

पावर ट्रांसमिशन कारपोरेशन ऑफ उत्तराखण्ड लि०  
(उत्तराखण्ड सरकार का उपक्रम)  
Power Transmission Corporation of Uttarakhand Ltd.

कारपोरेट आफिस  
CORPORATE OFFICE  
प्रबन्ध निदेशक कार्यालय  
Managing Director's Office

No. 3062 /MD/PTCUL/UERC

Dated: 16 / 12 / 2013

To,

The Secretary  
Uttarakhand Electricity Regulatory Commission  
"Viduyt Niyamak Bhawan",  
Near I.S.B.T., P.O. Majra  
Dehradun (Uttarakhand)

**Sub:** Filing of Petition for True-up of FY 2012-13 & Annual Performance Review for FY 2013-14 for Power Transmission Corporation of Uttarakhand Ltd.

Sir,

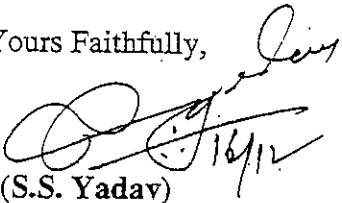
In reference to Hon'ble UERC letter no. UERC/6/TF-199/13-14/2013/1229 dated 10.12.2013 on above mentioned subject vide which certain deficiencies/shortcomings have been observed by the Hon'ble UERC in PTCUL's petition. In this regard, kindly find enclosed herewith point-wise replies duly quoting titles/subtitles and S.No. identical with deficiencies referred to Annexure-A of the above mentioned letter of the Hon'ble UERC.

Submitted for kind consideration of the Hon'ble Commission.

**Encl:** As above.

Thanking you,

Yours Faithfully,

  
(S.S. Yadav)  
Managing Director



उत्तराखण्ड **UTTARAKHAND** 19AA 854644  
**BEFORE UTTARAKHAND ELECTRICITY REGULATORY COMMISSION,**  
**DEHRADUN**

उत्तराखण्ड बिजली विनियमन आयोग  
 DEHRADUN  
 19AA 854644  
 05 JULY 2013  
 कोर्ट सं. 001

**MATTER OF:**

Filing of Petition for True-up of FY 2012-13 & Annual Performance Review for FY 2013-14 for Power Transmission Corporation of Uttarakhand Ltd. Reply to the Letter No. UERC/6/TF-199/13-14/2013/ 1229 Dated 10.12.2013.

**AND**

**IN THE MATTER OF:**

Power Transmission Corporation of Uttarakhand Ltd.  
 Vidyut Bhawan", 132KV Substation Majra, Saharanpur Road,  
 Near I.S.B.T. Crossing, Dehradun 248002.

.....Petitioner

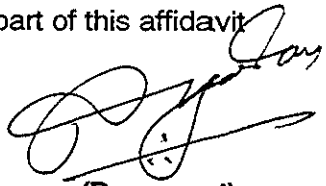
**Affidavit**

I, Sunder Singh Yadav, S/o Sh. Ram Sukh Yadav aged about 57 years, Managing Director, Power Transmission Corporation of Uttarakhand Ltd., "Vidyut Bhawan", 132KV Substation Majra, Saharanpur Road, Near I.S.B.T. Crossing, Dehradun, the deponent named above do hereby solemnly affirm and state on oath as under:-

NOTARY PUBLIC  
 K.M. Urmila Bhatia  
 Advocate  
 Reg. No. - 1981/02  
 Dehra Dun  
 UTTARAKHAND

S. S. YADAV  
 MANAGING DIRECTOR  
 POWER TRANSMISSION CORPORATION  
 OF UTTARAKHAND LTD., DEHRADUN

1. That the deponent is the Managing Director who is authorized as per the resolution of the company (In case the Petitioner is a Company) dated 26.11.2013 and is acquainted with the facts deposed to below.
2. I, the deponent named above do hereby verify that the contents of the paragraph Nos. 1 of the affidavit and the statements made and data presented in the accompanying petition are true to my personal knowledge and are based on present information/ records of the Company and are based on estimation arising from present data/ records of the company which I believe to be true and verify that no part of this affidavit is false and nothing material has been concealed

  
 (Deponent)  
 MANAGING DIRECTOR  
 POWER TRANSMISSION CORPORATION  
 OF UTTARAKHAND LTD., DEHRADUN

I, Anurag Sharma Advocate, \_\_\_\_\_

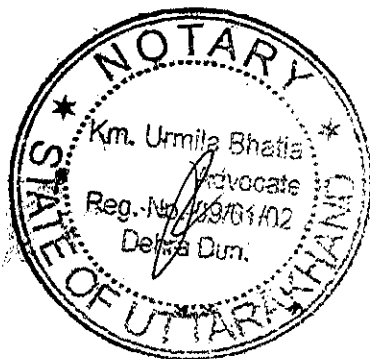
do hereby declare that the person making this affidavit is known to me through the perusal of records and I am satisfied that he is the same person alleging to be deponent himself.

  
 Advocate

Solemnly affirmed before me on this 16 day of 11 2013 at 11 a.m. / p.m. by the deponent who has been identified by the aforesaid Advocate.

I have satisfied myself by examining the deponent that he understood the contents of the affidavit which has been read over and explained to him. He has also been explained about section 193 of Indian Penal Code that whoever intentionally gives false evidence in any of the proceedings of the Commission or fabricates evidence for purpose of being used in any of the proceedings shall be liable for punishment as per law.

(Notary Public)



This Affidavit is Sworn before me  
 Shri. Anurag Sharma  
 who is identified by shri. Anurag Sharma  
 at Dehradun on 16/11/13  
 Km. URMILA BHATIA  
 Advocate & NOTARY, Dehra Dun

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Information Requirement/Discrepancies in the Petition			
I.	S.no	Information required for Admission of Petition	PTCUL's Reply
A	.	Data submitted in Forms for FY 2013-14	
		PTCUL in the forms submitted alongwith the Petition has submitted the projected figures for current year, i.e. FY 2013-14. As per the forms prescribed by the Commission alongwith Regulations, all the details are to be provided for current year separately for first 6 months (April to September) based on actual data and revised estimates for next 6 months (October to March). Accordingly, PTCUL should re-submit all the forms for FY 2013-14 and provide the details for first six months, i.e. April to September 2013 based on actual data/half yearly accounts and revised estimates for next six months, i.e. October 2013 to March 2014	The revised forms are enclosed in the manner required by the Hon'ble Commission at Annexure I. Also a soft copy of the excel forms is provided in the enclosed CD.
B		Annual Performance Review for FY 2013-14	
		PTCUL in its Petition has submitted the revised ARR for FY 2013-14 based on projected figures and claimed the gap for FY 2013-14 in the ARR for FY 2014-15. PTCUL should submit the revised ARR for FY 2013-14 based on actual data for first six months, i.e. April to September 2013 and revised estimates for next six months, i.e. October 2013 to March 2014.	It is submitted that the revised ARR for FY 2013-14 and FY 2014-15 in the Petition has been proposed in line with the Clause 13(c) of the UERC (Terms and Conditions for Determination of Tariff) Regulations, 2011 which state that:  <i>"The scope of the Annual Performance Review shall be a comparison of the performance of the Applicant with the approved forecast of Aggregate Revenue Requirement and expected revenue from tariff and charges and shall comprise of following:</i>  ... <b>c) Revision of estimates for the ensuing financial year, if required, based on audited financial results for the previous financial year;</b> ...."  Therefore, it is submitted that PTCUL has considered the audited financial accounts of FY 2012-13 (which were not available at the time of issuance of the MYT Order) for revision of estimates for FY 2013-14 & FY 2014-15. Further, it is submitted that the actual 6 month information for FY 2013-14 has been provided in the enclosed revised formats.
C		True-up for FY 2012-13	
	1	PTCUL, in Table 1 of the Petition, submitted the Capital R&M expenses of Rs 471.73 Lac incurred in FY 2012-	The details and amount of work (along with source of financing) undertaken under Capital R&M during FY 2012-13 is enclosed as Annexure II.

	13. In this regard, PTCUL is required to submit type of work, details of work & source of financing for the above mentioned works	
2	PTCUL, in Table 2 on page 10 of the Petition, submitted the closing GFA for FY 2012-13 as Rs. 776.81 Crore. However, the closing GFA for FY 2012-13 as submitted in form F9.1 is Rs. 773.36 Crore. Similarly, in Table 18 of the Petition, PTCUL has submitted revised opening GFA of Rs 773.36 Crore for FY 2013-14. In this regard, PTCUL should reconcile the numbers and maintain consistency at all places.	It is submitted that the difference is on account of deletion of assets amounting to Rs. 3.45 Crore during FY 2012-13 which is also reflected in the format F9.1 in cell no. D39.
3	PTCUL, in Table 3 of the Petition, has shown rate of depreciation for FY 2012-13 as 2.99%. In this regard, PTCUL is required to submit the basis on which the above mentioned rate of depreciation has been considered. PTCUL is also required to ensure computation of depreciation at a rate specified in the regulations.	It is submitted that in absence of finalization of true-up for past years, the average depreciation rate of 2.99% as approved by the Hon'ble Commission in the true-up for FY 2010-11 & FY 2012-13 has been considered.
4	PTCUL, on page 13 of the Petition, submitted that the equity contribution towards all the schemes other than REC old & NABARD schemes have been funded through budgetary allocation. In this regard, PTCUL is required to submit year-wise disbursement from GoU during FY 2011-12 & FY 2012-13 towards the equity contribution for the schemes for FY 2011-12 & FY 2012-13 duly substantiating them with the letters of GoU.	The details of scheme-wise Return on Equity received by the Government of Uttarakhand are enclosed at Annexure III.
5	PTCUL, on page 16 of the Petition, submitted interest on working capital for FY 2012-13 as Rs. 8.07 Crore in Section 2.10 and as Rs. 6.95 Crore in Table 10. In this regard, PTCUL should reconcile the numbers and maintain consistency at all places.	As per page 16 of the petition <i>"The Petitioner prays to the Hon'ble Commission to approve the interest on Working Capital of Rs. 8.07 Crores for FY 2012-13, including additional interest on working capital on account of TDS incidence."</i> It is to be noted that under interest on working capital, the Petitioner has also included additional required of WC interest of Rs. 1.12 Cr. on account of TDS impact which is over and above the Rs. 6.95 Cr working capital interest amount computed based on normative basis. The sum of the two amounts to total of Rs. 8.07 Cr. as provided in the statement mentioned on Page 16 of the Petition.
D	Review of ARR for FY 2013-14 and FY 2014-15	
6	PTCUL, in Section 3.2 on page 19 of the Petition, submitted that capitalisation of assets as per the six	The scheme-wise details of the works capitalized along with Electrical Inspector certificated (if applicable) are enclosed at Annexure IV

	months actual data in FY 2013-14 is Rs. 48.83 Crore. In this regard, PTCUL should submit the scheme wise list of projects in the format specified in form F19 and the Electrical Inspector Certificates for those projects.	
7	PTCUL should submit the categorisation of GFA in various asset classes as per the categorisation given in UERC (Terms and Conditions for Determination of Tariff) Regulations, 2011 in form F9.1, F9.3, F9.4 and F10.1 for the years FY 2012-13 to FY 2014-15.	<p>It is submitted that in the current petition PTCUL has continued with the closing GFA for FY 2011-12 as approved by the Hon'ble Commission after provisional true-up in the MYT Order due to non-finalization of transfer scheme and awaiting recommendations of the Expert Committee constituted by the Hon'ble Commission. Accordingly, the figures of opening and closing assets in the petition does not reconcile with the audited accounts of PTCUL.</p> <p>In view of the difference in GFA amount claimed in the petition with respect to audited amount, it is difficult to provide asset categorization in various asset classes.</p>
8	PTCUL should submit the complete details in form F10.2 (Statement of Depreciation) in the format specified by UERC (Terms and Conditions for Determination of Tariff) Regulations, 2011	As submitted in the reply to query 7 above, the GFA claimed in the petition (as per approved GFA by the Hon'ble Commission) does not reconcile with the audited accounts. Therefore, it is difficult to consider asset classes and charge depreciation as per applicable depreciation for each asset class. Therefore, PTCUL has considered the average depreciation of 5.28% as approved by the Hon'ble Commission in the MYT Order and shall submit the actual depreciation (based on asset class) at the time of true-up for FY 2013-14.
9	PTCUL should submit the complete details in form F11.1 (Statement of Capital Expenditure) in the format specified by UERC (Terms and Conditions for Determination of Tariff) Regulations, 2011. PTCUL is required to submit project-wise/scheme-wise details of capital work in progress & details of capitalisation for FY 2013-14 & FY 2014-15.	The revised format is included along with Annexure I.
10	PTCUL should submit the scheme wise means of finance for the additional capitalisation proposed in FY 2013-14 and FY 2014-15.	With reference to the additional capitalization, it is submitted that the means of finance would be in the ratio of 70:30 debt:equity for each of the proposed scheme.
11	PTCUL, in Table 20 on page 26 of the Petition, submitted the O&M expenses for FY 2014-15 as Rs. 107.34 Crore while, in Table 27 on page 32 of the Petition, the O&M expenses for FY 2014-15 has been submitted as Rs. 107.38 Crore. In this regard, PTCUL should reconcile the numbers and maintain consistency at all places.	It is submitted that the amount of Rs. 107.38 Cr towards O&M expense is correct. The total of Rs. 107.34 Cr. mentioned in Table 20 is a typographical error. If the sum of the components of O&M are considered (employee, R&M and A&G), it shall add up to Rs. 107.38 Cr.

