



**ORDER**

**OF**

**WEST BENGAL ELECTRICITY REGULATORY COMMISSION**

**IN THE MATTER OF**

**CASE NO: TP(R)-26/16-17**

IN RE REVIEW OF THE TARIFF ORDER DATED 21<sup>ST</sup> JULY, 2016 PASSED BY THE COMMISSION IN CASE NO. TP-58/13-14 IN RESPECT OF INDIA POWER CORPORATION LIMITED FOR THE YEARS 2014 – 2015, 2015 – 2016 AND 2016 – 2017 EMERGED UPON SCRUTINY OF THE SAID TARIFF ORDER.

**PRESENT:**

**SRI RABINDRANATH SEN, CHAIRPERSON**  
**SRI AMITAVA BISWAS, MEMBER**

**DATE: 17.02.2017**



In Re review of the tariff order dated 21<sup>st</sup> July, 2016 passed by the Commission in case no. TP-58/13-14 in respect of India Power Corporation Limited for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 emerged upon scrutiny of the said tariff order.

Noting by Office or Advocate	Sl No	Date	Office notes, reports orders or proceedings with signature
		17.02.2017	<p style="text-align: center;"><b><u>ORDER</u></b></p> <p>1.0 This is in regard to the letters no. (i) RA/II/002/16-17/1445 dated 01.08.2016, (ii) RA/II/002/16-17/1448 dated 08.08.2016, (iii) RA/II/002/16-17/1449 dated 09.08.2016 and (iv) RA/II/002/16-17/1451 dated 10.08.2016 followed by a petition dated 16.12.2016 submitted by India Power Corporation Limited (in short 'IPCL') raising some anomalies / mistake in the MYT order passed by the Commission vide dated 21.07.2016 in Case No. TP – 58/13-14, and seeking review of the tariff order dated 21.07.2016. The petition is admitted in case no. TP(R)-26/16-17.</p> <p>2.0 On scrutiny of the petition along with the letters submitted by IPCL, as mentioned in paragraph 1.0 above, the Commission is of the considered opinion that in the interest of all concerned such anomalies / mistakes in the MYT order dated 21.07.2016 passed by the Commission for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 in case no. TP-58/13-14, made inadvertently in the said tariff order, be corrected and an order incorporating all the amendments to the tariff order dated 21.07.2016 be issued, keeping in view the provisions of Section 94 of the Electricity Act, 2003. The Commission directed IPCL vide letter no. WBERC/TP(R)-26/16-17/2052 dated 05<sup>th</sup> January, 2017 to publish the gist of the review petition, as approved by the Commission, in the website and newspapers. The gist was, accordingly, published simultaneously on 07.01.2017 in 'Anandabazar Patrika', 'The Telegraph', 'Sanmarg', and 'Aajkaal'. The gist along with the review petition and tariff order dated 21.07.2016 was also posted in the website of IPCL. The publication invited the attention of all interested parties, stake holders and the members of the public to the review petition in respect of tariff order dated 21.07.2016 passed by the Commission in case no. TP-58/13-14 and requested for submission of suggestions, objections and comments, if any, on the review petition to the Commission within 10 days from the date of publication of the gist, i.e., by 17.01.2017. Opportunities were also afforded to all to inspect the tariff application and take copies thereof.</p> <p>3.0 No objection and suggestion on the petition of IPCL for review of tariff order dated 21.07.2016 in case no. TP-58/13-14 in respect of the years 2014 – 2015, 2015 – 2016 and 2016 - 2017 was</p>



In Re review of the tariff order dated 21<sup>st</sup> July, 2016 passed by the Commission in case no. TP-58/13-14 in respect of India Power Corporation Limited for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 emerged upon scrutiny of the said tariff order.

received by the Commission within the stipulated time i.e. 17.01.2017.

4.0 The Commission now proceeds to review the tariff order dated 21.07.2016 passed by the Commission in case no. TP-58/13-14 as also the tariffs of IPCL for the years 2014 – 2015, 2015 – 2016 and 2016 - 2017 on the basis of ARR redetermined for the respective years incorporating the decision taken by the Commission after considering the anomalies / mistakes raised by IPCL in their petition and the letters as mentioned in paragraph 1.0 above.

