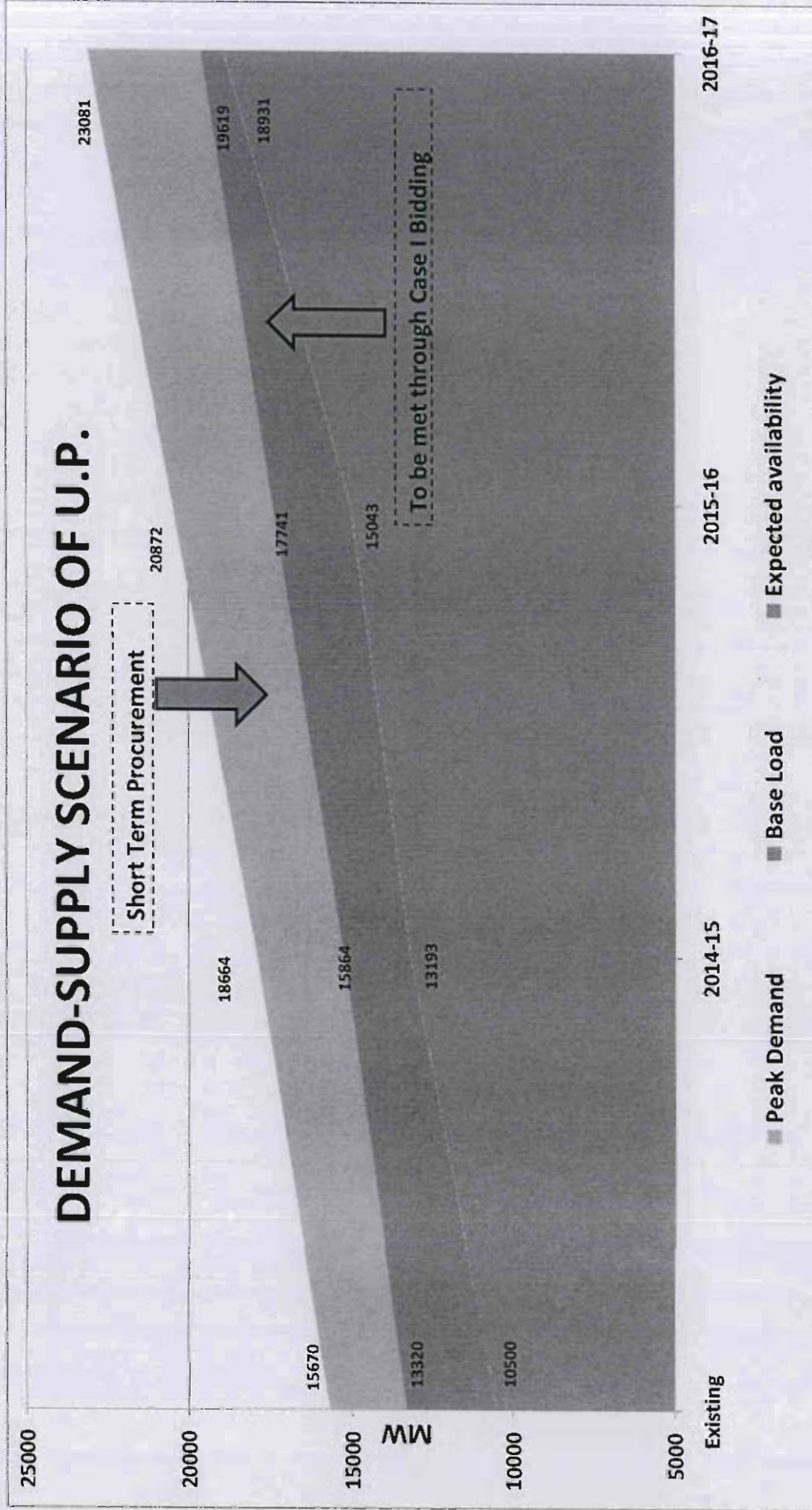
Year	765kV	400kV	220kV	132kV	Total
<b>2012-13 (Actual)</b>	—	—	5 (1260)	10 (500)	15 (1760)
<b>2013-14 (Actual)</b>	—	—	4 (780)	12 (640)	16 (1420)
<b>2014-15</b>	1 (1000)	4 (2740)	20 (4300)	51 (2750)	76 (10790)
<b>2015-16</b>	1 (3000)	4 (2830)	19 (5680)	67 (4538)	91 (16048)
<b>2016-17</b>	—	1 (1000)	13 (3700)	26 (2080)	40 (6780)
<b>Total</b>	2 (4000)	9 (6570)	61 (15720)	166 (10508)	238 (18708)

**# Capacity in CKM**

Year	765kV	400kV	220kV	132kV	Total
<b>2012-13 (Actual)</b>	—	—	90	449	539
<b>2013-14 (Actual)</b>	—	518	84	344	946
<b>2014-15</b>	426	740	2051	1502	4719
<b>2015-16</b>	—	—	496	1364	1860
<b>2016-17</b>	—	—	135	—	135
<b>Total</b>	426	1258	2856	3659	8199

- With the implementation of this Capex plan the Transformation capacity at various voltage levels will reach to 125116 MVA in aggregate from the current level of 63768 MVA and the length of the lines will reach to 48163 CKM as compared to the current level of 27604 CKM.
- Considering the overall demand of electricity in UP State and availability of generation, balance requirement has been/would be made available through case 1 bidding and by short term procurement as depicted in the graph along with generation capacity augmentation plan in the table.





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<b>Plan for Capacity Augmentation in Generation FY 2014-15 to 2016-17</b>					
<b>Source</b>	<b>Existing Capacity</b>	<b>2014-15 Target</b>	<b>2015-16 Target</b>	<b>2016-17 Target</b>	<b>Progressive Capacity by Mar'17</b>
State Sector (Thermal)	4933	1000			5933
State Sector (Hydro)	432		1.5		433.5
Joint Sector				916	916
Central Sector	5245	1482	463	450	7640
Tanda	440				440
Karcham Wangtoo	284				284
IPP	2874	884	1848	1320	6926
Case-I				2175	2175
Grand Total	14208	3366	2313	4861	24747
Availability @ 80%		2693	1850	3889	
Cumulative Availability	10500	13193	15043	18931	18931



## Chapter-2

### UPPTCL : Capital Business Plan (Long term perspectives)

**Overview:** UPPTCL has prepared Long Term Capital Investment Business Plan considering transmission load flow study in order to achieve not only enhancement in transmission capacity of UPPTCL but also to improve voltage profile, quality of electricity supply and system reliability. Capital investment plan is prepared in accordance with applicable tariff regulations considering electricity demand and generation capacity enhancement program.

Long Term (20 Years) transmission perspective plan (2014-34) as reviewed by NRPC & finalized by CEA is considered as source document. This plan is basically indicative in nature and covers the transmission systems at 400kV and above voltage levels. This Plan has been formulated in two parts, Part-I: Evolving Transmission System Additions for 13<sup>th</sup> Plan i.e. up to 2021-22 and Part-II: Evolving Transmission Corridors for period 2022-34 i.e. 14<sup>th</sup>, 15<sup>th</sup> Plans and beyond up to 2034.

In respect of part one, i.e. up to 13<sup>th</sup> Plan end, transmission system has been evolved based on State-wise demand projections and generation plants under various stages of implementation. In regard to part two, as the generation has been de-licensed and generation plants in this time frame are yet to take off, it is not possible to identify the optimum generation plan for the period 2022-34. In such a scenario, broad transmission corridors have been identified.

**Load Growth:** The electricity demand projection of each state/ region has been considered as per 18<sup>th</sup> EPS (Electric Power Survey) of the country up to 15<sup>th</sup> Plan i.e. up to 2031-32. A forecast for 2034, by extrapolating the EPS figures has been made as the 18<sup>th</sup> EPS does not provide forecast for the year 2033-34. The total demand of the country including export to SAARC countries is expected to grow from 148 GW at present to 615 GW by 2033-34 as shown in Table-1.

**Generation Growth:** The present generation installed capacity in the country by end of July 2014 was about 250 GW including renewable generating resources of about 32 GW. An assessment has been carried out to identify generation capacity State-wise and type wise that is likely to be commissioned up to end of 13<sup>th</sup> Plan i.e. 2021-22. Accordingly, the total Installed Capacity by the end of 13<sup>th</sup> Plan is expected to be of the order of 469 GW which also includes 65 GW of renewable capacity.

The projection of generation beyond 2021-22 has been made utilizing the result of the Report of the "Working Group on Integrated Strategy for Bulk Transport of Energy", [part of the Report of National Transmission Development Policy Committee (NTDPC) setup by Cabinet Secretariat] supplemented with additional information as available with regard to nuclear, hydro projects in SAARC, gas resources. Two generation addition scenarios have been identified for 14<sup>th</sup> and 15<sup>th</sup> Plan Periods, Scenario-I as per NTDPC report and Scenario-II considering low availability of Gas and additional imported coal. A generation capacity scenario for 2033-34 has been considered by scaling up the coal based and gas based capacities of scenario-I. The installed capacity including SAARC import grows from 250 GW at present up to 1029 GW by 2033-34 as shown in Table-2.

  
2.1  
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201

**Table-1: Region-wise Demand Forecast (in MW) as per 18<sup>th</sup> EPS**


State/UTs	11th Plan End (2011-12)	Existing as on 31-07-14	12th Plan End (2016-17)	13th Plan End (2021-22)	14th Plan End (2026-27)	15th Plan End (2031-32)	Estimates for 2033-34
<b>Northern Region</b>	<b>40248</b>	<b>51112</b>	<b>60934</b>	<b>86461</b>	<b>121979</b>	<b>164236</b>	<b>184987</b>
<b>Uttar Pradesh</b>	<b>12038</b>	<b>15670</b>	<b>23081</b>	<b>36061</b>	<b>53690</b>	<b>73708</b>	<b>83669</b>
<b>U.P. (% in N.R.)</b>	<b>29.9%</b>	<b>30.7%</b>	<b>37.9%</b>	<b>41.7%</b>	<b>44.0%</b>	<b>44.9%</b>	<b>45.2%</b>
Western Region	42352	43170	62015	86054	120620	163222	184214
Southern Region	37599	39094	57221	82199	118764	165336	188730
Eastern Region	14707	15888	24303	35928	53053	72874	82740
North Eastern Region	1920	2263	2966	4056	6169	8450	9583
Andaman & Nicobar	48	40	67	89	125	172	195
Lakshadweep	8	8	11	18	23	30	33
<b>All India</b>	<b>130006</b>	<b>148166</b>	<b>199540</b>	<b>283470</b>	<b>400705</b>	<b>541823</b>	<b>611323</b>
<b>Uttar Pradesh</b>	<b>12038</b>	<b>15670</b>	<b>23081</b>	<b>36061</b>	<b>53690</b>	<b>73708</b>	<b>83669</b>
<b>U.P. (% in All India)</b>	<b>9.3%</b>	<b>10.6%</b>	<b>11.6%</b>	<b>12.7%</b>	<b>13.4%</b>	<b>13.6%</b>	<b>13.7%</b>
Bangladesh		500	500	1000	1500	2000	2000
Nepal					400	500	500
Sri Lanka					500	800	1000
Pakistan				200	800	1000	1000
SAARC Exports	-	500	500	1200	3200	4300	4500
<b>Total All India + SAARC</b>	<b>130006</b>	<b>148666</b>	<b>200040</b>	<b>284670</b>	<b>403800</b>	<b>546000</b>	<b>615700</b>

**Directives of UPERC on CAPEX plan- As per UPERC transmission tariff regulations 2004**

Capex Plan has to be given separately for Ongoing Schemes and New Schemes. Following are the highlights from directives:

- Date of Commercial operation (COD):** This is the date on which transmission system is charged to its rated voltage level.
- Additional capitalization:** Applicable on schemes already completed and put into commercial operation and has to be considered for Renovation and Modernization (R&M) or enhancement of the capacity in order to qualify for the additional capitalization.
- In all Capex works, Dept: Equity ratio will normally be 70:30. Where actual equity employed is less than 30%, and then the actual debt and equity shall be considered for determination of tariff.