12	<p>UERC (Terms and Conditions for Determination of Tariff) Regulations, 2011 does not provide for Advance Against Depreciation. However PTCUL, in Table 27 on page 32 of the Petition, submitted Advance Against Depreciation for FY 2013-14 and FY 2014-15. In this regard, PTCUL should modify the Table and submit the revised values of Depreciation for FY 2013-14 and FY 2014-15.</p>	<p>It is submitted that there has been an inadvertent error while labeling of the components in the table. The revised table 27 is provided at Annexure V</p>									
13	<p>PTCUL, in excel form F1(a), has not submitted the revenue from Tariff for FY 2012-13 to FY 2014-15. In this regard, PTCUL should submit the same.</p>	<p>The revenue figures have been included in the revised formats which are enclosed at Annexure I.</p>									
14	<p>With regard to works/projects namely i) Construction of 132 kV Sub-station at Simli, ii) Construction of 132 kV D/C Srinagar-II to Satpuli Line &amp; iii) Construction of 132 kV D/C Line Srinagar-II to Simli and LILO of Rishikesh - Srinagar Line at 132 kV Srinagar-II substation, the Commission has not considered capitalisation of these works/projects for the reasons recorded in the previous orders. In this regard, PTCUL is required to submit the status/progress of these works</p>	<p>The status/progress of the mentioned works are enclosed at Annexure VI.</p> <p>Further, with regard to the 132kV D/c Srinagar-II to Satpauli line the Commission had not included the capitalization inspite of the Electrical Inspector certificate as the line was not energized in the MYT Order. It is submitted that the work related to circuit breaker in its bay at 132kV S/s Satpauli is commissioned on 26 June 2013 and the LILO of Rishikesh – Srinagar line at 132kV S/s Srinagar-II is also complete and energized on 27 June 2013. Therefore, PTCUL requests the Hon'ble Commission to consider the capitalization of this work for tariff determination purposes.</p>									
15	<p>Return on Equity PTCUL should submit the computations of Return on Equity and Income Tax separately as UERC (Terms and Conditions for Determination of Tariff) Regulations, 2011 specifies post tax rate of return on equity.</p>	<p>The bifurcation of the RoE and Income tax is provided below: (Rs. Cr.)</p> <table border="1" data-bbox="1157 935 1759 1040"> <thead> <tr> <th>Particulars</th> <th>2013-14</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>RoE</td> <td>10.64</td> <td>14.11</td> </tr> <tr> <td>Income Tax</td> <td>2.66</td> <td>3.53</td> </tr> </tbody> </table>	Particulars	2013-14	2014-15	RoE	10.64	14.11	Income Tax	2.66	3.53
Particulars	2013-14	2014-15									
RoE	10.64	14.11									
Income Tax	2.66	3.53									
<b>II</b>	<b>Information required for analysis of the Petition</b>										
<b>A</b>	True-up for FY 2012-13										
16	<p>PTCUL should submit the scheme wise list of projects capitalised in FY 2012-13 in the format specified in form F19 along with copies of Electrical Inspector Certificate for those projects.</p>	<p>The format for scheme-wise list of projects capitalized in FY 2012-13 is enclosed at Annexure VII along with copies of relevant Electrical Inspector Certificate.</p>									
17	<p>PTCUL should submit the scheme wise means of finance for the additional capitalisation in FY 2012-13.</p>	<p>The list of additional capitalization in FY 2012-13 is included in the Format at Annexure VII.</p>									
18	<p>PTCUL should confirm if the cumulative depreciation as on March 31, 2013 is less than 90% of GFA for all assets, as assets cannot be depreciated beyond 90% of GFA in accordance with UERC (Terms and</p>	<p>PTCUL submits that depreciation values in the accounts have been calculated in accordance with the UERC (Terms and Conditions for determination of Distribution Tariff) Regulations, 2004 and also submits that the cumulative depreciation is less than 90% of GFA.</p>									

	Conditions for Determination of Transmission Tariff)Regulations, 2004.	
<b>19</b>	PTCUL should submit the computation of Guarantee Fee for FY 2012-13 in workable excel sheet with formulae and linkages.	The computation of guarantee fee for FY 2012-13 is provided at Annexure VIII
<b>20</b>	PTCUL, in Section 2.10 on page 15 of the Petition, submitted that for FY 2012-13, UPCL has deducted Rs. 15.13 Crore towards TDS. In this regard, PTCUL should submit the supporting documents for the same	A copy of the Form 26AS is enclosed at Annexure IX as documentary evidence towards the TDS amount.
<b>21</b>	In Table 7 of the Petition, PTCUL has submitted the details of O&M expenses for FY 2012-13 depicting approved employees' cost and total O&M expenses for FY 2012-13 as Rs 58.75 Core & Rs 88.26 Crore respectively. However, approved employees' cost and total O&M expenses for FY 2012-13 were Rs 58.32 Crore & Rs 87.83 Crore. PTCUL is required to rectify the above mentioned discrepancy.	It is submitted that the approved ARR for FY 2012-13 has been considered as per CORRIGENDUM dated May 07, 2012 against Order dated April 04, 2012 (Petition No. 18 of 2011)
<b>22</b>	PTCUL should submit the monthly trial balance for FY 2012-13	A copy of the monthly trial balance for FY 2012-13 is enclosed at Annexure X
<b>B</b>		
<b>23</b>	PTCUL should submit the monthly trial balances for the months of April, 2013 to September, 2013.	A copy of the monthly trial balance for FY 2012-13 is enclosed at Annexure XI
<b>24</b>	PTCUL, in Table 16 on page 22 of the Petition, submitted the computation of year wise impact for LILO of 220 kV Haridwar-Roorkee line at 400 kV PGCIL substation. PTCUL should submit the same in workable excel sheet with formulae and linkages	The same is provided in excel sheet 'H-R line' along with the soft copy of the formats in the enclosed CD.
<b>25</b>	O&M expenses	
<b>i</b>	PTCUL should submit the computations of Employee expenses, R&M expenses and A&G expenses as submitted in Table 17 to Table 19 of the Petition in workable excel sheet with formulae and linkages. Also, PTCUL should submit the basis for considering the percentages of capitalisation of employee expenses and A&G expenses as submitted in Table 17 and Table 19 of the Petition.	It is submitted that the detailed methodology for computation of each element of O&M expense is provided in the petition under Para 3.3. Further an excel sheet 'O&M projection' has also been provided along with the formats. The basis for capitalization of employee cost is the actual capitalization of employee expense for FY 2012-13 while for A&G expense an assumption of 10% has been considered as few components i.e. licensee fee, insurance expense, etc. shall not be capitalized.
<b>ii</b>	PTCUL is required to submit the details of actual employees as on 01.04.2012, 31.03.2013 and	The details of employees are enclosed at Annexure XII.

	01.09.2013. In addition, PTCUL is required to submit the details of recruitments as well as retirements during FY 2012-13 & upto September, 2013 in FY 2013-14 alongwith plan of recruitment and status of retirement for the balance period of FY 2013-14 & for FY 2014-15.	
iii	PTCUL should submit the computations of CPIInflation and WPIInflation considered for computation of Employee expenses and R&M expenses in Table 17 and Table 18 of the Petition in workable excel sheet with linkages and formulae	The same is provided in excel sheet 'O&M expense' along with the formats in the enclosed CD.
iv	PTCUL, in Table 19 on page 25 of the Petition, considered Rs. 2 Crore towards insurance of transmission assets in FY 2013-14 and FY 2014-15. In this regard, PTCUL should submit the rationale and supporting documents for the same	<p>PTCUL has made the following submission in the APR Petition:  <i>"The actual license fee paid during FY 2013-14 has been considered by PTCUL along with an additional amount of Rs. 2 Crore towards insurance of transmission assets. For protection of the transmission assets against the natural calamities like the one recently occurred in the State of Uttarakhand, it is submitted that the requirement of insurance of the transmission assets of PTCUL is very important. This would be beneficial to the consumers in safeguarding their interest against such calamities."</i></p> <p>Further, it is submitted that the internal auditor had also pointed out the requirement for insurance for its transmission assets. The amount of Rs.2Cr has been considered as per the bids received from insurance companies. The supporting documents regarding the same is enclosed at Annexure XIII.</p>
26	PTCUL, in Table 29 on page 33 of the Petition, submitted the computation of carrying cost on proposed revenue gap. In this regard, PTCUL should submit the computations of the same in workable excel sheet with formulae and linkages.	The same is provided in excel sheet 'MYT Period' along with the soft copy of the formats in the enclosed CD.
27	In Table 12 of the Petition, PTCUL has submitted the details of the works estimated to be completed during the balance six months of FY 2013-14. In this regard, PTCUL is required to submit physical as well as financial progress of the said works upto November, 2013.	The revised details of the works estimated to completed during FY 2013-14 are provided at Annexure XIV.
28	At Para 3.2 of the Petition, PTCUL has submitted that under PFC scheme, one of the works i.e. LILO of 220kV Haridwar-Roorkee line at 400kV PGCIL Sub-station, Roorkee is operational since 24 November 2010. In this regard, PTCUL is required to submit the	A copy of the Electrical Inspector certificate for the line is enclosed at Annexure XV

	corresponding clearance certificates of Electrical Inspector.																
29	At Para 3.3 of the Petition, PTCUL has submitted that it has considered average CPI inflation of 9.82% and WPI inflation of 6.67% for estimating the employees' expenses for FY 2014-15 to FY 2015-16. Sub-Regulation 65(4) of MYT Regulations, 2011 stipulates average of CPI inflation & WPI inflation of immediately preceding 3 years, hence you are required to submit computation of these factor in accordance with above referred regulations.	The same is provided in excel sheet 'O&M expense' along with the formats in the enclosed CD.															
30	In Table 18 of the Petition, PTCUL has submitted revised opening GFA of Rs 877.73 Crore for FY 2014-15 after making adjustment of allocated assets of SLDC. PTCUL is required to submit the break-up & basis of assets allocated between PTCUL & SLDC.	It is submitted that the break-up of the assets and the basis for the same is provided in the SLDC petition filed with the Hon'ble Commission for approval.															
31	At Para 3.5 of the Petition, PTCUL has submitted that it has considered interest rates based on the actual effective weighted average interest rate of 11.59% as per six months for FY 2013-14 as against the approved 10.06% in the MYT Order. In this regard, PTCUL is required to submit the details of actual loan received, loan repayment, interest paid alongwith the computation of the weighted rate of interest in workable excel sheet with formulae and linkages for FY 2012-13 & for six months of FY 2013-14.	It is submitted that all actual information for FY 2012-13 and 6 months of FY 2013-14 with respect to loans (including actual opening balance, closing balance, repayment, interest cost, etc.) are provided in Format 15.2. Also, weighted average interest rate for FY 2012-13 and 6 months of FY 2013-14 are provided at row no. 63 of the same format.															
32	In Table 23 of the Petition PTCUL has considered rate of interest on IWC as 14.45%. The Petitioner is required to submit the relevant document verifying the same.	The supporting document against the claim is enclosed at Annexure XVI															
33	In Form no. 8.1 of the Petition, PTCUL has furnished details of any other items for FY 2011-12 to FY 2014-15. PTCUL is required to specify/clarify the nature of the work on which such expenses would be made.	It is submitted that under employee expense the elements and respective expense contained in 'any other item' is provided in the table below:															
		<table border="1"> <thead> <tr> <th>PARTICULARS (in Rs. Lacs)</th> <th>2011-12</th> <th>2012-13</th> </tr> </thead> <tbody> <tr> <td>Linked G.P.F. Insurance Scheme</td> <td>0.10</td> <td>0.47</td> </tr> <tr> <td>Superannuation Boards Contribution (Pension)</td> <td>329.91</td> <td>325.57</td> </tr> <tr> <td>Gratuity</td> <td>121.60</td> <td>245.61</td> </tr> <tr> <td><b>TOTAL</b></td> <td><b>451.61</b></td> <td><b>571.65</b></td> </tr> </tbody> </table>	PARTICULARS (in Rs. Lacs)	2011-12	2012-13	Linked G.P.F. Insurance Scheme	0.10	0.47	Superannuation Boards Contribution (Pension)	329.91	325.57	Gratuity	121.60	245.61	<b>TOTAL</b>	<b>451.61</b>	<b>571.65</b>
PARTICULARS (in Rs. Lacs)	2011-12	2012-13															
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<b>TOTAL</b>	<b>451.61</b>	<b>571.65</b>															

<u>Form Related</u>	
<b>34</b>	Some of the cells of Form no. 8.1(L34,M34), 8.2(k20,L20) & 8.3(K13,L13,K53,L53) of excel format submitted by PTCUL showing link with another file namely [PTCUL true-up 12Nov13.xlsx]. However, the said file has not been provided alongwith the petition. You are required to submit the same and other related soft copy if any.
	It is submitted that the file contained some basic calculation i.e. comparison of approved and actual ARR for FY 2012-13, O&M expense, carrying cost, etc. which have now been included in the 'Revised Format' in the enclosed CD.
<b>35</b>	Form 1.4 shows capital expenditure of Rs 37.32 Crore upto September, 2013 whereas at Para 3.2 of the petition PTCUL has submitted that as per six month actual information assets of Rs 48.83 Crore have been capitalised. PTCUL is required to clarify the above referred discrepancy.
	It is submitted that the actual information of Rs. 37.32 Cr. is during first 6 months (i.e. April-Sep) of FY 2013-14. Also, the amount of Rs. 48.83 Cr. is capitalization during six months of FY 2013-14. It is clarified that the higher capitalization is on account of opening CWIP figure (capital expenditure which has been incurred in the past but not capitalized).
	Directives Related:
<b>36</b>	W.r.t. the direction on segregation of UITP & non-UITP expenses PTCUL vide letter dated 04.10.2013 submitted that a methodology has been formulated & approved by MD, PTCUL for adoption w.e.f. FY 2013-14. In this regard, PTCUL is required to submit documents corroborating that the above mentioned methodology is in force.
	It is submitted that the methodology for segregation of UITP and non-UTIP has been approved in the current financial year i.e. 2013-14. The actual expenditure of PTCUL is currently being booked under normal heads. However, at the end of the year the same would be transferred to UITP heads as per the approved methodology and would also be intimated /submitted to the Hon'ble Commission.
<b>37</b>	W.r.t. the direction on Ring Fencing of SLDC & Operationalisation of SCADA PTCUL vide letter dated 15.10.2013 submitted that for creation of separate representative board structure for SLDC in line with that of POSOCO is pending with the State Government. In this regard, PTCUL is required to submit further efforts/progress made if any, in the matter so far.
	It is submitted that the letter requesting for creation of separate representative board structure for SLDC is pending the approval of the Government of Uttarakhand. However, other requirements in line with the Pradhan Committee's recommendations are being implemented. The following activities have already being undertaken/ initiated:
	<ul style="list-style-type: none"> <li>i. Manpower requirement of SLDC has been identified.</li> <li>ii. For Basic Level Certification, 5 No. employees of SLDC has undergone for basic level certification training at NPTI, Bangalore.</li> <li>iii. The accounts of SLDC have been separated and SLDC is operating with a separate expenditure account</li> <li>iv. Budget of SLDC has been separated and a separate budget was prepared for SLDC for FY 2013-14 including capital expenditure for augmentation of SLDC for hardware and software requirements.</li> </ul>

		v. As per directives of Hon'ble Commission, SLDC has filed a separate Petition for determination of ARR before the Hon'ble Commission.
<b>38</b>	W.r.t. the direction on submission of required information, for truing up of previous years, to the Expert Committee within 6 months of the date of the Order, PTCUL has submitted that all the information has been submitted vide its letter dated 25.07.2013. In this regard, the information is being validated and deficiency, if any, would be intimated to PTCUL separately.	Currently no action required