5.0 The anomalies / mistakes as pointed out by IPCL and the decision of the Commission are given below:

1) **Totaling mistakes noticed in Paragraph 5.2 in Page 74 of the MYT order:**

**IPCL's submission:**

REVENUE RECOVERABLE THROUGH TARIFF, CAPACITY CHARGES AND FIXED CHARGES IN 2015-16.

Rs. Lakh

Particulars	Generation	Distribution	Total
Capacity Charges for generation	1862.71		1862.71
Fuel Cost / Power Purchase Cost	3197.21	34654.56	37851.77
Fixed Charges for Distribution	0	7910.38	7910.38
Aggregate Revenue Requirement (ARR) for 2015-16-Correct Total	5059.92	42564.94	47624.86
As per Tariff Order	5045.62	42564.94	47610.56
Difference	14.3	0	14.3

REVENUE RECOVERABLE THROUGH TARIFF, CAPACITY CHARGES AND FIXED CHARGES IN 2016-17.

Rs. Lakh

Particulars	Generation	Distribution	Total
Capacity Charges for generation	1863.5		1863.5
Fuel Cost / Power Purchase Cost	3197.21	34511.95	37709.16
Fixed Charges for Distribution	0	9643.53	9643.53
Aggregate Revenue Requirement (ARR) for 2016-17-Correct Total	5060.71	44155.48	49216.19
As per Tariff Order	5045.51	44155.48	49200.99
Difference	15.2	0	15.2

**Commission's observation:**

*This is a typographical error / mistake. This has no impact on ARR. The paragraph 5.2 has*



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*been amended accordingly.*

**II) Omission to give effect of the arrear impact from past APR Orders:**

**IPCL's submission:**

"The effect of admitted arrear of APR orders for the financial year 2010-11 and 2011-12, the total of which amounting to Rs 28 Crores has not been factored into the tariff determined for the period of FY 2014-15. There is no discussion on this aspect in the impugned MYT Order. Therefore, Tariff schedule for 2014-15 should be revised after incorporating arrear impact of APR Orders of 2010-11 for 2014-15 should be revised after incorporating arrear impact of APR Orders of 2010-11 and 2011-12 in 2014-15 Tariff Schedule".

**Commission's observation:**

*Observation of IPCL is correct. The impact of APR orders for 2010-11 and 2011-12 have been considered to be adjusted in revenue recoverable through tariff, capacity charge and fixed charge in 2016 – 2017. The paragraphs 5.2, 5.3, 5.4, 6.1 and 8.1 of the order dated 21.07.2016 has been amended accordingly.*

**III) Omission to give effect to the arrear impact of APR Order 2012-13.**

**IPCL's submission:**

"It is found in Para 6.1 (Page No. 77) in Chapter 6 of the Tariff Order "...The Commission in accordance with the Tariff Regulation as determined the aggregate revenue requirement for each year of the fourth control period covering the years 2014-15 to 2016-17 and the revenue recoverable through tariff during year 2014-15 after adjusting the amount recoverable from the consumers as determined in the annual Performance Review for the year 2012-13 with the ARR determined for the year 2014-15". The petitioner has not found any such APR adjustment arising out of APR Order for the year 2012-13 with the ARR fixed for 2014-15 nor any copy of APR Order has been received by the petitioner.

The Tariff Schedule for the year 2014-15 should therefore be recalculated after inclusion of APR adjustment of 2010-11, 11-12 and 12-13. A certified true copy of APR Order for the



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year 2012-13 should also be sent to the petitioner for its perusal. As an alternative, it is humbly requested that the Hon'ble Commission may for the time being include the effect of APR Order for 2010-11 and 2011-12 with the ARR determined for the year 2014-15 and suitably modify the language of the Para 6.1 of the Tariff Order”.