**2.2**


  
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**202**



**Table-2: Region-wise Installed Capacity (in MW) as per 18<sup>th</sup> EPS**

State/UTs	Existing as on 31-07- 14	12th Plan End (2016- 17)	13th Plan End (2021- 22)	14th Plan End (2026-27)		15th Plan End (2031-32)		Estimates for 2033-34
				Scenario I	Scenario II	Scenario I	Scenario II	
<b>Northern Region</b>	<b>62460</b>	<b>85316</b>	<b>102206</b>	<b>164789</b>	<b>164789</b>	<b>231173</b>	<b>230897</b>	<b>246056</b>
<b>Uttar Pradesh</b>	<b>18754</b>	<b>24484</b>	<b>26854</b>	<b>38800</b>	<b>38800</b>	<b>55232</b>	<b>55232</b>	<b>61770</b>
<b>U.P. (% in N.R.)</b>	<b>30.0%</b>	<b>28.7%</b>	<b>26.3%</b>	<b>23.5%</b>	<b>23.5%</b>	<b>23.9%</b>	<b>23.9%</b>	<b>25.1%</b>
Western Region	92583	128556	148818	207585	207585	282896	282896	309491
Southern Region	58609	95882	118958	169440	169441	217557	217558	234661
Eastern Region	32571	46619	77813	101623	101623	128816	128816	145767
North Eastern Region	3548	6421	14623	23699	23699	41533	41576	41901
<b>All India</b>	<b>249771</b>	<b>362794</b>	<b>462418</b>	<b>667136</b>	<b>667137</b>	<b>901975</b>	<b>901743</b>	<b>977876</b>
<b>Uttar Pradesh</b>	<b>18754</b>	<b>24484</b>	<b>26854</b>	<b>38800</b>	<b>38800</b>	<b>55232</b>	<b>55232</b>	<b>61770</b>
<b>U.P. (% in All India)</b>	<b>7.5%</b>	<b>6.7%</b>	<b>5.8%</b>	<b>5.8%</b>	<b>5.8%</b>	<b>6.1%</b>	<b>6.1%</b>	<b>6.3%</b>
Bhutan	1416	4482	6602	13986	13986	26534	26534	26534
Nepal	0	0	0	10000	10000	20000	20000	25000
<b>Total</b>	<b>251187</b>	<b>367276</b>	<b>469020</b>	<b>691122</b>	<b>691123</b>	<b>948509</b>	<b>948276</b>	<b>1029410</b>

  
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2.3

203

Considering upon long term perspective plan as above XII<sup>th</sup> plan program of UP transmission system is prepared considering spillover schemes from XI<sup>th</sup> plan. New schemes have been proposed to meet new transmission systems requirement in accordance with load growth profile as per different region of UP.

### **Right of Way (ROW)**

One of the hurdles in execution of the transmission plan is **Right of Way (ROW)** especially in EHV transmission lines and approach road to Sub-station sites. Different ROW problems are being faced while execution of transmission system covering S/S and Lines are as follows:

1. **Railway Crossing:** This is being resolved by contacting concerned railway authority and higher level depending on the severity of ROW.
2. **Road Crossing:** Issue is taken up with NHAI and other department concerned authorities and it is being resolved amicably.
3. **Legal Dispute:** Cases are being handled in appropriate court for early settlement.
4. **Forest Clearance/Wild Life:** Standard procedure is being followed at State/ Central level to resolve the issues and obtain forest clearance & wildlife clearance.
5. **Farmer's Land:** Interventions of local authorities involving DM Level are being taken up to resolve the issues with applicable compensation policy to the farmers/ affected people.
6. **Approach Road:** This issue is being resolved with the intervention of DM Level & local people affected.

All ROW issues are discussed in regular meetings. Follow up actions are under taken at field level with concerned authorities with intervention from top management level, wherever required.

  
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2.4



### Chapter-3

## Electricity Demand and Generation Capacity Expansion Programme of UP State

1 Capacity Augmentation Scenario in UP			XII th Plan Actual / Expected							
	Source	Existing Capacity (MW) MAR'14	2012-13 Actual	2013-14 Actual	2014-15 Target	2015-16 Target	2016-17 Target	Total	Prog. Capacity by March'17	
	State Sector (Thermal)	4933		1000	1000			2000	5933	
	State Sector (Hydro)	432				1.5		1.5	433.5	
	Joint Sector						916	916	916	
	Central Sector	5245	47	51	1482	463	450	2492	7640	
	Tanda	440							440	
	Karchham Wangtoo (1091 MW*28.4%)	284							284	
	IPP	2874			884	1848	1320	4052	6926	
	Case-I						2175	2175	2175	
	Grand Total	14208	47	1051	3366	2313	4861	11637	24747	
	Availability @ 80%				2693	1850	3889	9310		
	Cumulative Availability	10500			13193	15043	18931	18931	18931	
2 New Generation Projects to be completed in 12th & 13th Plan										
	Power Project	Capacity (MW)	UP Share %	2012-13	2013-14	2014-15	2015-16	2016-17	Total (MW)	Year of Completion
I.	State Sector									
	1. Parichha U-5& U-6	500	100%		500				500	
	2. Anpara-D (2x500)	1000	100%			1000			1000	
	3. Harduaganj Ext	500	100%		500				500	
	4. Harduaganj Ext II	660	100%							2018-19
	5. Panki Extension	660	100%							2018-19
	6. Obra C (2x660)	1320	100%							2019-20
	Total State Sector	4640		0	1000	1000	0	0	2000	
II.	Joint Sector									
	1. Nvelli Lignite (3x660)	1980	65%							2019-20
	2. Meja I NTPC (2x660)	1320	69%					916	916	
	3. Meja II NTPC (2x660)	1320	69%							2020-21
	Total Joint Sector	4620		0	0	0	0	916	916	
III.	Central Sector									
	1. Rihand Stage-3	500	64%			320			320	
	2. Singrauli Stage-3	250	73%				182		182	
	3. Koldam (Hydro)	800	19%			155			155	
	4. Parbati (Hydro)-II	800	19%			155			155	
	5. Parbati (Hydro)-III	520	20%			105			105	
	6. Unchahar Stage-4	500	50%					250	250	
	7. RAPP U7 & 8 (2x700)	1400	12%				81	81	162	
	8. Rampur (6x68.67)	440	13%			57			57	
	9. Chamera-III (3x77)	231	20%	47					47	
	10. Kishanganga (3x110)	330	19%					64	64	
	11. Uri II (4x60)	240	21%		51				51	
	12. Tapovan Vishnugarh (4x130)	520	19%			101			101	
	13. Kameng (4x150)	600	9%					55	55	
	14. Lower Subanshri (4x250)	1000	9%			91			91	
	15. Teesta-III HEP	1200	17%				200		200	
	16. Sasan UMPP (6x660)	3960	13%			498			498	
	Total Central Sector	13291		47	51	1482	463	450	2492	
IV.	IPP									
	Bara-I	660	90%			594			594	
	Bara-II	660	90%				594		594	
	Bara-III	660	90%				594		594	
	Karchana (2x660)	1320	100%							2019-20
	Lalitpur-I	660	100%				660		660	
	Lalitpur-II	660	100%					660	660	
	Lalitpur-III	660	100%					660	660	
	Sri Nagar Hydro	330	88%			290			290	
	Total IPP	5610		0	0	884	1848	1320	4052	
V.	CASE-I									
	1. M/S PTC INDIA LIMITED (TRN ENERGY LIMITED)						390	390		
	2. M/S LANCO POWER LIMITED (BABANDHA THERMAL POWER PROJECT)						424	424		
	3. M/S KSK MAHANADI POWER COMPANY LIMITED						1000	1000		
	4. M/S PTC INDIA LIMITED (M.B. POWER (MADHYA PRADESH) LIMITED)						361	361		
	Total Case-I						2175	2175		

3.1

  
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205

3.1 Existing Capacity of UPRVUNL (Thermal Unit)														
(Existing as on Nov'2014)														
Power Projects	Total Installed Capacity	U-1	U-2	U-3	U-4	U-5	U-6	U-7	U-8	U-9	U-10	U-11	U-12	U-13
Anpara A	630	210	210	210										
Anpara B	1000				500	500								
Obra A (U-8 Under Deletion)	288	50	50		Discarded			94	94					
Obra B	1000				Discarded					200	200	200	200	200
Harduaganj Old	165	Discarded				60	Discarded	105						
Harduaganj New	500	Discarded					Discarded		250	250				
Panki	210	Discarded	Discarded	105	105									
Parichha-A	220	110	110											
Parichha-B	420			210	210									
Parichha-C	500					250	250							
TOTAL CAPACITY	4933													

  
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### 3.2 Existing Capacity of UPJVNL (Hydro Unit)

(Existing as on Nov'2014)									
S.NO.	STATION	CAPACITY	TOTAL	% SHARE OF UP	Total UP Share (MW)	DATUM LEVEL	OPERATING LEVEL	REMARK	
1	RIHAND (H)	6x50	300	85%	255	830.0 Ft.	830 TO 870 Ft.	15% to MP	
2	OBRA (H)	3x33	99	100%	99	192.7 Mtr.	Down Stream of Rihand subject to Datum Level		
3	MATATILA (H)	3x10.2	30.6	66.67%	20.4		Operation as per Irrigation Dept.	33.33% to MP	
4	KHARA (H)	3x24	72	80%	57.6		Run of the River plant	20% to HP	
Total			501.6		432				
New Projects under Construction									
1	KHARA Ext.	2x0.75	1.5	100%	1.5		Run of the River plant		Year 2015-16

  
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### 3.3 Existing Generation Capacity (Central Sector, Tanda, Karchham W. & I.P.P.)