**Name of Transmission Licensee: PTCUL****All figures in Rs. Crores**

<b>S.No.</b>	<b>Format No.</b>	<b>Description</b>
<b>1</b>	<b>Form 1</b>	<b>Aggregate Revenue Requirement</b>
2	Form 2	Return on Equity
3	Form 3	Details of Transmission Lines and Sub-Stations
4	Form 4	Transmission Losses
5	Form 5	Transmission Availability Factor
6	Form 6	Income from investments, Non-tariff income and Other Business
7	Form 7	Open Access related charges
8	Form 8	Operations and Maintenance Expenses
9	Form 8.1	Employee Expenses
10	Form 8.2	Repair & Maintenance Expenditure
11	Form 8.3	Administration & General Expenses
12	Form 9.1	Statement of Total Gross Fixed Asset
13	Form 9.2	Deposit works and grants/subsidies towards cost of capital assets
14	Form 9.3	Statement of GFA funded through Deposit Works/Capital Subsidy/Grant
15	Form 9.4	Statement of GFA excluding Assets funded through Deposit Works/Capital Subsidy/Grant
16	Form 10.1	Statement of Asset wise Depreciation
17	Form 10.2	Statement of Depreciation
18	Form 11.1	Statement of Capital Expenditure
19	Form 11.2	Statement of Capital Works-in-Progress
20	Form 11.3	Statement of Capital Expenditure & Schedule of Completion of New Schemes
21	Form 11.4	Break-up of Scheme-wise Capital Expenditure for New Schemes
22	Form 12	Draw Down Schedule for Calculation of IDC & Financing Charges
23	Form 13	Details of Capital Cost and Financing Structure
24	Form 14	Details of Financial Packages
25	Form 15.1	Statement of Outstanding Loans
26	Form 15.2	Calculation of Weighted Average Interest Rate of Interest on Actual Loans *
27	Form 15.3	Calculation of Interest on Normative Loan
28	Form 16	Interest and Finance Charges
29	Form 17	Details of Interest on Working Capital
30	Form 18	Investment Plan
31	Form 19	Investment Plan
32	Form 20	Summary of Truing Up
33	Form 21.1	Shunt Capacitor Addition / Repair Program
34	Form 21.2	Electrical Accidents
35	Form 21.3	Failure of Transformers

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Intra State transmission

## Annual Revenue Requirement

S.No.	Particulars	Reference Form	FY 2012-13	FY 2013-14	FY 2014-15
			Total (April- March) Estimated	Projected	Projected
A	Energy	F4			
1	Energy Available (MU)		12,904	-	-
2	Energy Transmitted (MU)		12,668	-	-
3	Transmission Loss %		1.83%	1.84%	1.82%
B	Revenue				
1	Revenue from Tariffs (as approved in Order)		#REF!	#REF!	#REF!
2	Revenue from other charges incl Non- Tariff Income	F6	1.51	1.30	1.37
	Total Revenue (1+2)		#REF!	#REF!	#REF!
C	Expenditure				
1	O&M expenses	F8	84.06	#REF!	#REF!
a	R&M Expenses		20.51	#REF!	#REF!
b	Employee Expenses		49.40	#REF!	#REF!
c	A&G Expenses		14.14	#REF!	#REF!
2	Depreciation	F10.1	19.51	40.58	47.74
3	Advance Against Depreciation		33.05		
4	Guarantee Fee	F15.3	0.89	1.29	1.74
5	Interest on term Loans	F15.3	32.13	39.32	47.35
6	Interest on working Capital	F17	6.95	#REF!	#REF!
7	Interest on Additional WC due to TDS	F17	1.12	3.60	5.62
	Total Expenditure (1+2+3+4+5+6+7)		177.71	#REF!	#REF!
D	Return on Equity	F2	4.96	13.30	17.64
	True-up of Past Year			#REF!	
E	<b>Aggregate Revenue Requirement</b>		<b>182.68</b>	<b>#REF!</b>	<b>#REF!</b>
H	Surplus (+)/Shortfall(-) (B)-€		#REF!	#REF!	#REF!

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 2

Return on Equity						
Intra State Transmission						
S.No.	Particulars	Reference Form	(2011-12)	(2012-13)	(2013-14)	(2014-15)
			MYT Order	Total	Projected	Projected
1	Equity at the beginning of the year		3.59	35.45	68.65	91.04
2	Capital Expenditure		184.20	122.52	117.98	180.63
3	Equity portion of capital Expenditure		31.86	33.20	22.39	35.70
4	Equity at the end of the year		35.45	68.65	91.04	126.74
	Return on Equity (%)		14.00%	14.00%	15.50%	15.50%
	MAT				20.01%	20.01%
	Effective rate on Interest		14.00%	14.00%	19.38%	19.38%
5	Full year return on Opening equity		0.50	4.96	13.30	17.64
	<b>Return on Equity</b>		<b>0.50</b>	<b>4.96</b>	<b>13.30</b>	<b>17.64</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 3

## Transmission Lines

S.No.	Name of Line	Type of Line AC/HVDC	S/C or D/C	No. of Sub-Conductor	Voltage Level kv	Line Length Ckt Kms	Date of Commercial Operations	Covered in the Present	
								Yes/No	If No, Petition No. and year
1	400 KV Rishikesh – Moradabad Line	AC	S.C.	Moose	400KV	157.00	1983	yes	
2	400 KV Rishikesh -Puhana PGCIL Muzaffarnagar	AC	S.C.	Moose	400KV	112.49	31.3.1984	yes	
3	LILO of Rishikesh-Moradabad line at 400 KV S/S Kashipur (Near Dhampur)	AC	D/C	ACSR Moose	400KV	119.00	11/11/2006	yes	
4	220 KV Rishikesh-Chamba	AC	S.C.	ACSR Zebra	220KV	40.50	31.3.1983	yes	
5	220 KV Chamba-Dharasu	AC	S.C.	ACSR Zebra	220KV	38.56	31.3.1983	yes	
6	220 KV Chhibro- Khodri I Ckt.	AC	S.C.	Deer	220KV	5.77	1973	yes	
7	220 KV Chhibro- Khodri II Ckt.	AC	S.C.	Deer	220KV	8.60	1975	yes	
8	220 KV Khodri-Rishikesh	AC	S.C.	Deer	220KV	79.63	Mar-76	yes	
9	220 KV Dharasu-Uttarkashi-I	AC	S.C.	ACSR Zebra	220KV	25.00	22.3.1986	yes	
10	220 KV Dharasu-Uttarkashi-II	AC	S.C.	ACSR Zebra	220KV	24.70	22.3.1986	yes	
11	220 KV Rishikesh- Dharasu-I	AC	S.C.	ACSR Zebra	220KV	79.96	22.3.1986	yes	
12	220 KV Rishikesh-SIDCUL	AC	S.C.	ACSR-Deer	220KV	24.53	17.9.1979	yes	
13	( Haridwar)	AC		ACSR-Deer				yes	
14	220 KV Haridwar-Puhana	AC	S.C.	ACSR-Deer	220 KV	23.31		yes	
15	220 KV Puhana-Roorkee	AC	S.C.	ACSR-Deer	220 KV	16.00		yes	
16	220 KV Pantnagar - Baikunthapur	AC	S.C.	ACSR Zebra	220KV	70.72	26/07/2002	yes	
17	220KV Pantnagar - Kamalwaganja	AC	S.C.	ACSR Zebra	220KV	37.32	26/07/2002	yes	
18	220 KV Railway Traction (2 Phase)	AC	S.C.	ACSR Zebra	220 KV	4.80	15/07/2005	yes	
19	LILO OF 220 KV Rishikesh – Muzaffarnagar line at 220 KV S/s Roorkee	AC	D.C.		220 KV	0.10	11/2/2005	yes	
20	220 KV Rishikesh-Dharasu- II	AC	S.C.	ACSR Zebra	220KV	80.40	23.4.2009	yes	
21	220 KV Chamba-Ghansali	AC	S.C.	ACSR Zebra	220KV	35.79	30.9.2009	yes	
22	220KV Kashipur – Berhani line	AC	D.C.	ACSR Zebra	220KV	53.60	1/1/2011	yes	
23	220 KV Ghansali-Bhilangana line	AC	D.C.	ACSR Zebra	220 KV	39.00	21.10.2011	yes	
24	LILO of 220 KV Roshnabad – Roorkee line at 400 KV S/s Puhana	AC	D.C.	ACSR Panther	220 KV	10.00	24.11.2010	yes	
25	220 KV Berhani – Pantnagar line	AC	D.C.	ACSR Zebra	220 KV	71.06	01.01.2011/ Jan 2013	yes	

26	132 KV Roorkee-Saharanpur	AC	S.C.	ACSR-Panther	132KV	30.72	1958	yes	
27	132 KV Roorkee-Manglore	AC	S.C.	ACSR-Wolf	132KV	13.89	1959	yes	
28	132 KV Roorkee-Laksar	AC	S.C.	ACSR-Wolf	132KV	26.50	1959	yes	
29	132 KV Roorkee-SIDCUL(Haridwar)	AC	S.C.	ACSR-Panther	132KV	31.15	17.9.1979	yes	
30	132 KV Roorkee-Jwalapur	AC	S.C.	ACSR-Panther	132KV	26.57	7.12.1978	yes	
31	132 KV Jwalapur-Chilla	AC	D.C.	ACSR-Panther	132KV	16.89	12.08.1973	yes	
32	132 KV Jwalapur-Rishikesh	AC	S.C.	ACSR-Panther	132KV	22.97	9.1.1979	yes	
33	132 KV Chilla-Nazibabad	AC	S.C.	ACSR-Panther	132KV	53.13	16.6.1995	yes	
34	132 KV Najibabad-Kotdwar	AC	S.C.	ACSR-Panther	132KV	23.78	16.6.1995	yes	
35	132 KV Rishikesh-Bindal	AC	S.C.	ACSR-Panther	132KV	44.73	31.3.1983	yes	
36	132 KV Rishikesh-Majra	AC	S.C.	ACSR-Panther	132KV	41.14	22.8.1966	yes	
37	132 KV Majra-Kulhal-I	AC	S.C.	ACSR-Panther	132KV	41.77	31.3.1983	yes	
38	132 KV Majra-Kulhal-II	AC	S.C.	ACSR-Panther	132KV	44.29	16.4.1976	yes	
39	132 KV Majra-Purkul	AC	S.C.	ACSR-Panther	132KV	22.77	27.3.1983	yes	
40	132 KV Dhalipur-Dhakrani	AC	S.C.	ACSR-Panther	132KV	6.60	1966	yes	
41	132 KV Khodri-Dhakrani	AC	S.C.	ACSR-Panther	132KV	22.77	Apr-72	yes	
42	132 KV Dhalipur-Kulhal	AC	S.C.	ACSR-Panther	132KV	44.61	Apr-72	yes	
43	132 KV Dhalipur-Purkul	AC	S.C.	ACSR-Panther	132KV	13.96	3.3.1984	yes	
44	132 KV Bindal-Majra	AC	D.C.	ACSR-Panther	132KV	8.54	31.3.1992	yes	
45	132 KV Rishikesh-Srinagar	AC	S.C.	ACSR-Panther	132KV	78.00	30.6.1980	yes	
46	132KV Ramnagar - Kalagarh	AC	S/C	ACSR Panther	132KV	69.40	21/09/1978	yes	
47	132KV Jaspur - Kalagarh	AC	S/C	ACSR Panther	132KV	32.74	21/09/1978	yes	
48	132KV Kashipur - Bazpur	AC	S/C	ACSR Panther	132KV	15.62	31/12/1988	yes	
49	132KV Kichha - Richha	AC	S/C	ACSR Panther	132KV	7.6	30/03/1993	yes	
50	132 Kv Kichha - CPP	AC	S/C	ACSR Panther	132KV	18.57	30/03/1993	yes	
51	132 Kv Haldwani - Bhowali	AC	S/C	ACSR Panther	132KV	14.06	1/12/1978	yes	
52	132 Kv Bhowali - Almora	AC	S/C	ACSR Panther	132KV	31.04	17/11/1979	yes	
53	66 KV Roorkee-Pathri-I	AC	S.C.	ACSR-Dog	66KV	20.68	1956	yes	
54	66 KV Roorkee-Pathri-II	AC	S.C.	ACSR-Dog	66KV	20.68	1956	yes	
55	132 KV Laksar-Nehtaur line	AC	S.C.	ACSR Panther	132 KV	53.5		yes	
56	220KV Pantnagar – 132 KV Haldwani	AC	S/C	ACSR Panther	132 KV	39.8		yes	
57	132 KV Kashipur – Thakurdwara line	AC	S/C	ACSR Panther	132 KV	14.3	-	yes	
58	132 KV Jwalapur-Bhupatwala	AC	S.C.	ACSR-Panther	132KV	10.27	2.12.2003	yes	
59	132 KV Chilla-BPT – Rishikesh	AC	S.C.	ACSR-Panther	132KV	53.13	2.12.2003	yes	
60	132 Kv Almora - Pithoragarh	AC	S/C	ACSR Panther	132KV	76.4	6/2/2003	yes	
61	132 Kv Kamaluaganja - Bazpur	AC	S/C	ACSR Panther	132KV	44.24	26/07/2003	yes	
62	132 Kv Kamaluaganja - Haldwani	AC	S/C on D/C Tower	ACSR Panther	132KV	8.4	26/07/2003	yes	