Projects	Location	Capacity	ALLOCATED POWER %	UNALLOCATED %	UP Share %	Allocated Share (Gross)	Allocated Net Share (MW)	Unallocated Net Share	Total Share (MW) Gross	Net Share (MW) Net	% Aux Consum.
1	2	3	4	5	6				7	8	9
<b>Central Sector (CS)</b>											
<b>THERMAL:</b>											
Singrauli	UP	2000	37.68	4.77	42.4	753.6	699.391	88.5375	848	787	7.1934
Rihand-1	UP	1000	32.57	4.75	37.3	325.7	297.758	43.4249	373	341	8.5791
Rihand-2	UP	1000	29.60	5.15	34.7	296	277.233	48.2349	347	325	6.3401
Rihand-3	UP	1000	32.01	5.73	37.7	320.1	298.873	53.5003	377	352	6.6313
Dadri(T) I	UP	840	10.0		10.0	84	77	0	84	77	8.3333
Dadri(T) II	UP	980	15.3		15.3	149.94	140	0	150	140	6.6293
Unchahar-1	UP	420	59.5	1.82	61.3	249.984	228.176	6.97716	257.46	235	8.7237
Unchahar-2	UP	420	30.7	5.74	36.4	128.898	117.195	21.9192	153	139	9.079
Unchahar-3	UP	210	30.0	5.65	35.6	63	57.3034	10.7921	75	68	9.0423
Jhajjar	HR	1500	0.0	3.41	3.4	0	0	48.1412	51	48	5.8824
Sasan (IPP)	MP	2640	12.5		12.5	330	309	0	330	309	6.3636
<b>TOTAL THERMAL</b>		<b>12010</b>				<b>2701.222</b>	<b>2501.93</b>	<b>321.527</b>	<b>3045.04</b>	<b>2821</b>	<b>7.3575</b>
<b>EASTERN REGION:</b>											
Farakka	WB	1600	2.1		2.1	33.28	30.7048	0	34	31	7.7381
Kahalgaoon-I	Bihar	840	9.1		9.1	76.608	70.1538	0	76	70	8.4249
Kahalgaoon-II	Bihar	1500	16.7		16.7	250.95	235.422	0	251	235	6.1876
<b>TOTAL EASTERN REGION</b>		<b>3940</b>				<b>360.838</b>	<b>336.281</b>	<b>0</b>	<b>361</b>	<b>336</b>	<b>6.8065</b>
<b>GAS:</b>											
Dadri (GPS)	UP	830	29.6	3.15	32.7	245.68	238.972	25.4312	271	264	2.7302
Anta (GPS)	RJ	419	21.8	6.77	28.5	91.1325	88.5263	27.5551	119	116	2.8598
Auriya (GPS)	UP	663	32.1	4.68	36.7	212.5578	206.162	30.0948	243	236	3.0088
<b>TOTAL GAS &amp; LIQUID</b>		<b>1912</b>				<b>549.3703</b>	<b>533.661</b>	<b>83.0811</b>	<b>634</b>	<b>616</b>	
<b>NUCLEAR:</b>											
NAPP	UP	440	31.3	6.55	37.8	137.72	125.034	26.1653	166	151	9.2112
RAPP-B	RJ	440	15.0	3.10	18.1	66	59.6685	12.3315	80	72	9.5932
RAPP-C	RJ	440	19.5	6.75	26.2	85.756	90.0111	31.1737	115	121	-4.962
<b>TOTAL NUCLEAR</b>		<b>1320</b>				<b>289.476</b>	<b>274.714</b>	<b>69.6705</b>	<b>361</b>	<b>344</b>	<b>4.7725</b>
<b>HYDRO:</b>											
Salal I & II	J & K	690	6.95		7.0	47.955	46.6643	0	48	47	2.6915
Uri-I	J & K	480	20.06		20.1	96.288	94.8109	0	96	95	1.534
Uri-II	J & K	240	21.13	6.68	27.8	50.7	50.1529	15.8471	67	66	1.079
Tanakpur	UK	94	22.64		22.6	21.2816	21.0372	0	21	21	1.1486
Chamera-1	HP	540	20.27		20.3	109.458	107.84	0	110	108	1.4778
Chamera-2	HP	300	20.66	8.10	28.7	61.98	61.1882	23.9895	86	85	1.2776
Chamera-3	HP	231	20.14	6.75	26.8	46.53264	45.8501	15.3638	62	61	1.4667
Dhauri Ganga	UK	280	20.00	6.75	26.7	56	55.4307	18.7079	75	74	1.0166
Dulhasti	HP	390	21.81	6.75	28.5	85.059	84.1789	26.0526	111	110	1.0346
PARBATI-III	HP	520	20.15	6.75	26.9	104.78	103.372	34.6283	140	138	1.344
Sewa-II	HP	120	22.50	6.75	29.2	27	26.9692	8.09075	35	35	0.1142
<b>TOTAL NHPC</b>		<b>3885</b>				<b>707.03424</b>	<b>697.495</b>	<b>142.68</b>	<b>851</b>	<b>840</b>	<b>1.316</b>
NJPC	HP	1500	19.20		19.2	288	284.99	0	287	284	1.0453
RAMPUR	HP	343	13.76	4.12	17.8	47.1968	47.1968	14.1316	61	61	0.000
TEHRI	UK	1000	37.40	4.45	41.8	374	370.421	44.0742	418	414	0.957
KOTESHWAR	UK	400	38.76	4.45	43.2	155.04	153.248	17.5942	173	171	1.156
TALA	Bhutan	1020	4.41		4.4	44.982	44.982	0	45	45	0.000
<b>TOTAL HYDRO</b>		<b>8148</b>				<b>1616.253</b>	<b>1598.33</b>	<b>218.48</b>	<b>1835</b>	<b>1815</b>	<b>1.101</b>
<b>TOTAL CENTRAL SECTOR</b>							<b>5244.92</b>	<b>692.759</b>	<b>6236.168</b>	<b>5932</b>	
Tanda (NTPC)	UP	440	100.0		100.0	440	387	0	440	387	12.045
Karchham Wangtoo	(JP) HP	1000	28.41			284.1	281.259	0	200	198	1.000
<b>I.P.P.</b>											
Roza (Thermal)	UP	1200	100.0		100.0	1200	1098	0	1200	1098	8.500
Vishnu Prayag (Hydro)	UK	400	88.0		88.0	352	348	0	352	348	1.136
Anpara-C (Thermal)	UP	1200	91.7		91.7	1100.4	1023.37	0	1100	1023	7.000
BEPL (Thermal)	UP	450	100.0		100.0	450	405	0	450	405	10.000
<b>TOTAL I.P.P.</b>		<b>3250</b>				<b>3102.4</b>	<b>2874.37</b>	<b>0</b>	<b>3102</b>	<b>2874</b>	




## Chapter-4

### Evacuation Plan of Ongoing and New Generating Plants

A. STATE SECTOR						
Sl. No.	Name of S/S or Line	MVA KM	% Completion	Actual/ Expected Date	Executing Agency	Remarks
<b>I.</b>	<b>Parichha U5&amp; 6</b>	<b>2x250</b>			<b>UPRVUNL</b>	
1	400 kV S/S Aligarh	2x500	90	Mar-15		
2	400 kV dc S/S Parichha – Orai	100	Completed	Mar-14		
3	400 kV dc S/S Orai – Mainpuri	140	Completed	Mar-14		
4	220 kV sc Parichha – Banda	200	Completed	Sep-13		
5	220 kV Parichha – Jhansi	14.2	Completed	Sep-14		
<b>II.</b>	<b>Anpara D</b>	<b>2x500</b>			<b>UPRVUNL</b>	
1	765 kV S/S Anpara D	2x588+1x1000	30			
2	765 kV SC Anpara C-Anpara D	10	Completed	Apr-14		
3	765 kV Anpara D-Unnao(Upto Jhusi)	182	78	Mar-15		
4	765 kV Anpara D-Unnao(Jhusi onwards)	234	93	Mar-15		
5	400 kV DC Anpara D to Anpara B	30	10	Mar-16		
<b>III.</b>	<b>Harduaganj Extension</b>	<b>2x250</b>	<b>Completed</b>		<b>UPRVUNL</b>	
	220 kV DC Harduaganj-Jahangirabad	47.7	20	Sep-15		
<b>IV.</b>	<b>Harduaganj Extension II</b>	13th Plan Scheme. Transmission Evacuation Plan will be provided on finalization of DPR				
<b>V.</b>	<b>Panki Extension</b>	13th Plan Scheme. Transmission Evacuation Plan will be provided on finalization of DPR				
<b>VI.</b>	<b>Obra C</b>	13th Plan Scheme. Transmission Evacuation Plan will be provided on finalization of DPR				

  
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B. JOINT VENTURE						
Sl. No.	Name of S/S or Line	MVA KM	% Completion	Actual/ Expected Date	Executing Agency	Remarks
I.	Nyveli Lignite	3x660	7	Mar-17	UNL+Nevelly JV	
1	765/400 kV ICT	2X500	0	Mar-17		
2	400/132 kV ICT	3X200	0	Mar-17		
3	765 kV SC Ghatampur-Gr. Noida	400	0	Mar-17		
4	765 kV SC Ghatampur-Agra Line	250	0	Mar-17		
5	765 kV SC Agra-Gr. Noida	200	0	Mar-17		
6	400 kV DC Ghatampur-Kanpur PG	30	0	Mar-17		
II.	Meja I NTPC	2x660		Mar-17	UNL+NTPC	
1	400 kV S/S Rewa Road Allahabad GIS	3X315	70	Mar-16		
2	400 kV LILO Obra-Panki@Allahabad	12	Completed	Nov-14		
3	400 kV DC q Meja- Allahabad	25	0	Mar-17		
III.	Meja II NTPC	2x660			NTPC	
1	400kV DC Bara-Meja line	25	0	Mar-17		
2	400kV DC Meja-Allahabad PG	25	0	Mar-17		
C. CENTRAL SECTOR						
<p>This power is distributed among all the state owned Discoms as per allocation share from Central Sector Project. Delivery points for injection of power are identified prior to signing of PPA. Depending upon the allocation of power to Discoms generally existing transmission capacity is assumed to be adequate and capable to meet the demand. However, if any specific requirements are intimated as per PPA or LTA of Discom's the augmentation work as required are undertaken by UPPTCL. CTU is responsible for evacuating allocated share of power upto the identified delivery points at UP State transmission networks. For the identified projects, no specific UP State transmission network Substation and Lines are proposed.</p>						

  
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D.	IPP					
Sl. No.	Name of S/S or Line	MVA KM	% Completion	Actual/ Expected Date	Executing Agency	Remarks
I.	Bara TPS	3x660	20		JP	
1	400 kV S/S Orai	2x315	30	Mar-15		
2	400 kV S/S Banda	2x315	10	Sep-15		
3	400 kV DC q Bara-Meja	25	70	Mar-17		
4	765 kV 2xSC Bara-Mainpuri	2X351	65	Mar-16		
5	765 kV Mainpuri-Hapur Line	350	30	Mar-16		
6	765 kV Mainpuri-Gr. Noida Line	350	30	Mar-16		
7	400 kV DC q Bara-Karchana	30	0	Mar-17		
8	400 kV DC q Orai-Banda	100	40	Mar-16		
9	400 kV DC q Allahabad-Banda	200	30	Mar-17		
II.	Karchana	2x660			JP	
1	400 kV DC q Karchana-Rewa Road	30	0	Mar-17		
III.	Lalitpur TPS Evacuation				UPPTCL through PGCIL	Details on Annex-A1
1	765 kV S/S Agra UP	2X1500		Mar-16		
2	765 kV Lalitpur-Agra UP 2XSC	2X370		Mar-16		
3	220 kV DC Lalitpur(220)-Lalitpur TPS	9.31	52	Feb-15		
4	220 kV DC Jhansi-Lalitpur IPP	80		Aug-14		
IV.	Sri Nagar Hydro	4x82.5			RNN	
1	400 kV LILO of Vishnuprayag - Muzaffarnagar at Srinagar HEP	7.116		Dec-14		
E.	Case-I					

About 6000 MW of power is being arranged from Case-I bidding to meet growing of demand of electricity from different inter-state sources. For this evacuation arrangements of CTU to STU periphery being improved through 765/400 kV networks. Detailed requirement for corridor creation to meet additional 10,000 MW from Case-1 bidding as long range plan being submitted to PGCIL. PGCIL will plan required 765/400 kV network with suitable interface with UP STU. All those bidders who have participated in the Case-I bidding process of UPPCL and whom LOI is issued and PPA signed with UPPCL, have to apply for reservation of inter-state transmission corridor of CTU. Load flow study data need to be provided by STU, UPPTCL to PGCIL for proper identification of transmission node to be developed by PGCIL.