63	132 KV Kashipur (400 KV S/s) – Ramnagar	AC	S/C	ACSR Panther	132KV	20	7/9/2005	yes	
64	132KV Kichha-Sitarganj	AC	S/C on D/C Tower	ACSR Panther	132KV	32.15	1/7/2006	yes	
65	132 Kv Almora - Ranikhet	AC	S/C	ACSR Panther	132KV	22.66	2/12/2006	yes	
66	132KV Pantnagar - Rudrapur	AC	S/C	ACSR Panther	132KV	7.6	5/8/2006	yes	
67	132 KV Kashipur (400 KV S/s) - Jaspur	AC	S/C	ACSR Panther	132KV	20	24/12/2006	yes	
68	132 Kv Kichha - Rudrapur	AC	S/C	ACSR Panther	132KV	20.31	5/8/2006	yes	
69	132 KV Manglore-AIS-I	AC	S.C.	ACSR-Panther	132KV	7	27.10.06	yes	
70	132 KV Manglore-AIS-II	AC	S.C.	ACSR-Panther	132KV	7	27.11.06	yes	
71	132 KV Kashipur (400 KV S/s) - Kashipur 132 KV S/s) 1st	AC	S/C	ACSR Panther	132KV	5.5	13/01/2006	yes	
72	132 KV Kashipur (400 KV S/s) - Kashipur (132 KV S/s) IIInd	AC	S/C	ACSR Panther	132KV	6.05	13/01/2006	yes	
73	132 KV Roorkee-Bhagwanpur	AC	S.C.	ACSR-Panther	132KV	20.14	24/05/2006	yes	
74	132 KV Bhagwanpur-Saharanpur	AC	S.C.	ACSR-Panther	132 KV	26.62	24/05/2006	yes	
75	132 KV Manglore - Nehtaur	AC	S.C.	ACSR-Panther	132 KV	73.73	26/10/2006	yes	
76	132 KV Jwalapur - SIDCUL (Haridwar)	AC	S.C.	ACSR-Panther	132KV	0.12	5/6/2007	yes	
77	132KV Khatima- Sitarganj	AC	D/C	ACSR Wolf	132KV	24.3	1/7/2007	yes	
78	132KV Kashipur- IGL	AC	S/C	ACSR Panther	132KV	2.39	21/07/2007	yes	
79	132KV Kashipur- KVS	AC	S/C	ACSR Panther	132KV	1.03	21/07/2007	yes	
80	132 Kv Sitarganj – Dohna	AC	S/C	ACSR Panther	132 KV	105.5	25/08/2007	yes	
81	132 KV Laksar-RBNS Sugar Mill	AC	S.C.	ACSR-Panther	132KV	4.2	1.4.2008	yes	
82	132 Kv Sitarganj - PGCIL (220 KV S/s)	AC	S/C	ACSR Panther	132 KV	0.05	2/3/2009	yes	
83	132 KV Kotdwar-Satpuli	AC	S.C. on D.C.	ACSR-Panther	132KV	46.7	28.01.2010	yes	
84	132 KV Kashipur (400 KV S/s) - Bazpur	AC	S/C on D/C Tower	ACSR Panther	132KV	15.62	10-Feb	yes	
85	LILO of Rishikesh – Srinagar line at 132 KV S/s Srinagar	AC	D/C	ACSR Panther	132 KV	3.286	Dec. 2011	yes	
86	132 KV Second Circuit Sitarganj – Kichcha line	AC	S/C	ACSR Panther	132 KV	32.15	17.01.2011	yes	
87	LILO of 132 KV Kashipur (Old) – Thakurdwara line at 220 KV S/s Mahuakheraganj	AC	D/C	ACSR Panther	132 KV	13.018	24.11.11	yes	
88	LILO of 132 KV Roorkee – Nehtaur line at 132 KV S/s Laksar	AC	D/C	ACSR Panther	132 KV	6	16.07.2007	yes	
89	LILLO OF SITARGANJ -KICCHA LINE	AC	D/C	ACSR Panther	132 KV		09.10.2012	yes	
90	LILLO 132 Kashipur-Moradabad at 220 Mahuakheraganj	AC	D/C	ACSR Panther	132 KV	6.509	03.07.2012	yes	

S.No.	Name of Sub-station	Type of Sub-station Conventional/ GIS/HVDC	Voltage Level KV	No. of Transformers/Reactors/svc etc. (With Capacity)	No. of bays			Date of Commercial Operations	Covered in the Yes/No
					400kV	230 kV	132 kV & below		
1	400 KV S/S Rishikesh	Conventional	400/220 KV	2x 240	6	2	2	16.12.1983	yes
2	400 KV S/S Kashipur	Conventional	400/220 KV	2x315	8	9	10	11.11.2006	yes
3	220 KV S/S Rishikesh	Conventional	220/132 KV	2x100		8	26	12.12.1974	yes
4	220 KV S/S Chamba	Conventional	220/33 KV	1x25				23.9.1980	yes
5	220 KV S/S Uttarkashi PH (Maneri Bhali Stage – I)	Conventional	220/33 KV	1x25				22.3.1986	yes
6	220 KV S/S Haldwani	Conventional	220/132 KV	1 x 100				26.07.2002	yes
7	IC at 220 KV S/S Haldwani	Conventional	220/132	1x100 to 2x100		3	14	10.02.2004	yes
8	IC at 220 KV S/S Rishikesh	Conventional	220/132	2x100 to 2x160				25.02.2004	yes
9	IC at 220 KV S/S Chamba	Conventional	220/33	1x25 to 2x25		6	12	06.11.2004	yes
10	220 KV S/S Roorkee	Conventional	220/132 KV	2x 160		9		10.6.2005	yes
11	increase in capacity of 220 KV S/S Roorkee	Conventional	220/33 KV	2x50				9.10.2012	yes
12	220 KV S/S Pantnagar	Conventional	220/132 KV	2x160		8	19	09.07.2005	yes
13	220 KV S/S SIDCUL, Haridwar	Conventional	220/132 KV	2x100		6	21	19.6.2006	yes
14	IC at 220 KV Uttarkashi P/H (Maneri Bhali Stage-I)	Conventional	220/33 KV	1x25 to 2x25				17.09.2006	yes
15	220 KV T/F at 400 KV S/S Kashipur	Conventional	220/132 KV	2x160				11.11.2006	yes
16	220 KV S/S Mahuakheraganj	Conventional	220/132 KV	2 x 100		7	23	24.11.2011	yes
17	132/33 KV T/F AT 220 KV S/S Rishikesh	Conventional	132/33 KV	2x20				12.12.1974	yes
18	132 KV S/S Rishikesh	Conventional	132/33 KV	1x 12.5				16.8.1966	yes
19	132 KV S/S Roorkee	Conventional	132/33 KV	2x40				1956	yes
20		Conventional	132/66 KV	2x20			57		yes
21	132 KV S/S Jwalapur	Conventional	132/33 KV	2x20				12.8.1973	yes
22	132 KV S/S Srinagar	Conventional	132/33 KV	1x40 +1x20			24	31.3.1981	yes
23		Conventional	132/66 KV	2x(3x5)					yes
24	132 KV S/S Kotdwar	Conventional	132/33 KV	2x40			15	28.3.1995	yes
25	132 KV S/S Bindal	Conventional	132/33 KV	1x40 +1x20				19.6.1992	yes
26	132 KV S/S Purkulgoan	Conventional	132/33 KV	1x20 + 1x20				27.3.1983	yes
27	132 KV S/s Dhakrani PH	Conventional	132/33 KV	2x40				Apr-72	yes
28	132 KV S/S Bhowali	Conventional	132/33 KV	2x(3x5)			14	Dec-78	yes
29	132 KV S/S Kathgodam	Conventional	132/33 KV	1x40				4.10.1978	yes
30		Conventional	132/66 KV	1x20					yes

31	132 KV S/S Kichha	Conventional	132/33KV	2x40			21	30.03.1993	yes
32	132 KV S/S Khatima PH	Conventional	132/33KV	1x40 + 1x20				21.04.1956	yes
33	132 KV S/S Almora	Conventional	132/33KV	2x20			17	17.11.1979	yes
34	132 KV S/S Kashipur	Conventional	132/33KV	3x40			25	21.09.1978	yes
35	132 KV S/S Bazpur	Conventional	132/33KV	2x20			17	31.12.1988	yes
36	132 KV S/S Majra	Conventional	132/33 KV	2x40 + 1x20			27	22.08.1966	yes
37	132 KV T/F at 220 KV S/S SIDCUL, Haridwar	Conventional	132/33 KV	2x80				19.6.2006	yes
38	132 KV T/F at 220 KV S/S Haldwani	Conventional	132/33 KV	2 x 20				26.07.2002	yes
39	132 KV T/F at 220 KV S/S SIDCUL, Pantnagar	Conventional	132/33KV	2x 80				09.07.2005	yes
40	IC at 132 KV S/S Bindal	Conventional	132/33KV	1x40+1x20 to 2x40			16	26.04.2003	yes
41	IC at 132 KV S/S Purkul	Conventional	132/33KV	1x20+1x20 to 1x20+1x40			19	06.11.2006	yes
42	IC at 132 KV S/S Majra	Conventional	132/33KV	2x40+1x20 to 3x40				16.10.2006	yes
43	IC at 132 KV S/S Bazpur	Conventional	132/33KV	2x20 to 2x40				15.03.2004	yes
44	IC at 132 KV S/S Haldwani T/F at 220 KV S/s Haldwani	Conventional	132/33KV	2x20 to 2x40				02.04.2004	yes
45	IC at 132 KV S/S Rishikesh	Conventional	132/33KV	2x20 to 2x40				15.03.2004	yes
46	IC at 132 KV S/S Roorkee	Conventional	132/33KV	2x40 to 3x40				07.05.2003	yes
47	IC at 132 KV S/S Jwalapur	Conventional	132/33KV	2x20 to 2x40			25	25.05.2003	yes
48	132 KV S/S Bhupatwala	Conventional	132/33 KV	2x40			16	30.12.2003	yes
49	132 KV S/S Manglore	Conventional	132/33 KV	2x40			16	27.10.2006	yes
50	132 KV S/S Bhagwanpur	Conventional	132/33 KV	2x40			16	25.5.2006	yes
51	132 KV S/S Rudrapur	Conventional	132/33KV	2x40			14	08.05.2006	yes
52	132 KV S/S Sitarganj	Conventional	132/33KV	2x40			18	07.01.2007	yes
53	132 KV S/S Sitarganj (ELDECO)	Conventional	132/33KV	2x40			2	09.10.2012	yes
54	132 KV S/S Pithoragarh	Conventional	132/33KV	2x(3x5)+1x20			15	02.06.2003	yes
55	Additional capacity on 132kv S/s Pithoragarh	Conventional	132/33KV	1x20				01.07.2012	yes
56	132 KV S/S Ranikhet	Conventional	132/33KV	2x(3x5)			12	14.12.2006	yes
57	132 KV S/S Jaspur	Conventional	132/33KV	2x40			16	24.12.2006	yes
58	132 KV S/S Ramnagar	Conventional	132/33KV	1x20+1x40			12	09.07.2005	yes
59	132 KV S/S Satpuli	Conventional	132/33 KV	2x20			12	02.02.2011	yes
60	132 KV S/S Laksar	Conventional	132/33 KV	2x40			14	26.7.2007	yes
61	132 KV T/F at 220 KV S/S Mahuakheraganj	Conventional	132/33 KV	2 x 80				24.11.11	yes
62	IC at 132 KV S/s Kathgodam	Conventional	132/66/33 KV	1x20 to 1x40			12	02.12.2008	yes
63	IC at 132 KV S/s Bhagwanpur	Conventional	132/33 KV	1 x 20				25.10.2011	yes

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 4

**Transmission Losses**

S.No.	Loss Calculation	2012-13	2013-14	2013-14	2014-15
		Actual	Actual 6 months	Projected	Projected
1	Total Energy Delivered by Generating Stations in the state and interstate tie-lines to the Transmission system of the licensee	12,904	5,791		
2	Energy Delivered by Grid S/Ss to Distribution Licensees	12,668	5,687		
3	<b>Transmission Loss in system (1-2)</b>	236	104		
4	<b>Transmission loss in system (%) [(1-2)/1]</b>	<b>1.83%</b>	<b>1.79%</b>	<b>1.84%</b>	<b>1.82%</b>

Name of Transmission Licensee: PTCUL  
All figures in Rs. Crores  
Form 5

Transmission Availability Factor

S.No.	Particulars	2012-13	2013-14		2014-15
		Actual	6 month actual	estimated	Projected
1	Transmission Availability Factor	99.11%	99.30%	>99%	>99%

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 6

**Intra-State Transmission**

Income from investments, Non-tariff income and Other Business

S.No.	Particulars	(2011-12)	(2012-13)	(2013-14)	(2014-15)
		(Actuals/Audited)	(Actuals/Audited)	Projected	Projected
<b>A</b>	<b>Income from Investments</b>				
1	Interest Income from Investments	0.03	0.00		
2	Interest on Fixed Deposits				
3	Interest from Banks other than Fixed Deposits				
4	Interest on any other items				
	Sub-Total (a)		0.00		
<b>B</b>	<b>Other Non-Tariff Income</b>				
1	Interest on loans and advances to staff				
2	Interest on loans and advances to lessors				
3	Interest on Advances to Suppliers/Contractors	0.01	0.12		
4	Gain on Sale of Fixed Assets				
5	Income/Fee/Collections against Staff Welfare Activities				
6	Revenue from surcharges for late payment				
7	Revenue from surcharge for low power factor and other penal charges				
8	Miscellaneous Receipts	2.30	1.39		
9	Misc. Charges from consumers				
	Sub Total (b)		1.51		
<b>C</b>	<b>Income from other Business</b>				
	Income from other business under Section 41 of EA, 2003				
	<b>Total (a)+(b)+(c)</b>	<b>2.34</b>	<b>1.51</b>	<b>1.30</b>	<b>1.37</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 7

**Open Access Related Charges**

S.No.	Particulars	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	Ensuing Year (2015-16)
		(Actuals/Audited)	(Actuals/Audited)	Projected	Projected	Projected
1	Grid Support Charges	N.A				
2	Reactive Energy Drawl Charges					
3	Scheduling and system operations charges					
4	Inter-state transmission charges (for open access					
5	Handling and Service Charges					
6	Any other Levies as approved by the Commission					
	Total					

Name of Transmission Licensee: PTCUL  
 All figures in Rs. Crores  
 Form 8

Operation & Maintenance Expenses

Intra State Transmission

S.No.	Item	(2011-12)	(2012-13)	FY 2013-14		(2013-14)	(2014-15)
		(Actuals/ Audited)	(Actuals/ Audited)	Actual 6 months	Estimated 6 months	Projected	Projected
1	Employee Expenses	45.94	49.40	29.11	#REF!	#REF!	#REF!
2	Administrative & General Costs	14.82	15.04	7.98	#REF!	#REF!	#REF!
3	Repair & Maintenance Costs	18.03	20.51	8.21	#REF!	#REF!	#REF!
	<b>Sub-Total (1 to 3)</b>	<b>78.79</b>	<b>84.95</b>	<b>45.29</b>	<b>#REF!</b>	<b>#REF!</b>	<b>#REF!</b>

*Note: The O&M expenses are net of capitalization*

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 8.1

Employee Expenses

	S.No.	Particulars	(2011-12)	(2012-13)	FY 2013-14	FY 2013-14	(2013-14)	(2014-15)
			(Actuals/ Audited)	(Actuals/ Audited)	Actual 6 months	Estimated 6 months	Projected	Projected
<b>A</b>		<b>Employees' Cost (other than covered)</b>						
	1	Salaries	24.49	22.81	10.79		#REF!	#REF!
	2	Additional Pay/Dearness Allowance	10.72	14.38	8.36		#REF!	#REF!
	3	Other Allowances & Relief	2.37	2.80	1.55		#REF!	#REF!
	4	Interim Relief/Wage Revision	-	-			#REF!	#REF!
	5	Honorarium/Overtime	-	-			#REF!	#REF!
	6	Statutory Bonus/ Ex-Gratia	0.25	0.39	0.01		#REF!	#REF!
	7	Director's remuneration	0.38	0.54			#REF!	#REF!
		<b>Sub Total</b>	<b>38.21</b>	<b>40.92</b>	<b>20.70</b>	<b>#REF!</b>	<b>#REF!</b>	<b>#REF!</b>
<b>B</b>		<b>Other Costs</b>						
	1	Medical Expenses Reimbursement	0.35	0.43	0.31		#REF!	#REF!
	2	Travelling Allowance (conveyance)	-	-			#REF!	#REF!
	3	Leave Travel Assistance	-	-			#REF!	#REF!
	4	Earned Leave Encashment	6.00	6.11	4.36		#REF!	#REF!
	5	Payment Under Workman's	-	0.00	0.04		#REF!	#REF!
	6	Subsidised Electricity to Employees	-	-			#REF!	#REF!
	7	Any Other Item	0.04	0.02			#REF!	#REF!
	8	Staff Welfare Expenses	0.02	0.04			#REF!	#REF!
		<b>Sub Total</b>	<b>6.41</b>	<b>6.60</b>	<b>4.71</b>	<b>#REF!</b>	<b>#REF!</b>	<b>#REF!</b>
<b>C</b>		<b>Apprentice and Other Training</b>						
<b>D</b>		<b>Contribution to Terminal Benefits</b>						
	1	Provident Fund Contribution	2.14	2.43	1.36		#REF!	#REF!
	2	Provision for PF Fund	-	-			#REF!	#REF!
	3	Any Other Items	4.52	5.72	2.33		#REF!	#REF!
		<b>Total C</b>	<b>6.66</b>	<b>8.14</b>	<b>3.69</b>	<b>#REF!</b>	<b>#REF!</b>	<b>#REF!</b>
<b>E</b>		<b>Grand Total</b>	<b>51.28</b>	<b>55.66</b>	<b>29.11</b>	<b>#REF!</b>	<b>#REF!</b>	<b>#REF!</b>
<b>F</b>		<b>Employee exp capitalised</b>	5.34	6.26			#REF!	#REF!
<b>G</b>		<b>Net Employee expenses (E-F)</b>	<b>45.94</b>	<b>49.40</b>	<b>29.11</b>	<b>#REF!</b>	<b>#REF!</b>	<b>#REF!</b>
		Less:SLDC employee cost					#REF!	#REF!
		<b>Net PTCUL Employee Cost</b>	<b>45.94</b>	<b>49.40</b>	<b>29.11</b>	<b>#REF!</b>	<b>#REF!</b>	<b>#REF!</b>
		Note: The total Employee expenses have been projected for the control period based on the previous year and allocated within subheads based on the past year allocation.						



Details of Number of Employee

S.No.	Item	(2011-12)	2012-13	FY 2013-14	FY 2013-14	(2013-14)	(2014-15)
		Actuals	Actuals	Actual 6 months	Estimated 6 months	Estimated	Projected
5	<b>Technical (Officer/Managerial )</b>						
5.1	Grade I	64	65			60	58
5.2	Grade II	66	94			106	125
	Technical Staff						
5.3	Grade III	401	383			632	663
5.4	Grade IV	99	77			67	60
6	<b>Administrative (Officer/Managerial )</b>						
6.1	Grade I	3	5			5	5
6.2	Grade II	2	3			2	2
	Administrative Staff						
6.3	Grade III	129	95			161	168
6.4	Grade IV	39	37			33	29
7	<b>Accounts and Finance (Officer/Manag</b>						
7.1	Grade I	2	3			3	3
7.2	Grade II	3	4			6	6
	Accounts and Finance Staff						
7.3	Grade III	59	59			79	85
7.4	Grade IV						
8	<b>Total Number of employees</b>						
8.1	Grade I	69	73			68	66
8.2	Grade II	71	101			114	133
8.3	Grade III	589	537			872	916
8.4	Grade IV	138	114			100	89
	<b>Total Employees</b>	<b>867</b>	<b>825</b>			<b>1154</b>	<b>1204</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 8.2

Intra State Transmission

Repair and Maintenance Expenditure

S.No.	Item	FY 2011-12	FY 2012-13	FY 2013-14	FY 2013-14	FY 2013-14	FY 2014-15
		(Actuals/ Audited)	(Actuals/ Audited)	Actual 6 months	Estimated 6 months	Projected	Projected
1	Plant and Machinery	9.58	11.62	4.63	#REF!	#REF!	#REF!
2	Building	2.34	1.71	0.55	#REF!	#REF!	#REF!
3	Civil Works						
4	Hydraulic Works						
5	Lines, Cables, Networks etc.	6.10	7.15	3.00	#REF!	#REF!	#REF!
6	Vehicles						
7	Furniture and Fixtures						
8	Office Equipments						
9	Station supplies						
10	Other Credits to R&M	0.01	0.03	0.02	#REF!	#REF!	#REF!
	<b>Total (1 to 10)</b>	<b>18.03</b>	<b>20.51</b>	<b>8.21</b>	<b>#REF!</b>	<b>#REF!</b>	<b>#REF!</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 8.3

**Intra State Transmission**

**Administrative & General Expenses**

S.No.	Item	FY 2011-12	FY 2012-13	FY 2013-14	FY 2013-14	FY 2013-14	FY 2014-15
		(Actuals/ Audited)	(Actuals/ Audited)	Actual 6 months	Estimated 6 months	Projected	Projected
<b>A</b>	<b>Administrative Expenses</b>					#REF!	#REF!
1	Rent Rates and Taxes	0.41	0.16	0.01			
	Lease/Rent						
	Rates & Taxes						
2	Insurance	0.00	0.00	0.00		#REF!	#REF!
3	Revenue Stamp Expenses Account						
4	Telephone, Postage, Telegram & Telex Charges	0.49	0.62	0.37			
5	Incentive & Award to Employees/Outsiders						
6	Consultancy Charges	0.43	0.37	0.23			
7	Technical Fees						
	UERC Fee	5.86	6.19			#REF!	#REF!
	Govt. Guarantee Fee	0.70	0.89				
8	Other Professional Charges	0.11	0.03	0.01			
9	Conveyance and Travelling	0.55	0.64	0.26			
10	License and Registration fee of						
	Plant and Machinery						
	Vehicles			0.02			
11	Vehicle Expenses (Other than Trucks and Delivery Vans)						
	Vehicles Running Expenses Petrol and Oil	0.31	0.64	0.42			
	Hiring of Vehicles	0.99	1.56	1.07			
12	Security/Service Charges Paid to Outside Agencies	2.63	3.61	2.19			
	Training Expense/ New initiative					#REF!	#REF!
	<b>Sub Total 'A' (1 to 12)</b>	<b>12.46</b>	<b>14.72</b>	<b>4.59</b>			

<b>B</b>	<b>Other Charges</b>						
1	Fee and Subscriptions Books and Periodicals	0.18	0.19	2.43			
2	Printing and Stationary	0.28	0.28	0.12			
3	Advertisement Expenses (Other than Purchase Related)	0.70	0.30	0.24			
4	Contributions/Donations to Outside Institutes/Associations			0.03			
5	Electricity Charges to Offices	0.08	0.20	0.08			
6	Water Charges	0.03	0.07	0.02			
7	Entertainment Charges						
8	Miscellaneous Expenses	2.34	0.84	0.45			
	<b>Sub Total 'B' (1 to 8)</b>	<b>3.61</b>	<b>1.89</b>	<b>3.36</b>			
<b>C</b>	<b>Legal Charges</b>	0.05	0.05	0.03			
<b>D</b>	<b>Auditor's Fee</b>	0.16	0.12	0.01			
<b>E</b>	<b>Material Related Expenses</b>						
	<b>Sub Total 'E' (1 to 8)</b>	0.00	0.00				
<b>F</b>	<b>Grand Total (A To E)</b>	<b>16.28</b>	<b>16.77</b>	<b>7.98</b>	<b>#REF!</b>	<b>#REF!</b>	<b>#REF!</b>
G	A&G expenses capitalised	1.46	1.73		#REF!	#REF!	#REF!
<b>H</b>	<b>Net A&amp;G Expenses (F-G)</b>	<b>14.82</b>	<b>15.04</b>	<b>7.98</b>	<b>#REF!</b>	<b>#REF!</b>	<b>#REF!</b>
	Less: SLDC A&G expense				#REF!	#REF!	#REF!
	<b>Net A&amp;G Expenses (PTCUL)</b>			<b>7.98</b>	<b>#REF!</b>	<b>#REF!</b>	<b>#REF!</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 9.1 Intra State Transmission

## Statement of Total Gross Fixed Asset

FY 2012-13

Particulars of Assets	Opening Balance	Additions	Retirement of	Closing balance
		Actual	Actual	
Old Assets	146.14			146.14
REC Old Scheme	86.28	8.98		95.26
NABARD Scheme	196.69	1.67		198.36
REC New Scheme	82.80	1.44		84.24
REC IV	24.26	22.85		47.11
REC V	53.04	59.41		112.45
REC VI		-		-
REC VII		-		-
REC VIII		-		-
REC IX		4.48		4.48
REC XI		16.91		16.91
Planned Schemes funded by PFC/REC	33.06	0.58		33.64
Grants, Deposit Works, etc.	62.34	1.47		63.81
Other Than Schemes (SI)	11.97	4.72		16.69
Less: Deletions	(42.28)	(3.45)		(45.73)
<b>Total</b>	<b>654.29</b>	<b>119.07</b>	<b>-</b>	<b>773.36</b>

**FY 2013-14**

Particulars of Assets	Opening Balance	Additions during the year	Retirement of Assets during the year	Closing balance
Old Assets	146.14			146.14
REC Old Scheme	95.26			95.26
NABARD Scheme	198.36			198.36
REC New Scheme	84.24			84.24
REC IV	47.11			47.11
REC V	112.45			112.45
REC VI	-			-
REC VII	-			-
REC VIII	-			-
REC IX	4.48			4.48
REC XI	16.91			16.91
Planned Schemes funded by PFC/REC	33.64		-	33.64
Grants, Deposit Works, etc.	63.81			63.81
Other Than Schemes (SI)	16.69			16.69
Less: Deletions	(45.73)			(45.73)
<b>Total</b>	<b>773.36</b>	<b>117.98</b>	<b>-</b>	<b>891.34</b>