  
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Power Evacuation CAPEX Plan for..... Power Projects: Ongoing S/S												
PPP-1 (SEUPPTCL) & PPP-2 (WUPPTCL) / GNDA Works (Part of STU)												
(Executed by Private Developers)												
SI No.	ONGOING & NEW (MVA)	PPP-1 / PPP-2	2014-15 MVA	2015-16 MVA	2016-17 MVA	TOTAL	Original C.O.D.	Actual/ Expected C.O.D.	% Prog. As on Sept-14			
	<b>765KV</b>											
1	Mainpuri (Ph.-1) 1x1000 MVA	PPP-1	1000	-	-	1000	Jan-14	Dec-14	25.18			
2	Mainpuri (Ph.-2) 1x1000 MVA	PPP-1	-	1000	-	1000	Jan-14	Aug-15	17.40			
3	G.Noida 765/400 1x1500 MVA	PPP-2	-	1500	-	1500	Nov-13	Mar-15	10.90			
4	G.Noida (Ph.-2A) 765/400	PPP-2	-	-	-	-	Nov-13	Aug-15	1.90			
5	G.Noida (Ph.-2B) 765/400 1x1500 MVA	PPP-2	-	-	1500	1500	Nov-13	Aug-16	0.00			
6	Hapur(Ph.-1) 765/400 1x1500 MVA	PPP-2	-	1500	-	1500	Nov-13	Aug-15	9.10			
7	Hapur(Ph.-2) 765/400 1x1500 MVA	PPP-2	-	-	1500	1500	Nov-13	Aug-16	0.00			
	<b>TOTAL</b>		<b>1000</b>	<b>4000</b>	<b>1500</b>	<b>6500</b>						
	<b>400KV</b>											
1	Sultanpur Road 400/220 2x500 MVA	PPP-1	-	1000	-	1000	Jan-14	Aug-15	7.00			
2	Rewa Road 400/220 2x315 MVA	PPP-1	630	-	-	630	Jan-14	Dec-14	42.67			
3	Gonda 400/220 2x315 MVA	PPP-1	-	630	-	630	Jan-14	Aug-15	23.59			
4	Aurai 400/220/132 2x315 MVA	PPP-1	-	630	-	630	Jan-14	Aug-15	6.00			
5	Sikandrabad 400/220 2x500 MVA	PPP-2	-	1000	-	1000	Nov-13	Mar-15	11.50			
6	G.Noida (Ph.-2B) 765 S/S: 400/220 2x315 MVA	PPP-2	-	-	630	630	Nov-13	Aug-16	0.00			
7	Hapur 765 S/S (Ph.-1): 400/220 2x1500 MVA	PPP-2	-	1000	-	1000	Nov-13	Aug-15	9.10			
8	Hapur 765 S/S (Ph.-2): 400/220 2x1500 MVA	PPP-2	-	-	1000	1000	Nov-13	Aug-16	0.00			
9	Attatur (Ph.-1) 400/220 1x500 MVA	PPP-2	-	500	-	500	Nov-13	Aug-15	10.60			
10	Attatur (Ph.-2) 400/220 1x500 MVA	PPP-2	-	-	500	500	Nov-13	Aug-16	0.00			
11	Dasna (Ph.-1) 400/220 kv 1x315 MVA	PPP-2	-	315	-	315	Nov-13	Aug-15	0.00			
12	Dasna (Ph.-2) 400/220 kv 1x315 MVA	PPP-2	-	-	315	315	Nov-13	Aug-16	0.00			
13	Indrapuram 400/220 2x315 MVA	PPP-2	-	-	630	630	Nov-13	Aug-16	10.20			
14	Nehhtaur 400/132 3x200 MVA	PPP-2	-	-	600	600	Nov-13	Aug-16	12.40			
15	Noida (148) 400/220 2x500 MVA	GNDA	500	500	-	1000	Nov-13					
16	Noida (123) 400/132 2x400 MVA	GNDA	-	400	400	800	Nov-13					
	<b>TOTAL</b>		<b>1130</b>	<b>5975</b>	<b>4075</b>	<b>11180</b>						
	<b>220KV</b>											
1	Sultanpur Road 400 S/S: 220/132 2x160 MVA	PPP-1	-	320	-	320	Jan-14	Aug-15	7.00			
2	Gonda 400 S/S: 220 2x100 MVA	PPP-1	-	200	-	200	Jan-14	Aug-15	23.59			
3	Aurai 400 S/S: 220/132 2x160 MVA	PPP-1	-	320	-	320	Jan-14	Aug-15	6.00			
4	Ataur (Ph.-1) 400 S/S: 220/33 3x60 MVA	PPP-2	-	180	-	180	Nov-13	Aug-15	10.60			
5	Indrapuram 400 S/S: 220/33 3x60 MVA	PPP-2	-	-	180	180	Nov-13	Aug-16	10.20			
	<b>TOTAL</b>		<b>0</b>	<b>1020</b>	<b>180</b>	<b>1200</b>						
	<b>Grand Total</b>		<b>2130</b>	<b>10995</b>	<b>5755</b>	<b>18880</b>						

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**Power Evacuation CAPEX Plan for ..... Power Projects: Ongoing Lines**  
**PPP-1 (SEUPPTCL) & PPP-2 (WUPPTCL) / GNDA Works (Part of STU)**

(Executed by Private Developers)

Sl No.	ONGOING & NEW (LINES)	PPP-1 / PPP-2	2014-15		2015-16		2016-17		TOTAL	Original C.O.D.	Actual/ Expected C.O.D.	% Prog. As on Sept.- 14
			CKM		CKM		CKM		CKM			
	<b>765KV</b>											
1	765KV Mainpuri-Bara Line-II	PPP-1	350		-		-		350	Jan-14	Dec-14	29.72
2	765KV Mainpuri-Bara Line-I	PPP-1	-		350		-		350	Jan-14	Aug-15	26.11
3	765KV Unnao-Mainpuri Line	PPP-1	-		175		-		175	Jan-14	Aug-15	37.44
4	765KV Mainpuri-G.Noida Line	PPP-2	270		-		-		270	Nov-13	Mar-15	27.11
5	765KV Meerut(PG)-Agra(PG) Line of ULLO at G.Noida	PPP-2	80		-		-		80	Nov-13	Mar-15	0.00
6	765KV Mainpuri-Hapur Line	PPP-2	-		250		-		250	Nov-13	Aug-15	32.12
7	765KV G.Noida-Hapur Line	PPP-2	-		50		-		50	Nov-13	Aug-15	11.52
	<b>TOTAL</b>		<b>700</b>		<b>825</b>		<b>0</b>		<b>1525</b>			
	<b>400KV</b>											
1	400KV D.C. Rewa Road- Meja Line (Start-up Power)	PPP-1	64		-		-		64	Jan-14	Dec-14	100.00
2	400KV D.C. Bara- Meja Line (Start-up Power)	PPP-1	68		-		-		68	Jan-14	Dec-14	100.00
3	400KV Obra-Panki ULLO Line (Start-up Power)	PPP-1	24		-		-		24	Jan-14	Dec-14	80.00
4	400KV D.C. Orai-Mainpuri ULLO Line	PPP-1	60		-		-		60	Jan-14	Dec-14	54.23
5	400KV D.C. Mainpuri-Aligarh Line	PPP-1	240		-		-		240	Jan-14	Dec-14	48.62
6	400KV D.C. Tanda-Gonda Line	PPP-1	-		200		-		200	Jan-14	Aug-15	21.68
7	400KV D.C. Rewa Road-Karchana Line	PPP-1	-		60		-		60	Jan-14	Aug-15	1.87
8	400KV Obra-Sultanpur ULLO Line	PPP-1	-		30		-		30	Jan-14	Aug-15	0.00
9	400KV D.C. Gonda-Shahjahanpur Line	PPP-1	-		460		-		460	Jan-14	Aug-15	25.68
10	400KV D.C. Bara-Karchana Line	PPP-1	-		60		-		60	Jan-14	Aug-15	0.78
11	400KV Sarojini Nagar ULLO Line	PPP-1	-		40		-		40	Jan-14	Aug-15	3.02
12	400KV DC G.Noida-Sikandrabad Line	PPP-2	80		-		-		80	Nov-13	Mar-15	6.05
13	400KV DC Hapur-(765KV)-Attaur Line	PPP-2	-		130		-		130	Nov-13	Aug-15	16.08
14	400KV DC Hapur-Dasna Line	PPP-2	-		46		-		46	Nov-13	Aug-15	0.00
15	400KV DC G.Noida-Noida(sec-148) Line	PPP-2	-		60		-		60	Nov-13	Aug-15	2.50
16	400KV Moradabad-MuradNagar Line of ULLO at 765KV Hapur	PPP-2	-		40		-		40	Nov-13	Aug-15	0.00
17	400KV Muradnagar-MuzaffarNagar Line of ULLO at 400KV Attaur	PPP-2	-		80		-		80	Nov-13	Aug-15	0.00
18	400KV DC Attaur-Indirapuram Line	PPP-2	-		-		50		50	Nov-13	Aug-16	0.00
19	400KV Rishikesh-Kashipur Line of ULLO at 400KV Nahattor	PPP-2	-		-		20		20	Nov-13	Aug-16	0.00
	<b>TOTAL</b>		<b>536</b>		<b>1206</b>		<b>70</b>		<b>1812</b>			
	<b>Grand Total</b>		<b>1236</b>		<b>2031</b>		<b>70</b>		<b>3337</b>			



## Lalitpur TPS evacuation works (Being executed by PGCIL on behalf of UPPTCL)

Sl. No.	Name of S/S and Line	Capacity (MVA / Km.)	Tender No.	NOA/ (LOI) Date	Vendor	Total (Kms.)	Amount (Rs. Crore)	Completion Period	% Phy. Prog. as on Oct-14
1	2	3	4	5	6	7	8	9	10
	A 765 & 400 KV Substations								
1	765/400 KV substation at Agra (UP)	2x1500 MVA							
	i 765 KV bus reactor	3x80 MVAR							
	ii 400 KV bus reactor	125 MVAR							
2	400/132 KV Substation at Agra (South)	3x200 MVA							
	i 400 KV bus reactor (Agra South)	80 MVAR							
3	400/220 KV Mathura Substation (Manth)	2x315 MVA							
	i 400 KV bus reactor (Manth)	80 MVAR							
	B 765 & 400 KV Lines								
<b>ELEMENTS - I</b>									
1	765 KV SC Lalitpur - Agra (UP) Line (1st circuit on Quad Bersimis along with Line reactor 3x80 MVAR), 950 obm NGR & FSC (50% compensation)	378 Km.	I-TWO-01	26.09.14	TPL	127	137.60	20 Months from Date of NOA (25.05.2016)	
			I-TWO-02	28.10.14	TPL	125	160.82		
			I-TWO-03	26.09.14	L & T	125	149.77		
2	LLO of one circuit of 400 KV 2 SC Agra. Agra (PG) at 765 KV Agra S/S on Twin Moose	35 Km.	I-TWO-04		KPTL	42	110.02		
3	LLO of 400 KV SC Agra - Muradnagar at 765 KV Agra (UP) S/S on Twin Moose	79 Km.				79			
4	Agra (UP) 765 Agra south, 400 KV DC Line on Twin Moose	71 Km	I-TWO-05		BNC & APSPL	71	96.00		
5	LLO of 400 KV Agra - Muradnagar at 400 KV Mathura on Twin Moose	27 Km				33			
6	400 KV SC Agra (UP) - Mathura 400 KV on Twin Moose	142 Km	I-TWO-06		KPTL	142	74.84		
<b>ELEMENTS - II</b>									
	765 KV Lalitpur - Agra (UP) Line (2nd circuit) on Quad Bersimis long with Line reactor (3x80 MVAR), 950 obm NGR & FSC (50% compensation)	378 Km.	II-TWO-01	26.09.14	TPL	125.50	130.30		
	765 KV Lalitpur - Agra (UP) Line (2nd circuit) on Quad Bersimis long with Line reactor (3x80 MVAR), 950 obm NGR & FSC (50% compensation)		II-TWO-02	26.09.14	KPTL	125	114.68		
	765 KV Lalitpur - Agra (UP) Line (2nd circuit) on Quad Bersimis long with Line reactor (3x80 MVAR), 950 obm NGR & FSC (50% compensation)		II-TWO-03	26.09.14	L & T	125	130.26		

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## Chapter-5

### Transmission Network Studies for Planning

- 1) Load flow study to plan transmission network is generally carried out considering following criterion:
  - a) Loading of Sub-stations to be in defined limits.
  - b) Loading of transmission lines to be in defined limits.
  - c) Voltage of buses to remain within prescribed limits.
  - d) The network loading of elements to remain within limits even after occurrence of various contingencies namely N-1, N-1-1etc. as laid out in CEA transmission planning criteria manual Feb'2013.
  - e) All generators to run within their capability limits.
  - f) New lines, sub stations, up rating of conductors/sub-stations and strengthening of the network are planned, if the limits mentioned above are violated.
- 2) Short Circuit studies are also carried out considering symmetrical, asymmetrical faults to finalize appropriate circuit breaker ratings and proper earthing system.
- 3) Transient stability studies: Severest faults followed by outage of Transmission elements namely lines, transformers particularly at EHV system may cause angular instability. Studies to suggest that large generators continue to remain in synchronism and the angular stability is ensured on such disturbances.

  
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## **Chapter-6**

### **XIIth Five Year Plan**

Currently UP power transmission system is catering transmission of power to restricted load of 13000 MW against peak demand of around 15000 MW. It is expected that this load will increase to 24000 MW by 2017. Based on this target, UP transmission system is planned under XIIth Plan. All S/S and Lines Capex Works are considered under Ongoing schemes and New schemes. New schemes are those at planning stage and in the process of Financial sanction after its identification and thereafter considered for tendering and Award of Works.

To arrive at STU base Transmission Capacity of UP State, all Transmission Capex works including those covered under PPP/ GNDA route are also considered and shown separately in this document. However financial Plan is projected based on works undertaken by UPPTCL only and is exclusive of PPP/GNDA based works.

Lalitpur TPS Power Evacuation Works being executed through PGCIL are currently shown under New Works of UPPTCL & the same would be shifted in next report under ongoing works as most of the cases LOI has been issued by PGCIL on behalf of UPPTCL.

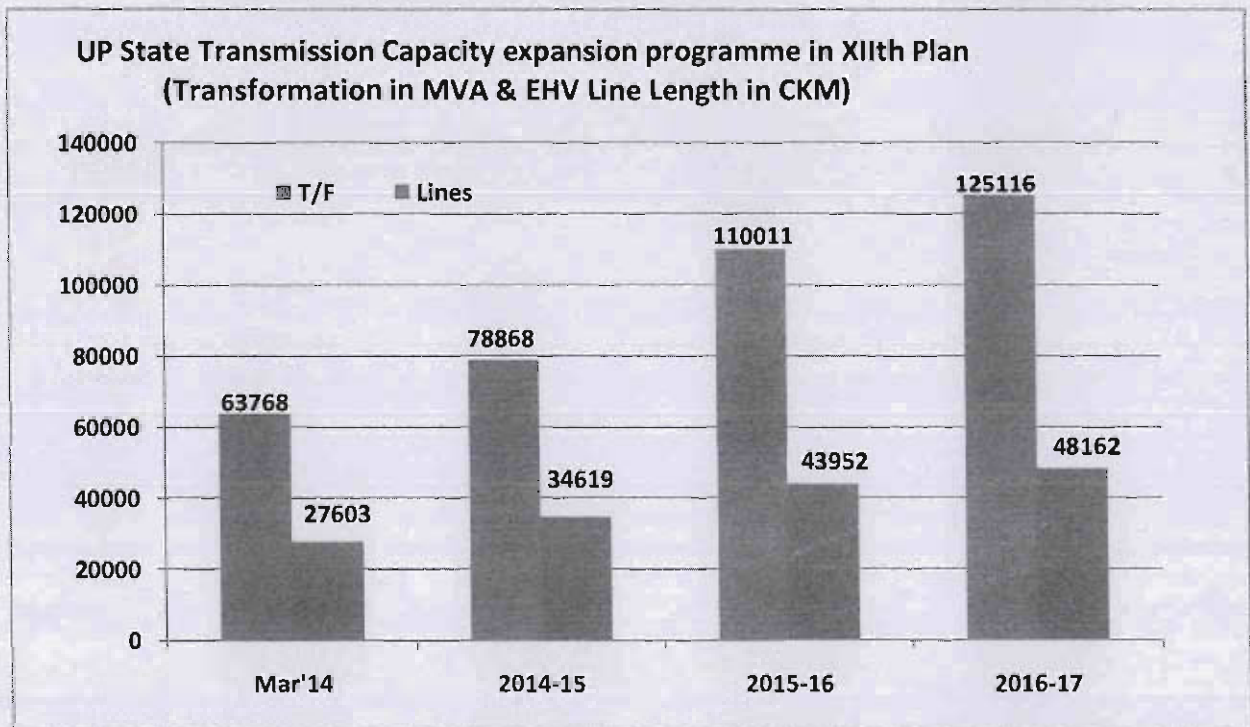
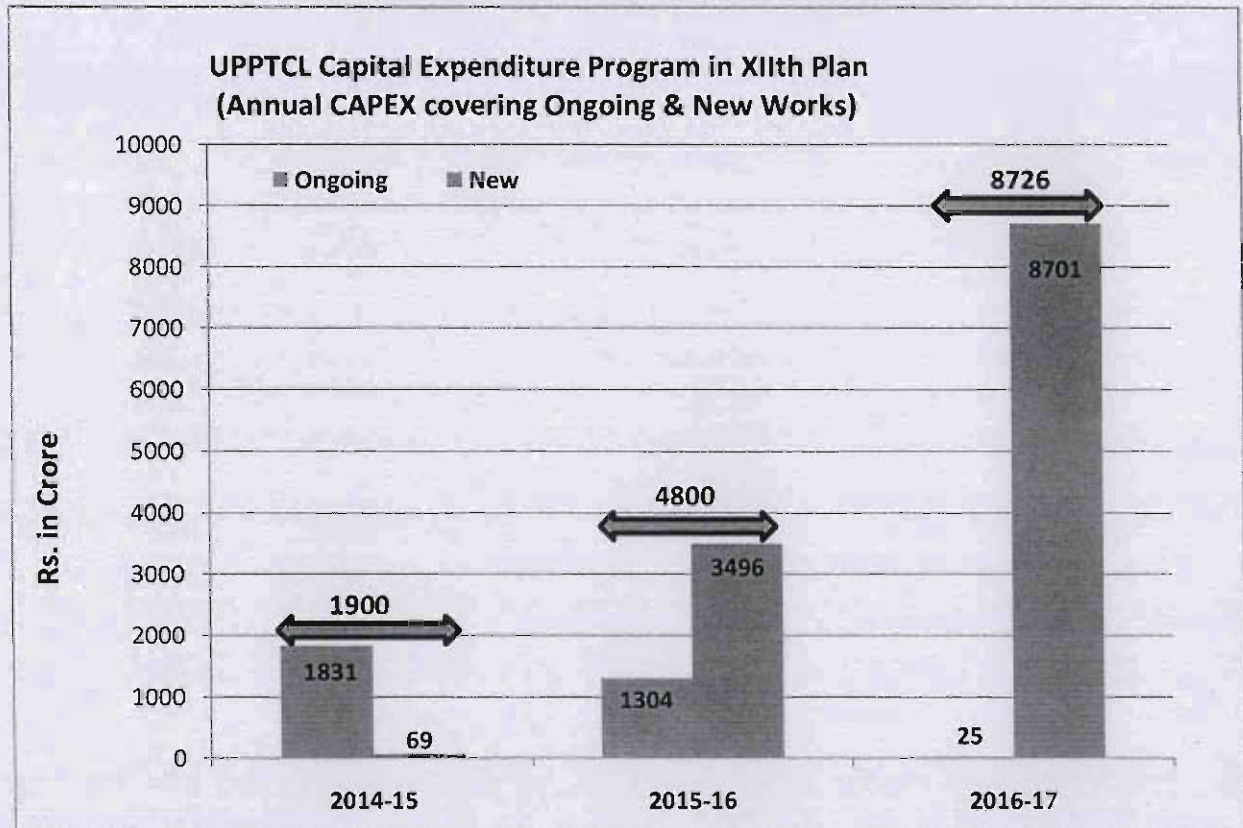
Transmission System Interconnection with CTU has been considered suitably for Augmentation to tap the power flowing mainly from east to west through High Capacity Transmission Corridor(HCTC). For clarity and simplification point of view, substation where lower kV T/F's are provided then, its MVA has been shown in respective KV Level but its cost is shown in the main Substation. Wherever Substations/Lines are yet to be identified they are reflected under Augmentation category.

For simplicity point of view, Financial Progress of the scheme is assumed to be same as Physical Progress and accordingly Capital Expenditure is reported. MVA's are considered for completion in the year in which Substation is Energised. CKM's are considered in the year of S/S Energisation even if Lines are Completed in advance.