**FY 2014-15**

Particulars of Assets	Opening Balance	Additions during the year	Retirement of Assets during the year*	Closing balance
Old Assets	146.14			146.14
REC Old Scheme	95.26			95.26
NABARD Scheme	198.36			198.36
REC New Scheme	84.24		13.61	70.63
REC IV	47.11			47.11
REC V	112.45			112.45
REC VI	-			-
REC VII	-			-
REC VIII	-			-
REC IX	4.48			4.48
REC XI	16.91			16.91
Planned Schemes to be funded by PFC/REC	33.64			33.64
Grants, Deposit Works, etc.	63.81			63.81
Other Than Schemes (SI)	16.69	12.86		29.55
Less: Deletions	(45.73)			(45.73)
<b>Total</b>	<b>891.34</b>	<b>180.63</b>	<b>13.61</b>	<b>1,058.37</b>
*SLDC assets				

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 9.2

Intra State Transmission

Deposit works and grants/subsidies towards cost of

S.No.	Particulars	2011-12 (as per MYT Order)			(2012-13)		(2013-14)		(2014-15)	
		Balance at the start of the year	Additions during the year	Closing Balance	Additions during the year	Closing Balance	Additions	Closing Balance	Additions	Closing Balance
1	Consumer Contribution/Deposit works towards cost of capital assets	39.32	23.02	62.34	1.47	63.81	-	63.81	-	63.81
2	Grants/subsidies towards cost of capital assets			-		-		-		-
	<b>Total</b>	<b>39.32</b>	<b>23.02</b>	<b>62.34</b>	<b>1.47</b>	<b>63.81</b>	<b>-</b>	<b>63.81</b>	<b>-</b>	<b>63.81</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Statement of GFA funded through Deposit Works/Capital Subsidy/Grant

Form 9.3

FY 2012-13

Particulars of Assets	Opening Balance	Additions during the	Retirement of Assets	Closing balance
Land				
Building				
Civil Works				
Hydraulic Works				
Lines, Cables, Networks etc.				
Vehicles				
Furniture and Fixtures				
Office Equipments				
Station supplies				
Others				

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 9.4

Statement of GFA excluding Assets funded through Deposit Works/Capital Subsidy/Grant

FY 2012-13

Particulars of Assets	Opening Balance	Additions during the year	Retirement of Assets during the year	Closing balance
Land	N.A.			
Building				0
Civil Works				0
Hydraulic Works				0
Lines, Cables, Networks etc.				0
Vehicles				0
Furniture and Fixtures				0
Office Equipments				0
Station supplies				0
Others				0

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 10.1

## Asset Wise Depreciation

FY 2012-13

Particulars of Assets	Opening GFA 2012-13	Additions during the year	Closing Assets	Depreciation
Land	39.30	1.53	40.83	1.09
Building	45.14	21.53	66.67	0.93
Civil Works	2.99	2.25	5.25	0.08
Hydraulic Works	1.19	0.16	1.35	0.02
Plant and Machinery	383.12	82.57	465.70	14.33
Lines, Cables, Networks etc.	465.83	13.72	479.55	11.48
Vehicles	0.77	0.07	0.84	0.00
Furniture and Fixtures	1.13	0.55	1.68	0.07
Office Equipments	1.42	0.14	1.56	0.09
Station supplies				
Others				
<b>Total</b>	<b>940.91</b>	<b>122.52</b>	<b>1,063.42</b>	<b>28.09</b>

Depreciation Rate for FY 2012-13

2.99%

Intra State Transmission

Depreciation for FY 2012-13

As per UERC Tariff Regulations 2004

Particulars	Opening GFA as on 1.4.2011	Grants	Depreciable Opening GFA	Additions in FY 2012-13	Grants	Depreciable GFA of Additions	Total Depreciation (2.99% of avg GFA)
Old Assets	146.14		146.14	-		-	4.36
REC Old Scheme	86.28		86.28	8.98		8.98	2.71
NABARD Scheme	196.69		196.69	1.67		1.67	5.90
REC New Scheme	82.80		82.80	1.44		1.44	2.49
REC IV	24.26		24.26	22.85		22.85	1.07
REC V	53.04		53.04	59.41		59.41	2.47
REC-VI	-		-	-		-	-
REC-VII	-		-	-		-	-
REC-VIII	-		-	-		-	-
REC-IX	-		-	4.48		4.48	0.07
REC-XI	-		-	16.91		16.91	0.25
Planned Schemes to be funded by PFC/REC	33.06		33.06	0.58		0.58	1.00
Grants, Deposit Works, etc	62.34	62.34	-	1.47	1.47	-	-
Other than schemes	11.97		11.97	4.72		4.72	0.43
Less: Deletion	(42.28)		(42.28)				(1.23)
<b>Total</b>	<b>654.30</b>	<b>62.34</b>	<b>591.96</b>	<b>122.52</b>		<b>121.05</b>	<b>19.51</b>

Depreciation for FY 2013-14

As per UERC Tariff Regulations 2011

Particulars	Opening GFA as on 1.4.2013	Grants	Depreciable Opening GFA	Additions in FY 2013-14	Grants	Depreciable GFA of Additions	Total Depreciation (5.28% of avg GFA)
Old Assets	146.14		146.14				
REC Old Scheme	95.26		95.26				
NABARD Scheme	198.36		198.36				
REC New Scheme	84.24		84.24				
REC IV	47.11		47.11				
REC V	112.45		112.45				
REC-VI	-		-				
REC-VII	-		-				
REC-VIII	-		-				
REC-IX	4.48		4.48				
REC-X	16.91		16.91				
Planned Schemes to be funded by PFC/REC	33.64		33.64				
Grants, Deposit Works, etc	63.81	63.81	-				
Other than schemes	16.69		16.69				
Less: Deletion	(45.74)		(45.74)				
<b>Total</b>	<b>773.36</b>	<b>63.81</b>	<b>709.55</b>	<b>117.98</b>	<b>-</b>	<b>117.98</b>	<b>40.58</b>

**Depreciation for FY 2014-15**

Particulars	Opening GFA as on 1.4.2014	Grants	Depreciable Opening GFA	Additions in FY 2014-15	Grants	Depreciable GFA of Additions	Total Depreciation (5.28% of avg GFA)
Old Assets	146.14		146.14	167.77			
REC Old Scheme	95.26		95.26				
NABARD Scheme	198.36		198.36				
REC New Scheme	84.24		84.24				
REC IV	47.11		47.11				
REC V	112.45		112.45				
REC-VI	-		-				
REC-VII	-		-				
REC-VIII	-		-				
REC-IX	4.48		4.48				
REC-X	16.91		16.91				
Planned Schemes to be funded by PFC/REC	33.64		33.64				
Grants, Deposit Works, etc	63.81	63.81	-	-			
Other than schemes	16.69		16.69	12.86			
Less: Deletion	(45.74)		(45.74)				
Less: SLDC	(13.61)		(13.61)				
<b>Total</b>	<b>877.73</b>	<b>63.81</b>	<b>813.92</b>	<b>180.63</b>		<b>180.63</b>	<b>47.74</b>



Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 10.2

**Statement of Depreciation**

Financial Year	2012-13	2013-14	2014-15	2015-16
<b>Depreciation on Capital Cost</b>				
Depreciation on Additional Capitalisation	N.A.			
Amount of Additional Capitalisation				
Depreciation Amount				
<b>Detail of FERV</b>				
Amount of FERV on which Depreciation is charged				
Depreciation Amount				
Depreciation recovered during the year				
Advance against Depreciation recovered during the year				
Depreciation and Advance against Depreciation recovered during the year				
<b>Cumulative Depreciation and Advance Against Depreciation recovered upto the year</b>				

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 11.1

## Statement of Capital Expenditure

Particulars	FY 2013-14	FY 2014-15
	Projected	Projected
A) Expenditure Details		
REC Old Scheme	5.97	3.95
REC New Scheme	34.37	8.35
REC-IV scheme	44.20	-
REC-V Scheme	-	-
REC-VI Scheme	10.40	18.00
REC-VII Scheme	7.93	33.41
REC-VIII Scheme	-	19.70
REC-IX Scheme	-	-
REC-X Scheme	20.07	95.56
Other System Improvement works	60.61	86.19
<b>Total (As approved in the MYT Tariff Order)</b>	<b>183.54</b>	<b>265.16</b>
Additional Capital Expenditure		12.86
<b>Grand Total</b>	<b>183.54</b>	<b>278.02</b>
Capitalization		
As per MYT Order	#REF!	#REF!
Additional Capitalization	#REF!	#REF!
<b>Total Capitalization</b>	<b>#REF!</b>	<b>#REF!</b>
B) Break up of sources of financing		
Rupee Term Loan		
As per MYT Order +Additional Capitalization	#REF!	#REF!
Equity		
In Rupees	#REF!	#REF!
{As per MYT Order +Additional Capitalization}		
Others		
Total (B)	#REF!	#REF!

Name of Transmission Licensee: PTCUL  
 All figures in Rs. Crores  
 Form 11.2

Statement of Capital Works in Progress  
 Intra State Transmission Schemes

S.No	Particulars	FY of Capitalisation	(2011-12)	(2012-13)	FY 2013-14	FY 2014-15
			Approved in MYT Order	Total (Apr-Mar)	Projected	Projected
1	Opening balance of CWIP		299.83	139.90	154.42	219.98
2	Add: New Investment					
	Capital Expenditure		91.77	137.04	183.54	278.02
	Expenses Capitalised					
	Interest During Construction				0.00	0.00
3	Less: Investment Capitalised		251.70	122.52	117.98	180.63
4	Closing Balance of CWIP		139.90	154.42	219.98	317.37

Name of Transmission Licensee: PTCUL

Form 11.4

All figures in Rs. Crores

Intra State Transmission

Break-up of Scheme-wise Capital Expenditure for Existing and New Schemes

Name of the Line/Sub-Station

Particulars	Total Expenditure Approved by UERC for the control period	Equity (%)	Total Expenditure Incurred during April-Sep 2013	Total Expenditure supposed to be incurred in FY 14, as per the approved plan	Proposed as per Plan	
					FY 2013-14	FY 2014-15
1	2		6	7	10	11
<b>A) Expenditure Details</b>						
Old Assets	-					
REC Old Scheme	9.92	24.50%	4.13	5.97	5.97	3.95
NABARD Scheme	-	22%	0.02	-		
REC New Scheme	42.72	0	13.37	34.37	34.37	8.35
REC IV	44.20	30%	19.80	44.20	44.20	-
REC V	-	30%	0.01	-	-	-
REC VI	34.64	30%		10.40	10.40	18.00
REC VII	64.38	30%		7.93	7.93	33.41
REC VIII	35.18	30%		-	-	19.70
REC IX	-	30%		-	-	-
REC X	115.63	30%		20.07	20.07	95.56
Planned Schemes to be funded by	-	30%		-		
REC Augment	160.80			60.61	60.61	86.19
NEW PFC Intra state	-			-		
Grants, Deposit Works, etc.	-			-		
Additional Capital R&M Schemes		30%		-		12.86
Deletion of assets	-			-		
<b>Total (A)</b>	<b>507.47</b>		<b>37.32</b>	<b>183.54</b>	<b>183.54</b>	<b>278.02</b>
				-		
<b>B) Break up of sources of financing</b>						
a) Loans/Borrowings	425.82		26.05	157.30	157.30	223.19
b) Equity	94.50		11.28	26.24	26.24	54.83
c) Others				-		
<b>Total (B)</b>	<b>520.32</b>		<b>37.33</b>	<b>183.54</b>	<b>183.54</b>	<b>278.02</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 13(a Intra State Transmission

Details of Capital Cost and Financing Structure

Year Ending March	FY 2012-13	FY 2013-14	FY 2014-15
	Estimated	Projected	Projected
<b>Basic Project Financial Parameters</b>			
Capital Cost	654.29	773.36	891.34
Addition during the year (excluding IDC)	122.52	117.98	180.63
Deletion during the year	(3.45)	-	-
<b>Gross Capital Cost (A)</b>	<b>773.36</b>	<b>891.34</b>	<b>1,071.97</b>
Equity against Original Project Cost	35.45	68.65	91.04
Addition during the year	33.20	22.39	35.70
Equity Sub total (B)	68.65	91.04	126.74
Debt outstanding against the original Capital Cost	299.61	384.17	479.76
New loans added during the year	84.56	95.59	144.93
Debt Sub-Total ©	384.17	479.76	624.69
Grants against original project cost	62.34	63.81	63.81
Addition during the year	1.47	-	-
Grants Sub-Total (D)	63.81	63.81	63.81
<b>Total Financing (B+C+D)</b>	<b>516.63</b>	<b>634.61</b>	<b>815.25</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 14

Intra State Transmission

Details of Financial Packages

FY 2012-13

Actual

Sources of Funds	Scheme	Amount as per Audited Accounts	Terms of Repayment	Grace Period	Interest Rate/ Return on Equity	% of Total Debt
		(Rs. In Crore)	(Years)	(Years)	(%)	(%)
(A) Debt						
Indian:						
REC Old Scheme		36.81			10.8%	7%
NABARD Scheme		43.62			6.5%	8%
REC-II Scheme		73.26	10	3	9.3%	14%
REC-III Scheme		70.42	10	3	11.5%	14%
REC-IV Scheme		68.10	10	3	12.5%	13%
REC-V Scheme		62.74	10	3	11.0%	12%
REC 6					12.0%	0%
REC 7						0%
REC 8						0%
REC 9			10	3	13.0%	0%
REC 10		1.82	10	3	13.0%	0%
REC 11		12.13	10	3		2%
New PFC		98.30			11.5%	19%
REC Augment		47.80	10	3	13.0%	9%
<b>Total Loan (A)</b>		<b>514.99</b>				100%
(B) Equity						
Foreign:						
Indian:		68.65			14%	
<b>Total Equity (B)</b>		<b>68.65</b>				
© Grants						
Foreign:						
Indian:		63.81				
Total Grant ©		63.81				
<b>Total Financing (A+B+C)</b>		<b>647.46</b>				