  
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### Graphical representation of Financial Plan



*[Signature]*  
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 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

### Additional Ongoing & New S/S Completion Target

S/S	Existing S/S	2012-13	2013-14	2014-15		2015-16		2016-17		Total (Ongoing)	Total (New)	TOTAL Additional
		Completed	Completed	Completed	Ongoing	Ongoing	New	Ongoing	New	(Nos.)	(Nos.)	(Nos.)
765kV	1				1		1			1	1	2
400kV	14				4		4		1	4	5	9
220kV	66	5	4		20	6	13		13	35	26	61
132kV	264	10	12		51	37	30		26	110	56	166
<b>TOTAL</b>	<b>345</b>	<b>15</b>	<b>16</b>	<b>0</b>	<b>76</b>	<b>43</b>	<b>48</b>	<b>0</b>	<b>40</b>	<b>150</b>	<b>88</b>	<b>238</b>
<b>Overall Transmission S/S by March 2017: 583</b>												



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**UPPTCL- Transmission Capacity Expansion Plan**

Voltage Level	Trans. Capacity	Capacity as on Mar '14	Plan FY 14-15			Plan FY 15-16			Plan FY 16-17			Plan FY 16-17		
			ONGOING	NEW	TOTAL	ONGOING	NEW	TOTAL	ONGOING	NEW	TOTAL	ONGOING	NEW	TOTAL
765kV	MVA	2000	2000	0	2000	4000	5500	9500	1500	0	1500	9500	5500	15000
	LINES	411	1126	0	1126	825	956	1781	0	55	55	2362	1011	3373
400kV	MVA	9195	3870	500	4370	5975	3330	9305	4075	2370	6445	23115	6200	29315
	LINES	4778	1307	0	1307	1206	427	1633	70	420	490	7361	847	8208
220kV	MVA	23570	4540	200	4740	2680	4320	7000	180	4100	4280	30970	8620	39590
	LINES	8183	1518	0	1518	341	864	1205	135	892	1027	10177	1756	11933
132kV	MVA	29003	3190	800	3990	2138	3200	5338	0	2880	2880	34331	6880	41211
	LINES	14232	3065	0	3065	1616	3098	4714	0	2638	2638	18913	5736	24649
Grand Total	MVA	63768	15100			31143			15105			125116		
	LINES	27604	7016			9333			4210			48163		

Note : For MVA refer to Annex-1 (Ongoing), Annex-2 (New) and Annex-3 (For PPP/GNDA) ; For Lines refer Annex-4 (Ongoing), Annex-5 (New) and Annex-6 (For PPP/GNDA)

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# UPPTCL : PHYSICAL CAPITAL PLAN (XII PLAN: 2012-2017)

VOLTAGE LEVEL	S/S or Line	Unit	As on 31/03/14 In Operations	FY 2014-15		FY 2015-16		FY 2016-17		TOTAL (2014-17)		PROGRESSIVE TOTAL
				Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	
765kV	S/S	Nos	1	2		3	1	2	1	7	2	10
		MVA	2000	1000			3000			1000	3000	6000
	Augm. T/F	MVA					2500			0	2500	2500
	PPP/GNDA	MVA		1000		4000		1500		6500	0	6500
	Sub-total	MVA	2000	2000	0	4000	5500	1500	0	7500	5500	15000
	Line	CKT	411	426			956		55	426	1011	1848
	Augm. Line	CKT								0	0	0
	PPP/GNDA	CKT		700		825				1525	0	1525
	Sub-total Lines	CKT	411	1126	0	825	956	0	55	1951	1011	3373
		Nos	14	6		9	4	7	2	22	6	42
400kV	S/S	MVA	6455	2740			2830		2000	2740	4830	14025
	Augm. T/F	MVA	2740		500		500		370	0	1370	4110
	PPP/GNDA	MVA		1130		5975		4075		11180	0	11180
	Sub-total	MVA	9195	3870	500	5975	3330	4075	2370	13920	6200	29315
	Line	CKT	4778	771			427		420	771	847	6396
	Augm. Line	CKT								0	0	0
	PPP/GNDA	CKT		536		1206		70		1812	0	1812
	Sub-total Lines	CKT	4778	1307	0	1206	427	70	420	2583	847	8208
	S/S	Nos	75	23		10	13	1	13	34	26	135
		MVA	16944	4540		1660	4020		3700	6200	7720	30864
220kV	Augm. T/F	MVA	6626		200		300		400	0	900	7526
	PPP/GNDA	MVA				1020		180		1200	0	1200
	Sub-total	MVA	23570	4540	200	2680	4320	180	4100	7400	8620	39590
	Line	CKT	8183	1518		341	864	135	892	1994	1756	11933
	Augm. Line	CKT								0	0	0
	PPP/GNDA	CKT								0	0	0
	Sub-total Lines	CKT	8183	1518	0	341	864	135	892	1994	1756	11933
		Nos										
	S/S	MVA										
	Augm. T/F	MVA										

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# UPPTCL : PHYSICAL CAPITAL PLAN (XII PLAN: 2012-2017)


VOLTAGE LEVEL	S/S or Line	Unit	As on 31/03/14 In Operations	FY 2014-15		FY 2015-16		FY 2016-17		TOTAL (2014-17)		PROGRESSIVE TOTAL
				Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	
132kV	S/S	Nos	286	61		37	30		26	98	56	440
		MVA	29003	3190		2138	2400		2080	5328	4480	38811
	Augm. T/F	MVA			800		800		800	0	2400	2400
	PPP/GNDA	MVA								0	0	0
	Sub-total	MVA	29003	3190	800	2138	3200	0	2880	5328	6880	41211
	Line	CKT	14232	1513		1354	1560	0	1240	2867	2800	19899
	Augm. Line	CKT		1552		262	1538	0	1398	1814	2936	4750
TOTAL	PPP/GNDA									0	0	0
	Sub-total Lines	CKT	14232	3065	0	1616	3098	0	2638	4681	5736	24649
		Nos	376	92	0	59	48	10	42	161	90	627
	S/S	MVA	54402	11470	0	3798	12250	0	7780	15268	20030	89700
	Augm. T/F	MVA	9366	0	1500	0	4100	0	1570	0	7170	16536
	PPP/GNDA	MVA	0	2130	0	10995	0	5755	0	18880	0	18880
	Total MVA	MVA	63768	13600	1500	14793	16350	5755	9350	34148	27200	125116
	Line	CKT	27604	4228	0	1695	3807	135	2607	6058	6414	40076
	Augm. Line	CKT	0	1552	0	262	1538	0	1398	1814	2936	4750
	PPP/GNDA	CKT	0	1236	0	2031	0	70	0	3337	0	3337
	Total Lines	CKT	27604	7016	0	3988	5345	205	4005	11209	9350	48163

Note : For MVA refer to Annex-1 (Ongoing), Annex-2 (New) and Annex-3 (For PPP/GNDA) ; For Lines refer Annex-4 (Ongoing), Annex-5 (New) and Annex-6 (For PPP/GNDA)

  
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**UPPTCL : Financial Capex Plan (XII PLAN: 2012-2017)**

Financial Plan(Excluding PPP/ GNDA)												Rs. Crore
VOLTAGE LEVEL	S/S or Line	As on 31/03/14 Ongoing Actual	FY 2014-15		FY 2015-16		FY 2016-17		PROGRESSIVE TOTAL (2014-17)			OVERALL TOTAL
			Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Total	
765kV	S/S	356	40	0	0	498	0	630	40	1128	1168	1524
	Line	654	116	0	0	712	0	3493	116	4205	4321	4975
400kV	S/S	66	287	0	0	206	0	860	287	1066	1353	1419
	Line	1061	175	0	189	54	0	865	364	919	1283	2344
220kV	S/S	454	207	0	261	428	0	1385	468	1813	2281	2735
	Line	822	259	0	246	322	25	562	531	884	1415	2237
132kV	S/S	704	463	69	268	478	0	574	732	1121	1853	2556
	Line	620	284	0	339	798	0	331	623	1129	1752	2373
TOTAL	S/S	1581	997	69	530	1610	0	3449	1526	5128	6654	8235
	Line	3157	834	0	775	1886	25	5251	1634	7137	8771	11929
Overall Total	(S/S + Line)	4738	1831	69	1304	3496	25	8701	3160	12265	15426	20164
TOTAL	Govt. Support		1120		1700		2618		5438			5438
	ORC		50		50		100		200			200
	Loan		730		3050		6008		9788			9788
	Total		1900		4800		8726		15426			15426

  
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# Tentative Transmission Projects - 2017-2022

## Capacity Addition (220 kV and above - MVA)

S.No.	Name of S/S & Lines	Zone	2017-18	2018-19	2019-20	2020-21	2021-22
<b>765 kV Substations</b>							
1-	<b>Meerut 765/400/220 kV S/S</b> Agra(UP)-Gr. Noida(UP) 765 kV LILO-60 km	West		3000 +1000			
2-	<b>Moradabad(UP) S/S</b> LILo of Ghatampur-Hapur SC line-30 km Moradabad(UP)-Bareilly(PG) -70 km 765 kV line.	West			3000 +1000		
<b>400 kV Substations</b>							
1-	<b>Jaunpur-400/220/132 kV</b> Obra-C -Jaunpur 400 kV DC-190 Km. Varanasi(PG)-Jaunpur (400) 400 kV SC line - 63 km	East		630			
2-	<b>Lalu Kheri(400) - 400/220/132 kV</b> Lalu Kheri-Shamli DC line - 20 km Lalu Kheri-Bhopa Road DC line	West			630		
3-	<b>Bhopa Road (400)-400/220/132 kV</b> LILo of Vishnu Prayag-Srinagar- Muzaffarnagar Bhopa Road-Nehtaur SC line - 50 km	West			630		
4-	<b>Simbholi (400) - 400/220/132 kV</b> Simbholi-Meerut(UP) 400 kV DC line-40 Km. Simbholi-Muradnagar-II-50 Km.	West		1000			
5-	<b>Firozabad (400) - 400/220/132 kV</b> Mainpuri (UP)-Firozabad 400 kV DC line -40km Agra(South)-Firozabad DC - 50km	South	1000				
6-	<b>Badaun (400) - 400/220/132 kV</b> Roza-Badaun DC line-130 Km.	Central				630	
7-	<b>Sambhal (400) - 400/220/132 kV</b> Sambhal-Badaun DC line - 67 km Sambhal-Moradabad DC line -35km	West				630	
8-	<b>Rasra (400) - 400/220/132 kV</b> Ballia(PG)-Sohawal(PG) One Ckt. LILo DC line -20km	East					630