Financing of Capex for the FY 2013-14 and FY 2014-15 has been considered as approved by the Commission in the MYT order. The actual would be provided to the Commission at the time of true-up of respective years

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 15.1

Details of Financial Packages

FY 2012-13

As per Audited Accounts

Loan Agency (Source of Loan)	Rate of Interest (%)	Repayment period (years)	Balance at the beginning of the year	Amount received during the year	Principle due during the year	Principal redeemed during the year	Principle overdue at the year end	Principle Due at the year end
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9) = (4) + (5) +(6)
A. Other than State Govt.								
NABARD Loan	6.50%		80.91	-		37.29		43.62
REC Loan	11.12%		309.27	68.07		30.37		346.96
PFC Loan	11.39%		94.23	30.68		0.50		124.41
REC STL	12.75%		8.73	23.00		4.36		27.36
<b>Sub Total (A)</b>			<b>493.14</b>	<b>121.75</b>	<b>-</b>	<b>72.53</b>	<b>-</b>	<b>542.35</b>
B. Government Loans								
Type 1								
Type 2								
Type 3 etc.								
Sub Total (B)			-	-	-	-	-	-
Sub Total (A+B)			493.14	121.75	-	72.53	-	542.35
C. Normative Loans								
<b>Total (A+B+C)</b>			<b>493.14</b>	<b>121.75</b>	<b>-</b>	<b>72.53</b>	<b>-</b>	<b>542.35</b>

**Ensuing year 2013-14**

Loan Agency (Source of Loan)	Rate of Interest (%)	Repayment period (years)	Balance at the beginning of the year	Amount received during the year	Principle due during the year	Principal redeemed during the year	Principle overdue at the year end	Principle Due at the year end
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9) = (4) + (5) +(6)
A. Other than State Govt.								
Loan 1 (name of lender)								
Loan 2 (Name of Lender)								
Loan 3 etc.								
<b>Sub Total (A)</b>			<b>542.35</b>	<b>95.59</b>	<b>-</b>	<b>40.58</b>	<b>-</b>	<b>597.37</b>
B. Government Loans								
Type 1								
Type 2								
Type 3 etc.								
Sub Total (B)			-	-	-	-	-	-
Sub Total (A+B)			542.35	95.59	-	40.58	-	597.37
C. Normative Loans								
Total (A+B+C)			542.35	95.59	-	40.58	-	597.37

**Ensuing Year 2014-15**

Loan Agency (Source of Loan)	Rate of Interest (%)	Repayment period (years)	Balance at the beginning of the year	Amount received during the year	Principle due during the year	Principal redeemed during the year	Principle overdue at the year end	Principle Due at the year end
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9) = (4) + (5) +(6)
A. Other than State Govt.								
Loan 1 (name of lender)								
Loan 2 (Name of Lender)								
Loan 3 etc.								
<b>Sub Total (A)</b>			<b>597.37</b>	<b>144.93</b>	<b>-</b>	<b>47.74</b>	<b>-</b>	<b>694.56</b>
B. Government Loans								
Type 1								
Type 2								
Type 3 etc.								
Sub Total (B)			-	-	-	-	-	-
Sub Total (A+B)			597.37	144.93	-	47.74	-	694.56
C. Normative Loans								
Total (A+B+C)			597.37	144.93	-	47.74	-	694.56

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 15.2

Calculation of Weighted Average Interest Rate of Interest on Actual Loans

Particulars	FY 2012-13	FY 2013-14
	Actuals	Actual 6 months
<b>REC Loan</b>		
Net Loan - Opening	309.27	346.96
Add: Drawl(s) during the year	68.07	13.37
Less: Repayment(s) of Loan during the year	30.37	1.29
Net Loan - Closing	346.96	359.04
Average Net Loan	328.11	353.00
Rate of Interest on Loan on Annual Basis	11.1%	11.7%
Interest on Loan	36.50	20.74
<b>NABARD Loan</b>		
Net Loan - Opening	80.91	43.62
Add: Drawl(s) during the year	-	-
Less: Repayment(s) of Loan during the year	37.29	5.05
Net Loan - Closing	43.62	38.57
Average Net Loan	62.27	41.09
Rate of Interest on Loan on Annual Basis	7.4%	6.7%
Interest on Loan	4.63	1.37

Particulars	FY 2012-13	FY 2013-14
	Actuals	Actual 6 months
<b>REC Loan</b>		
<b>PFC Loan</b>		
Net Loan - Opening	94.23	124.41
Add: Drawl(s) during the year	30.68	-
Less: Repayment(s) of Loan during the year	0.50	0.94
Net Loan - Closing	124.41	123.47
Average Net Loan	109.32	123.94
Rate of Interest on Loan on Annual Basis	11.4%	12.7%
Interest on Loan	12.45	7.90
<b>REC STL</b>		
Net Loan - Opening	8.73	27.36
Add: Drawl(s) during the year	23.00	-
Less: Repayment(s) of Loan during the year	4.36	13.68
Net Loan - Closing	27.36	13.68
Average Net Loan	18.05	20.52
Rate of Interest on Loan on Annual Basis	4.7%	11.8%
Interest on Loan	0.85	1.21

Particulars	FY 2012-13	FY 2013-14
	Actuals	Actual 6 months
<b>REC Loan</b>		
<b>Total Loan</b>		
Net Loan - Opening	493.14	542.35
Add: Draw(s) during the year	121.75	13.37
Less: Repayment(s) of Loan during the year	72.53	20.96
Net Loan - Closing	542.35	534.76
Average Net Loan	517.75	538.56
Rate of Interest on Loan on Annual Basis		
Interest on Loan	54.44	31.22
<b>Weighted Average Rate of Interest on Loans</b>	10.5%	11.6%

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 15.3

## Calculation of Interest on Normative Loan

## Intra State Transmission

Particulars	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
	As approved in MYT Order	As per Actual	Projected	Projected
Gross Normative Loan - Opening				
Cumulative payments of Normative Loan upto Previous year				
Net Normative Loan - Opening	205.65	299.61	311.64	366.65
Less: SLDC Loan				13.61
Increase or Decrease during the year	131.41	84.56	95.59	144.93
Less: Repayment of Normative Loan during the year	37.45	72.53	40.58	47.74
<b>Net Normative Loan - Closing</b>	<b>299.61</b>	<b>311.64</b>	<b>366.65</b>	<b>450.23</b>
Average Normative Loan	252.63	305.62	339.14	408.44
Weighted Average rate of interest on actual loan on annual basis	10.2%	10.5%	11.6%	11.6%
Interest on Normative loan	25.77	32.13	39.32	47.35
Interest Charged to Capital (IDC)				
Interest charged to revenue	25.77	32.13	39.32	47.35
Guarantee Fee	1.36	0.89	1.29	1.74

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 16: Interest and Finance Charges

Intra State Transmission

S No.	Loan Details	FY 2012-13	2013-14	2014-15
		Total (Apr-Mar)	Projected	Projected
<b>B</b>	<b>Interest on Long Term Loans/Credits from the Fis/Banks/Organizations approved by the state Govt.</b>			
	NABARD Loan	4.63		
	REC Loan	36.50		
	PFC Loan	12.45		
	REC STL	0.85		
	<b>Sub-Total B</b>	<b>54.44</b>		
<b>C</b>	<b>Normative Loans</b>			
<b>D</b>	<b>Total Interest Charges (Considering Normative Loans)*</b>	<b>32.13</b>	<b>39.32</b>	<b>47.35</b>
<b>E</b>	<b>Cost of raising finance &amp; bank charges on project loans</b>			
<b>F</b>	<b>Grand Total of Interest &amp; Finance Charges: D+E</b>	<b>32.13</b>	<b>39.32</b>	<b>47.35</b>
<b>G</b>	<b>Less: Interest &amp; Finance Charges chargeable to Capital Account</b>	0.00	0.00	0.00
<b>H</b>	<b>Total Interest and finance charges chargeable to revenue account (F-G)</b>	<b>32.13</b>	<b>39.32</b>	<b>47.35</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 17

Details of Interest on Working Capital

**Intra State Transmisson**

S No.	Particulars	(2012-13)	(2013-14)	(2014-15)
		Total (Apr-Mar)	Projected	Projected
1	O&M Expenses for a month	7.01	#REF!	#REF!
2	Spares (15% of annual O&M Expenses)	9.94	#REF!	#REF!
3	Receivables - 2 Months	30.19	33.29	39.23
4	Total working Capital (1+2+3)	47.14	#REF!	#REF!
5	Working Capital Loan	47.14	#REF!	#REF!
6	Normative Interest Rate (%)	14.75%	14.45%	14.45%
7	Normative Interest on Working Capital (5 X 6)	<b>6.95</b>	<b>#REF!</b>	<b>#REF!</b>

Interest on Additional Funding (TDS impact)		2012-13	2013-14	2014-15
	Opening Outstanding of Transmission Charges	-	15.13	34.69
	Addition during the Year (10% of ARR)	15.13	19.56	23.54
	Adjustment at the time of assessment	-		15.13
	Closing Outstanding	15.13	34.69	43.10
	Interest Rate on Short-term WC loans	14.75%	14.45%	14.45%
	Addition WC interest liability	1.12	3.60	5.62

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 18

Investment Plan

Part A: Proposed Transmission Works					
S. No.	Name of the Transmission Line & Associated Substations	Length of Line (Ckt.Kms.)/ S/S CAP. (MVA)	Estimated Cost (Rs. Crores)	Scheduled Date of Completion	Completion Programme/Remarks
		2	3	4	5
I	400 kV Lines				6
	<b>Sub Total (I) (400 kV Lines)</b>				
II	400 kV Sub Stations				
	<b>Sub Total (II) (400 kV S/S)</b>				
III	220 kV Lines:				
	<b>Sub Total (III) (220 kV Lines)</b>				
IV	220 kV Sub Stations				
	<b>Sub Total (IV) (220 kV S/S)</b>				
V	132 kV Lines:				
	<b>Sub Total (V) (132 kV Lines)</b>				
VI	132 kV Sub Stations				
	<b>Sub Total (VI) (132 kV S/S)</b>				
VII	Misc. Works				
	1				
	2				
	3				
	<b>Sub Total (VII) (Misc. Works)</b>				
	<b>Grand Total (I..VII)</b>				

Considered as per the approved Business Plan for PTCUL

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Investment Plan

## Part A: Actual Transmission Works Capitalized in FY 2012-13

S. No.	Name of Scheme	Amount Capitalized
1	2	3
a	REC II	1.44
b	REC I & III	8.98
c	NABARD	1.67
d	REC IV	22.85
e	REC V	59.41
f	REC XI	16.91
g	REC IX	4.48
h	PFC	0.58
i	<b>TOTAL</b>	<b>116.33</b>
j	Add:- Capital R&M works	4.72
k	Add:- Deposit works	1.47
<b>I</b>	<b>Total Capitalisation</b>	<b>122.52</b>

**Name of Transmission Licensee: PTCUL****All figures in Rs. Crores****Status of Physical/Financial progress & capital expenditure incurred up to 31st August, 2013****Part A: Progress upto August 2013**

Sr. No.	Name of Scheme	Name of Work	UITP/Non-UITP	Actual/Proposed completion date	Project Cost/ Revised Project Cost	Target Date of Completion	Capital Expenditure up to 31st August, 2013	Progress
1	ADB Schemes	400 KV S/s Srinagar (400/220 kV – 2x315 MVA; 220/132 kV – 2x160 MVA)	UITP	Mar-14	172.08	Sep-13	88.41	73%
2		220 KV Tapovan – Joshimath	UITP	Oct-13	33.47	Mar-14	2.46	10%
3		220 KV Joshimath - Pipalkoti Line	UITP	Oct-13	88.25	Jun-14	6.06	
4	REC Old	Construction of 132 kV Srinagar-Satpuli Line	Non-UITP	Energised on 26.6.2013	54.23	Feb-13	57.21	100%
5	REC New	Construction of 132 KV Bay Ranikhet-Pithoragarh	Non-UITP	Energised on 24-09-2012	1.68		0.84	100%
6		LILO of 132 kV Almora - Pithoragarh line at 220 kV S/s at Pithoragarh (Power Grid)	Non-UITP	Sep-13	5.46	Mar-13	7.64	90%
7		Construction of 132 kV S/s Srinagar-II	Non-UITP	Dec-13	19.77	Jun-13	14.13	18%
8		Construction of SLDC at Rishikesh and 2 Nos Sub SLDC at Kashipur and Dehradun and its associated communication network	Non-UITP	Completed on May-13	16.11		9.34	90%
9	REC-IV	18 No. 33KV Bays	Non-UITP	-	2.73		0.80	100%
10		132 KV bay at Kicha.	Non-UITP	Energised on 15-02-12	0.67		0.67	100%
11		132 KV S/S Sitarganj (SIDCUL) 80MVA	Non-UITP	Energised on 9-10-12	18.04	Energised on 9.10.2012	15.72	100%
12		132 KV DC Line from 132 kV S/S Sidcul to 132 kV Sitarganj Kicha line	Non-UITP	Sep-13	9.00	Energised on 9.10.2012	8.32	95%