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow

7223

<b>220 kV Substations</b>						
1-	<b>Sardhana 220/132/33 kV</b> Sardhana-Modipuram DC line - 20km	West		320		
2-	<b>Mawana 220/132/33 kV</b> Mawana-Modipuram New DC line- 20km	West			320	
3-	<b>Chaprauli 220/132/33 kV</b> Bagpat(400)-Chaprauli DC line - 25km	West			320	
4-	<b>Singhauli 220/132/33 kV</b> Chiprauli-Singhauli DC line- 30km	West			320	
5-	<b>BB nagar 220/132/33 kV</b> Simbholi(400)-Bibinagar DC line-25km	West		320		
6-	<b>Khatauli 220/132/33 kV</b> Shamli-Khatauli DC line - 25km Bhopa Road(400) -Khatauli- 30 km	West			320	
7-	<b>Unnao New 220/132/33</b> Unnao-Unnao(New) DC line -20km	Central			320	
8-	<b>Hardoi (New) 220/132/33 kV</b> Hardoi (New)-Shahjahanpur DC line - 60km	Central				320
9-	<b>Moradabad-II (Kath)</b> Moradabad-II-Moradabad(765)- 25km	West				
10-	<b>Nehtaur New 220/132/33 kV</b> Bhopa Road-Nehtaur(New) - 50km	West			320	
11-	<b>Bulandshahar Road 220/132/33 kV</b> Muradnagar-II-Bulandshahar Road DC line - 35km	West				320
12-	<b>Morta 220/132/33 kV</b> Morta-Bulandshahar Rd. DC line - 35km	West			320	
13-	<b>Vasundhara 220/132/33 kV</b> Vasundhara-Indirapuram(400) DC line - 5km	West				320
14-	<b>Awas Vikas Loni 220/132/33 kV</b> Awas Vikas -Loni Rd. (P G) DC line-15 Km.	West				320
15-	<b>Nimkarori 220/132/33 kV</b> Mainpuri Power Grid-Nimkarori DC line -60km	South		320		
16-	<b>Fatehgarh or Kannauj 220/132/33 kV</b> Nibkarori - Mainpuri PG LILO of Fatehgarh DC line - 30 km	South			320	
17-	<b>Hamirpur 220/132/33 kV</b> Hamirpur-Banda(400) DC line - 70km	South				320
18-	<b>Piliphit Bypass 220/132/33 kV</b> Bareilly(UP) 400-Piliphit Bypass DC line- 20 Km	Central				320
19-	<b>Badaun Road 220/132/33 kV</b> Badaun(400)-Badaun Road DC line - 25km	Central				320
20-	<b>Bacharawan 220/132/33 kV</b> LILO of Raibarely (Power Grid)- Sarojninagar SC Line-10 Km.	Central		320		
21-	<b>Fatehpur (New) 220/132/33 kV</b> Fatehpur Power Grid-Fatehpur(New)-20 Km.	East			320	
22-	<b>Balia (220)</b> Rasra (400)-Balua (220)DC-35km	East				320
23-	<b>Anandnagar (Gorakhpur)</b> Gorakhpur (400)-Anandnagar DC-50km	East			320	

7-2

224

  
 Director (Commercial)  
 U.P. Trans Power Corp. Limited  
 Shakti Bhawan Extn., Lucknow



24-	<b>Maharajganj (Siddarthnagar)</b> Anandnagar -Majaraiganj DC-25km	East			320		
25-	<b>Khalilabad(Basti)</b> Gorakhpur (400)-Khalilabad DC-50km	East				320	
26-	<b>Khaga (220)</b> Fatehpur PG - Khaga (220) DC -50 km	East			320		
27-	<b>SGPGI Road (220)</b> Sarojininagar -Gomtinagar LILO - 20 km	Central			320		
28-	<b>Sandila (220)</b> Hardoi Road (400)-Sandila DC - 30km	Central			320		
29-	<b>Shahganj (220)</b> Rewa Road (400)- Shahganj DC-90km Shahganj -Jaunpur DC- 30km	East			320		
30-	<b>G.Noida(II) (220/33kV)</b> Merrut UP(765) - G.Noida(II) DC - 100km	West			180		
31-	<b>Kidwainagar (220/33kV)</b> Kanpur (Dehat)-Kidwainagar - 20km	South				180	

<b>132 kV Substations</b>						
Tentative Transformation capacity (S/S - 100 Nos)-Locations unidentified	2400	2400	3000	3000	1200	

### Summary (Additional &Total Capacity upto 2017-22)

Voltage	No	Capacity (MVA) (Add)	Capacity approved & Expected by 2017	Capacity Planned upto 2022 (5=3+4)
1	2	3	4	5
765 kV S/S	2	6000	14000	20000
400kV S/S	8	7780	28950	36730
220 kV S/S	31	9400	39870	49270
132 kV S/S	100	12000	40523	52523

Note: 1. 220/33 kV or 132/33 kV voltage ratios need further be explored as per concentration of load.

2. Length of lines of 132 kv system being worked out and will be ready after identification of 132 kv location of S/S.

  
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7.3

225

**Tentative Evacuation Plan of Generation Plants (2017-22)**  
**(Under Load Flow Study)**

S.No.	Name of Projects & Capacity	Evacuating Lines
1-	Obra-C 2x660 MW TP5 GT 21/765 kV	(i) LILO of Anpara-Unnao 765 kV SC at Obra-C 765 kV (ii) 240 MVAR Bus Reactor at Obra-C 765 kV (iii) Anpara-Aurai 400 kV DC line- 199 Km. (iv) LILO of 400 kV one ckt Anpara-D-Anpara-C at Obra-C - 25 Km.
2-	Panki 1x660 MW TPS GT 21/400 kV	(i) Panki TPS-Panki 400 kV DC line (ii) 80 MVAR Bus Reactor at Panki TPS 400 kV
3-	Ghatampur 3x660 MW TPS GT 21/765 kV	(i) Ghatampur-agra UP 765 kV SC - 250 km. 765 kV line Reactors 185 MVAR on either side (ii) Ghatampur-Hapur 765 kV SC - 400 Km. on 765 kV Line Reactor 330 MVAR on either side (iii) Ghatampur ICT 765/400 kV 2x1500 MVA (iv) Ghatampur-Kanpur(PG) 400 kV DC-50 Km. (v) Agra(UP)-Gr. Noida 765 kV SC-250 Km. (vi) 240 MVAR Line Reactor on either side. (vii) Bus Reactor 330 MVAR at Ghatampur 765 kV
4-	Bilhaur 2x660 MW TPS GT 21/765 kV	(i) LILO of Unnao-Mainpuri 765 kV at Bilhaur (ii) LILO of Ghatampur-Hapur 765 kV SC at Moradabad-25 Kms. (iii) ICT 765/400 kV 2x1000 MVA at Bilhaur (iv) Bilhaur-Moradabad 765 kV SC line- 300 Km. 240 MVAR Line Reactor on either side (v) Bilhaur-Kanpur PG(765) 400 kV DC line-60 Km.
5-	Harduaganj Extn. 1x660 MW TPS GT 21/400 kV	LILO of Aligarh-Sikandrabad 400 kV SC line at Harduaganj Extn.- 20 Km.

  
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Shakti Bhawan Extn., Lucknow

7-4

226



## **Annexure-5**

### **Approval of the Organisation Structure of the SLDC by GoUP**



उत्तर प्रदेश पावर ट्रान्समिशन कारपोरेशन लिमिटेड  
(उपग्रो सरकार का उपक्रम)  
U.P. POWER TRANSMISSION CORPORATION LIMITED  
(Govt. of Uttar Pradesh Undertaking)  
शक्ति भवन, 14 अशोक मार्ग, लखनऊ।

संख्या: 3057-पारोअनु0-16/पाट्राकालि-11/11

दिनांक: 26 अगस्त, 2014

कार्यालय झाप

उपग्रो शासन के पत्रांक 3097/24-पी-2-14-सा0 (138)/2012 दिनांक 7.08.14 द्वारा प्राप्त अनुमोदन के परिपेक्ष्य में स्टेट लोड डिस्पैच सेंटर, लखनऊ में विभिन्न संवर्गों के 36 पदों एवं संविदा के 49 पदों के नवसृजन की स्वीकृति (अनुलग्नक-1 के कॉलम 4 के अनुसार) एतद्वारा निम्नलिखित शर्तों के अधीन प्रदान की जाती है:-

1. इस आदेश के अनुलग्नक-1 में निर्दिष्ट नवसृजित पद-धारकों को संगत निगमादेशानुसार उनके मूल वेतन के साथ अनुमन्य मंहगाई मत्ता एवं अन्य मत्ते भी देय होंगे।
  2. उक्त आदेश के अनुलग्नक-2 में निर्दिष्ट इकाईयों के कार्य क्षेत्रों का निर्धारण सम्बन्धित निदेशक, द्वारा किया जायेगा।
  3. उक्त आदेशों के व्यावहारिक/भौतिक क्रियान्वयन हेतु अपेक्षित व्यवस्थाओं के सम्बन्ध में अन्य समस्त औपचारिकताओं को यथाविधि पूरा किये जाने तथा तत्सम्बन्धित नियमानुसार आवश्यक कार्यवाही सुनिश्चित किये जाने का सम्पूर्ण दायित्व सम्बन्धित निदेशक का होगा।
  4. पदों को भरने की कार्यवाही वास्तविक आवश्यकता के आधार पर स्टेट लोड डिस्पैच सेंटर, लखनऊ के कार्यों हेतु निर्धारित मानकों के आधार पर की जायेगी।
  5. इन आदेशों के परिणामस्वरूप होने वाला सम्भावित व्यय-भार उ0प्र0पा0ट्रा0का0लि0 के सम्बन्धित वित्तीय वर्ष के आय-व्ययक में आगणित होगा।
  6. स्टेट लोड डिस्पैच सेंटर में स्वीकृत पदों में से कॉलम-5 में निर्दिष्ट 74 कार्मिकों के पदों को तत्काल प्रभाव से समाप्त किया जाता है एवं इन पदों पर कार्यरत कार्मिकों को उ0प्र0पा0ट्रा0का0लि0 की अन्य इकाईयों में यथाशीघ्र स्थानान्तरित/समायोजित किया जायेगा।
  7. अनुलग्नक संख्या-2 में दिये गये तालिका के अनुसार तत्काल प्रभाव से वर्तमान पदनाम को नये पदनामों में परिवर्तित किया जाता है।
  8. पदों के सृजन, पदों के पुनर्नामांकन एवं समाप्त हुये पदों पर कार्यरत कार्मिकों के स्थानान्तरण/अन्य इकाईयों में समायोजन के उपरान्त स्टेट लोड डिस्पैच सेंटर का संगठनात्मक ढाँचा अनुलग्नक-3 के अनुसार होगा।
- संलग्नक- अनुलग्नक-1/2/3।

अध्यक्ष एवं प्रबन्ध निदेशक

संख्या: 3057-पारोअनु0-16/पाट्राकालि-11/2011 तददिनांक।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-