Sr. No.	Name of Scheme	Name of Work	UITP/Non-UITP	Actual/Proposed completion date	Project Cost/ Revised Project Cost	Target Date of Completion	Capital Expenditure up to 31st August, 2013	Progress
13		132 KV Purkul - Bindal Link Line (11.5KM)	Non-UITP	Dec-13	5.24	Mar-13	4.20	53%
14		LILO of 220 KV Khodri-Rishikesh Line at 220 KV Dehradun	Non-UITP	Sep-13	1.09	Mar-13	0.55	40%
15	REC-IV	220 KV S/S Dehradun (320 MVA) involving works of (2x160 MVA of 220/132 and 2x40 MVA of 132/33kV)	Non-UITP	Oct-13	51.73	Jun-13	37.03	85%
16		LILO of 132 KV Purkul - Dhalipur line at 220 KV Dehradun (2.5 Km)	Non-UITP	Nov-13	0.8	Jun-13	-	
17		LILO of 132 KV Kulhal - Mazra line at 220 KV Dehradun	Non-UITP	Nov-13	0.8	Jun-13	-	
18		132 KV S/S Haridwar Road Dehradun (80 MVA)	Non-UITP	Dec-13	24.93	Jun-13	3.81	65%
19		LILO of 132 KV Mazra - Rishikesh Line at 132 KV Dehradun	Non-UITP	Sep-13	1.74	Jun-13	0.08	30%
20	REC-V	220 kV DC Line from 400 KV Kashipur S/S to 220 kV Mahuakheraganj (10Km)	Non-UITP	Sep-13	15.45	Mar-13	12.64	82%
21		2 Nos. 132 KV Bay at Purkul & Bindal	Non-UITP	Sep-13	1.91		1.38	132 KV Bay at Bindal energized on 12.05.2011
22		2 No. 220KV BAY AT 400 kv s/S Kashipur	Non-UITP	Sep-13	5.48		3.59	95%
23	REC-IX	Stringing of 2nd Circuit of Berhani-Pantnagar Line	Non-UITP	Energised on 31-01-13	8.74	Mar-13	4.50	100%
24	System Improvement	220 KV S/s Roorkee by 220/33 KV 2x50 MVA Transformer alongwith 220 KV & 33 KV bays	Non-UITP	Completed on Oct-12	11.42		11.42	100%
25	System Improvement	Increasing capacity of 440/220 KV Rishikesh S/s from 2x240 MVA to 1x240+1x315 MVA	Non-UITP	Sep-13	12.50		8.00	100%

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 20

Summary for Truing Up

**Provisional Truing-up FY 2012-13**

S. No.	Particulars	Approved	Actual	Variation	Reasons for Variation
a)	Repair & Maintenance	13.45	20.51		FY10-11 base considered for projection. Asset addition of approx Rs. 360 Cr during FY12 & FY13
b)	Employees Cost	58.75	49.40		No arrears in the FY 12-13
c)	Admin & General Expenses	14.27	14.14		
d)	Add O&M for new assets	1.79			
<b>1</b>	<b>Total O&amp;M</b>	<b>88.26</b>	<b>84.06</b>	<b>4.20</b>	
2	Depreciation	16.59	19.51	(2.92)	Based on approved closing assets for FY 2011-12 and addition during FY12-13
3	Interest & Finance Charges	25.31	32.13	(6.82)	No capex considered, hence loan was approved to be reducing
4	Prior Period Expenses	-	-	-	
5	Interest on Working Capital	5.74	6.95	(1.21)	Actual SBI PLR being 14.50% as compared with approved 13.25%
6	Guarantee Fee	3.93	0.89	3.04	
7	Interest on Additional WC due to TDS		1.12	(1.12)	10% deduction of TDS by UPCL
8	Advance against Depreciation	21.21	33.05	(11.84)	On account of higher repayment of loans
<b>9</b>	<b>Total Expenditure</b>	<b>161.04</b>	<b>177.71</b>	<b>(16.67)</b>	
10	Statutory Return/ RoE	0.17	4.96	(4.79)	Equity for assets capitalized during FY11-12 has been considered as the equity is not from PDF
<b>11</b>	<b>Revenue Required</b>	<b>161.22</b>	<b>182.68</b>	<b>(21.46)</b>	
12	Truing up for past years			-	
<b>13</b>	<b>Gross Revenue Requirement</b>	<b>161.22</b>	<b>182.68</b>	<b>(21.46)</b>	
14	Other Income	1.24	1.51	(0.27)	
<b>15</b>	<b>Net Revenue Required</b>	<b>159.98</b>	<b>181.17</b>	<b>(21.19)</b>	

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

**Form 21.1**

**Shunt Capacitor Addition/Repair Program**

S.No.	Particulars	Capacity (MVAR)
<b>Capacitor Additions</b>		
1	Total Capacitors requirement at the end of Previous year	375
2	Actual installed Capacitors at the end of Previous Year	325
3	Backlog/shortfall at the end of previous year (1-2)	50
4	Additional Requirement for the Current Year	40
5	Total Capacity required to be added during the current year (3+4)	90
6	Actual installed during first half of Current year	0
7	Target for the 2nd half of Current year	60
8	Total Capacitors likely to be added during Current Year (6+7)	60
9	Total capacity likely to be available by the end of current year (2+8)	385
10	Short fall if any (5-9)	10
<b>Repair of Defective Shunt Capacitors</b>		
11	At the end of the end of previous year	20
12	Net Capacity Available by the end of previous year (2-11)	305
13	Capacitors damaged during 1st half of the current year	20
14	Capacitors repaired during 1st half of the current year	20
15	Net Capacity Available by the end of 1st half of the year (12-13+14)	305
16	Target level of damaged capacitors by the end of current year	0
17	Net Capacity Likely to be Available by the end of current year (9-16)	385
18	Net Shortfall, by the end of the year (5-17)	10

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 21.2

Shunt Capacitor Addition/Repair Program

Type of Accident	No. of Accidents					
	Previous year (2012-13)			Current year (2013-14)		
	FATAL	NON FATAL	Total	FATAL	NON FATAL	Total
HUMAN	0	0	0	1	0	1
ANIMAL	0	0	0	1	0	1
Total	0	0	0	2	0	2

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 21.3

Failure of Transformers

Sl. No.	Item	Preceding Year (2012-13)			Current Year (2013-14) 6 months		
		No. of Transformers	No. of Failures	Total Duration of Failure (Hrs)	No. of Transformers	No. of Failures	Total Duration of Failure (Hrs)
<b>Transformation Ratio</b>							
1	Transformation Ratio 1 (400/220)	3	0	0	3	0	0
2	Transformation Ratio 2 (220/132)	14	0	0	14	0	0
3	Transformation Ratio 3 (220/33)	4	0	0	4	0	0
4	Transformation Ratio 4 (132/33)	68	0	0	68	0	0
5	Transformation Ratio 5 (132/66)	5**	0	**	5**	0	**
<b>Average duration of Interruption</b>							
6	Average duration of interruption per transformer for transformation ratio 1	-	-	-	-	-	-
7	Average duration of interruption per transformer for transformation ratio 2	-	-	-	-	-	-
8	Average duration of interruption per transformer for transformation ratio 3	-	-	-	-	-	-
9	Average duration of interruption per transformer for transformation ratio 4	-	-	-	-	-	-
10	Average duration of interruption per transformer for transformation ratio 5	-	-	**	-	-	-

\*\* 132/66kV, 20MVA T/F's had its 132kV and 66kV bushings damaged on 04.05.2012. Ratio conversion on the same to 132/33kV, 20MVA is under process

**POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD., DEHRADUN**

**Annexure II : WORK- WISE DETAIL OF ADDITIONAL CAPITALISATION DURING THE YEAR 2012-13**

*(figures in Rs. lacs)*

NAME OF UNITS	Name of Work/ Asset	Name of Scheme	Amount	Debt (Capital R&M PFC)	Equity from GoU	Internal resources
ETD DEHRADUN	Contraction of relining wall & security fencing at 132 KV Purkul	Cap. R&M	9.92	6.95	2.98	
	Revetment wall of tower no. 132A of 220 KV Khodri-RKS line	Cap. R&M	5.77	4.04	1.73	
	Revetment wall 132 KV Purkul-Dhalipur line	Cap. R&M	9.39	6.57	2.82	
	Revetment wall 220 KV Khodri-RKS line	Cap. R&M	1.15	0.81	0.35	
	Revetment wall 220 KV Chibro-Khodri line	Cap. R&M	11.37	7.96	3.41	
	Revetment wall Tower No 132(A) Kulhal Majra line	Cap. R&M	7.78	5.45	2.34	
	Installation LED lights	Cap. R&M	0.10	0.07	0.03	
	LED, LED light	Cap. R&M	5.02	3.51	1.50	
	Transfer from Stock A/c & others	Cap. R&M	15.97	11.18	4.79	
		<b>TOTAL</b>		<b>66.46</b>		
ETD HALDWANI	T&P	Cap. R&M	11.95			11.95
	furniture and fixture	Cap. R&M	0.31			0.31
	<b>TOTAL</b>		<b>12.25</b>			
ETD RISHIKESH	245 KV SF-6 Circuit Breaker (1 No.)	Cap. R&M	13.05	9.13	3.91	
	245 KV SF-6 Circuit Breaker (5 No.)	Cap. R&M	65.23	45.66	19.57	
	<b>TOTAL</b>		<b>78.27</b>			
ECD HALDWANI	construction of store division office at 220 kv s/s kama	Cap. R&M	22.31			22.31
	construction of store division office at 220 kv s/s pantn	Cap. R&M	22.98			22.98
	<b>TOTAL</b>		<b>45.29</b>			
400 KV RISHIKESH	Clamp of Moose Conductor , and T&P Items	Cap. R&M	30.56	21.39	9.17	
	Water Purify	Cap. R&M	0.23			0.23
	Line Revetment	Cap. R&M	47.86	33.50	14.36	
	Establizer for AC	Cap. R&M	0.95			0.95
	Split AC for Control Room	Cap. R&M	5.37			5.37
	T&P for Erector Hostel	Cap. R&M	0.71			0.71
	Desktop (Computer)	Cap. R&M	0.46			0.46
	<b>TOTAL</b>		<b>86.14</b>			
400 KV KASHIPUR	Transfer from Stock A/c & others	Cap. R&M	0.32			0.32
ECD ROORKEE	Office Building	Cap. R&M	99.27			99.27
ET&C HALDWANI	T&P	Cap. R&M	2.48			2.48
E T&C ROORKEE	Automatic Relay Test Kit (CMC-356)	Cap. R&M	25.65			25.65
O&M Div, Srinagar	Transfer from Stock A/c & others	Cap. R&M	3.63			3.63
		Cap. R&M	0.05			0.05
	<b>TOTAL</b>		<b>3.68</b>			
220 KV Pantnager	T&P	Cap. R&M	4.27			4.27
	Fire fighting system at Pantnagar S/s	Cap. R&M	46.87	32.81	14.06	
	<b>TOTAL</b>		<b>51.14</b>			
220 KV O&M Haridwar	Furniture & Fixture	Cap. R&M	0.31			0.31
	Computer	Cap. R&M	0.46			0.46
	<b>TOTAL</b>		<b>0.78</b>			
	<b>GRAND TOTAL</b>		<b>471.73</b>	<b>189.01</b>	<b>81.00</b>	<b>201.72</b>

# POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD.

## STATEMENT OF SHARE CAPITAL RECEIVED FROM GOVERNMENT OF UTTARAKHAND

Sl. No.	G.O. NO. & DATE	PDF		UNDER ADB HEAD	DIRECTLY AS SHARE CAPITAL	UNDER REC-II HEAD	UNDER REC-III HEAD	UNDER REC-IV HEAD	UNDER REC-V HEAD	UNDER REC-X HEAD	UNDER REC-XI HEAD	UNDER PFC HEAD	TOTAL		
		REC	NABARD												
<b>2010-11</b>															
1	2521/I(2)/2010-07(1)/08/2009 dated 25/11/2010						28,045,000.00		21,955,000.00				50,000,000.00		
2	501/I(2)/2011-07/08/2009 dated 09/03/2011						8,555,000.00		92,645,000.00				101,200,000.00		
<b>TOTAL</b>				-	-	-	<b>36,600,000.00</b>	-	<b>114,600,000.00</b>	-	-	-	<b>151,200,000.00</b>		
<b>2011-12</b>															
1	946/I(2)/2011-07(1)/07/2006 dated 30/05/2011			16,300,000.00									16,300,000.00		
2	959/I(2)/2011-07(1)/08/2009 dated 31/05/2011						10,000,000.00		90,000,000.00				100,000,000.00		
3	1839/I(2)/2011-07(I)/119/2008 dated 13/09/2011											100,000,000.00	100,000,000.00		
4	2012/I(2)/2011-07(I)/07/2006 dated 14/10/2011			149,600,000.00									149,600,000.00		
5	2550/I(2)/2011-07(I)/07/2006 dated 28/12/2011			15,200,000.00									15,200,000.00		
<b>TOTAL</b>				<b>181,100,000.00</b>	-	-	<b>10,000,000.00</b>	-	<b>90,000,000.00</b>	-	-	<b>100,000,000.00</b>	<b>381,100,000.00</b>		
<b>2012-13</b>															
1	1207/I(2)/2012-07(1)/08/2009 dated 24/08/2012							5,000,000.00	6,000,000.00	0	27,166,000.00		38,166,000.00		
2	1084/I(2)/2012-07/03/2012 dated 20/09/2012			142,600,000.00									142,600,000.00		
3	2112/I(2)/2012-07(1)/08/2009 dated 27/12/2012							25,000,000.00	7,000,000.00	8,000,000.00	12,000,000.00		52,000,000.00		
4	117/I(2)/2013-07(1)/08/2009 dated 28/01/2013							12,300,000.00	5,000,000.00		7,034,000.00		24,334,000.00		
5	784(1)I(2)/2013-07(1)/08/2009 dated 28/03/2013					306,200,000.00							306,200,000.00		
<b>TOTAL</b>				-	-	<b>142,600,000.00</b>	-	<b>306,200,000.00</b>	-	<b>42,300,000.00</b>	<b>18,000,000.00</b>	<b>8,000,000.00</b>	<b>46,200,000.00</b>	<b>563,300,000.00</b>	
<b>GRAND TOTAL</b>				-	-	<b>323,700,000.00</b>	-	<b>306,200,000.00</b>	<b>46,600,000.00</b>	<b>42,300,000.00</b>	<b>222,600,000.00</b>	<b>8,000,000.00</b>	<b>46,200,000.00</b>	<b>100,000,000.00</b>	<b>1,095,600,000.00</b>