1. प्रमुख सचिव (वित्त)/ (ऊज्जी), उ0प्र0 शासन, लखनऊ।
2. अध्यक्ष/प्रबन्ध निदेशक, उ0प्र0पा0का0लि0, शक्ति भवन, लखनऊ।
3. अध्यक्ष एवं प्रबन्ध निदेशक, उ0प्र0पा0ट्रा0का0लि0, शक्ति भवन, लखनऊ।
4. समस्त निदेशकगण, उ0प्र0पा0का0लि0/उ0प्र0पा0ट्रा0का0लि0, शक्ति भवन/शक्ति भवन विस्तार, लखनऊ।
5. समस्त मुख्य अभियन्ता, उ0प्र0पा0ट्रा0का0लि0।
6. मुख्य अभियन्ता (जल विद्युत), उप महाप्रबन्धक (लेखा प्रशासन) उ0प्र0पा0का0लि0, शक्ति भवन/शक्ति भवन विस्तार, लखनऊ।
7. अपर सचिव-प्रथम/द्वितीय/तृतीय, उ0प्र0पा0का0लि0, शक्ति भवन, लखनऊ।
8. समस्त अधीक्षण अभियन्ता/अधिशाली अभियन्ता, उ0प्र0पा0ट्रा0का0लि0।
9. लेखा अधिकारी (वेतन एवं लेखा)/(आय व्ययक)/(निधि)/(प्रशासन) एवं (सम्प्रेषा), उ0प्र0पा0का0लि0, शक्ति भवन, लखनऊ।

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



- 2 -
10. शक्ति उप-महालेखाकार/महालेखाकार (अडिट)-द्वितीय कार्यालय, द्वितीय तल, शक्ति भवन विस्तार, लखनऊ।
  11. कम्पनी सचिव, उ०प्र०प्रा०दूर०का०लि०, शक्ति भवन विस्तार, लखनऊ।
  12. इ० पंकज नयसेना, अधिशासी अभियन्ता (सम्बद्ध) निर्देशक (आपरेसन), उ०प्र०प्रा०दूर०का०लि०, शक्ति भवन विस्तार, लखनऊ।

आज्ञा से,

  
(अशोक कुमार गुप्ता)  
कार्यकारी अपर सचिव (परिचय)

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

स्टेट लोड डिस्चार्ज सेन्टर में स्वीकृत/नवसृजित/समाप्त हुये पदों का पदवार विवरण

अनुलग्नक-1

क्र०	पद का नाम	पूर्व में स्वीकृत पदों की संख्या	उ030 शासन द्वारा पत्रांक 3097/24-पी-2-14-स00 (138)/2012 दिनांक 7.08.14 द्वारा नव सृजित पद	समाप्त किये गये पद	कुल स्वीकृत पद
(1)	(2)	(3)	(4)	(5)	(6)
1	निदेशक	0	1		1
2	मुख्य अभियन्ता (स्तर -1)	1	1		2
3	अध्यक्ष अभियन्ता	5	1		6
4	अभियन्ता अभियन्ता	22	4		26
5	सहायक अभियन्ता	54	15		69
6	उपमुख्य लेखाधिकारी	0	1		1
7	वरिष्ठ लेखाधिकारी	0	2		2
8	लेखाधिकारी	0	3		3
	कुल अधिकारी	82	28	0	110

क्र०	पद का नाम	पूर्व में स्वीकृत पदों की संख्या	उ030 शासन द्वारा पत्रांक 3097/24-पी-2-14-स00 (138)/2012 दिनांक 7.08.14 द्वारा नव सृजित पद	समाप्त किये गये पद	कुल स्वीकृत पद
(1)	(2)	(3)	(4)	(5)	(6)
9	अवर अभियन्ता	37	0	12	25
10	कार्यालय अध्यक्ष	0	1		1
11	लेखाकार	0	3		3
12	सहायक लेखाकार	0	4		4
13	आयुक्तिक (स्टेनो)	8	0	5	3
14	कार्यालय सहायक-1	3	0	1	2
15	कार्यालय सहायक-2	3	0	0	3
16	कार्यालय सहायक-3	16	0	1	15
17	टीजी -2	8	0	1	5
	टीजीओ	22	0	17	5
	सप्लायरी	54	0	3	51
18	कम्प्यूटर ऑपरेटर	10(संविदा पर)	46 (संविदा पर)	0	56
19	स्टेनोग्राफर	1	3 (संविदा पर)	0	4
20	ड्राफ्ट मैन	4	0	4	0
21	ऑपरेशन् एस0जी0	1	0	1	0
22	स्टेनो एस0जी0	1	0	1	0
23	स्टेनो (मुख्य अभियन्ता ऊर्जा प्रणाली)	2	0	2	0
24	स्टेनो (सर्किल)	6	0	6	0
25	संगणक	1	0	1	0
26	ट्रेजरर	3	0	3	0
27	पावर कन्ट्रोलर अटैन्डेंट	5	0	5	0
28	फैरी बॉय	1	0	1	0
29	रनर	3	0	3	0
30	घासी	1	0	1	0
31	रनर	1	0	1	0
32	टोकन क्लर्क	4	0	4	0
33	वाटर मैन	1	0	1	0
	कुल अधिकारियों की संख्या	194	57	74	177

Note:-

1- All Junior Engineer (J Es) working in shift at Lucknow under Power System Operation shall be deemed on deputation. They will be repatriated on automation.

2- All junior (J Es) working in shift at all four ALDS under Power System Operation shall be deemed on deputation. They will be repatriated on posting of concerned Discom Manpower in respective ALDS.

3- Computer Operators in ALDS shall be discontinued after Discom Manpower is posted in respective ALDS.

26/11/14  
(असौक कुन्वर गुप्ता)  
कार्यो अवर सचिव (पर0)

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow



स्टेट लोड डिस्पैच सेन्टर के वर्तमान एवं परिवर्तित पदनाम

अनुसूचक-2

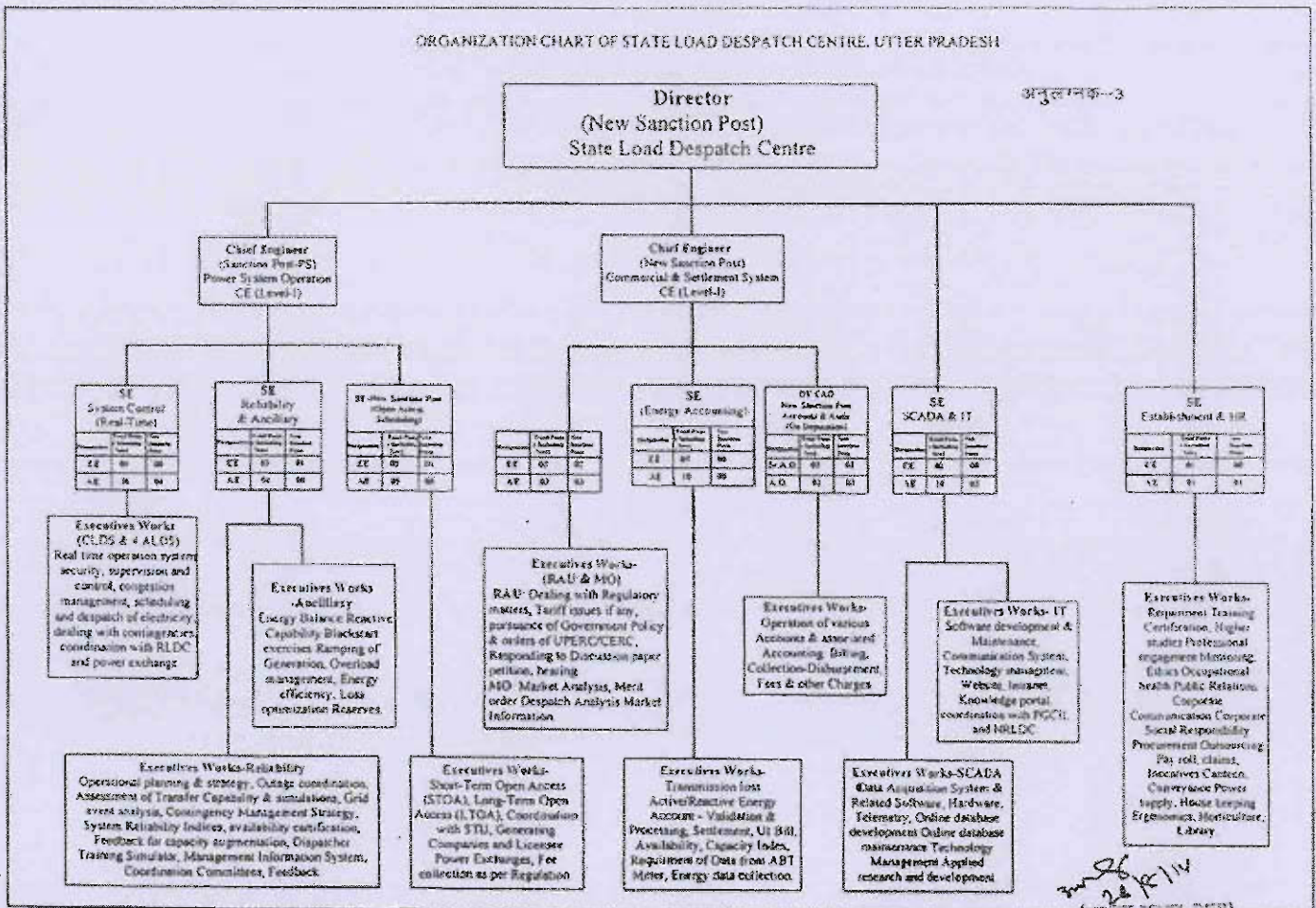
क्रम संख्या	वर्तमान पद का नाम	परिवर्तित पद नाम
1	नव सृजित पद	निदेशक (एस0एस0डी0सी0)
2	मुख्य अभियन्ता (ऊर्जा प्रणाली)	मुख्य अभियन्ता (ऊर्जा प्रणाली परिवहन)
3	मुख्य अभियन्ता स्तर -1 का नव सृजित पद	मुख्य अभियन्ता (ऑपरेशन एवं सेटलमेन्ट सिस्टम)
4	अधीक्षण अभियन्ता (प्रणाली नियन्त्रण)	अधीक्षण अभियन्ता (प्रणाली नियन्त्रण)
5	अधीक्षण अभियन्ता (प्रणाली विरलेक्षण)	अधीक्षण अभियन्ता (रिसायबिलिटी एवं एन्सिलरी)
6	अधीक्षण अभियन्ता (मुख्यालय)	अधीक्षण अभियन्ता (अधिष्ठान एवं मानक संसाधन)
7	अधीक्षण अभियन्ता (एस0एस0डी0सी0-इनजी ऑपरेशन)	अधीक्षण अभियन्ता (इनजी एकाउन्टिंग)
8	अधीक्षण अभियन्ता (एनीकाइड लोड डिस्पैच कम्प्यूटेशन एण्ड सिस्टम कन्ट्रोल)	अधीक्षण अभियन्ता (स्कैड एवं आई0टी0)
9	अधीक्षण अभियन्ता का नव सृजित पद	अधीक्षण अभियन्ता (ओपन रेस्सेस, शिड्यूलिंग एवं मार्केट ऑपरेशन)

26/11/14  
(अशोक कुमार गुप्ता)  
कार्यो अपर सचिव (पारो)

  
Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow

ORGANIZATION CHART OF STATE LOAD DESPATCH CENTRE, UTTAR PRADESH

अनुसूचक-3



26/11/2014  
(अनुसूचक-3)  
राजेश कुमार शर्मा  
राजेश कुमार शर्मा (अनुसूचक-3)

Director (Commercial)  
U.P. Trans Power Corp. Limited  
Shakti Bhawan Extn., Lucknow