**Commission’s observation:**

*APR order for 2012-13 has not been issued. The paragraph 6.1 of the tariff order dated 21.07.2016 has been amended accordingly. APR adjustments for 2010-11 and 2011-12 will be considered in ARR for 2016-17.*

**IV) Mistake in Energy Balance Statement:**

**IPCL’s submission:**

“The petitioner has detected the following mistake in computation of Energy Balance as per Paragraph 3.4 of the Order pertaining to year 2014-15:

Paragraph 3.4 (Energy Balance)		Figures in MU		
Energy Balance		As Admitted		
Sl. No.	Particulars	2014-15	2015-16	2016-17
1	Ex-bus energy from generation	35.12	80.41	80.41
2	Energy purchase from WBSEDCL	136.74	76.08	32.72
3	Energy purchase from DVC	728.99	700.00	753.91
4	Energy from WBGEDCL	0.55	1.56	1.56
5	Total Energy Available (1+2+3+4)	901.40	858.05	868.05
6	Energy Sale to Consumer	823.15	810.00	820.00
7	Energy for Own Consumption	2.48	3.00	3.00
8	Energy Sale to WBSEDCL	54.92	-	-
9	Total Sale of Energy (6+7+8)	880.54	813.00	823.00
10	Distribution Loss%	2.46	5.25	5.25
11	Distribution Loss as per our calculation	<b>22.17</b>	45.05	45.60
12	As calculated in Tariff Order	<b>20.86</b>	45.05	45.60
	Difference (12-11)	1.31	-0.00	0.00

In addition to above clerical error in the energy balance calculation, there is an error in principle also by taking into consideration the actual distribution loss % and actual own consumption in the year 2014-15. Energy Balance Statement in Tariff Order for the year 2014-15 should have been calculated by taking into account the normative loss of 5.25%



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		<p>and normative own consumption of 3 MU as is done in the case of auxiliary consumption of generating plant which is taken as 10%. Any gain sharing as per regulation should be considered at the time of APR adjustment. Therefore, energy balance calculation for the year 2014-15 is not in consistent with the principle followed in 2015-16 and 2016-17 which therefore according to us should be revised”.</p> <p><b>Commission’s observation:</b></p> <p><i>The actual distribution loss in MU (20.86 MU) for the year 2014-15 has been considered in the order as per submission of IPCL through additional information. The percentage of distribution loss for the year 2014-15 has been computed at 2.46% (after rounding off in two places of decimal) accordingly. The distribution loss for both the years 2015-16 and 2016-17 have been computed on the basis of normative distribution loss of 5.25%. Thus the contention of IPCL is not correct.</i></p> <p>V) <b>Discrepancies observed in approved Tariff Schedule:</b></p> <p>IPCL has raised some errors in the Tariff schedule which are considered. The Tariff Schedules for 2014 – 2015, 2015-16 and 2016-17 are revised accordingly.</p> <p>VI) <b>Mistake in calculating power procurement cost from WBSEDCL:</b></p> <p><b>IPCL’s submission:</b></p> <p>“The Hon’ble Commission has fixed the power sale rate by WBSEDCL to Licensees in its Order for fourth control period dated 04.03.2015 in Case No. TP-61/13-14. In the said Order, the rate at which WBSEDCL will sale power to IPCL for the year 2016-17 is fixed at Rs. 5.54 / kWh. But in this MYT Order the rate is given as Rs. 5.70 / kWh which is therefore contradictory of its own Order and therefore needs rectification”.</p> <p><b>Commission’s observation:</b></p> <p><i>Observation of IPCL is correct and the same is considered. The power purchase cost as well as the ARR for the years 2015-16 and 2016-17 has been revised accordingly. The power purchase cost as submitted by IPCL through additional information has been</i></p>
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*considered for the year 2014 – 2015 and shall remain unchanged. The paragraph 3.7 of the order and the table below the paragraph is amended accordingly.*

**VII) Mistake in calculation of Return on Equity (ROE) for the financial year 2015-16:**

**IPCL's submission:**

"There is an error in calculation of ROE for the financial year in respect of Transmission assets for the financial year 2015-16. The Hon'ble Commission has decided in the Tariff Order that ROE on JK Nagar Transmission system assets will be allowed on a proportionate basis from the date when it is connected to Grid in the year 2015-16. JK Nagar Transmission system assets are operational from 11.12.2015 and Hon'ble Commission has decided to allow ROE for 111 days for the year 2015-16. Equity Component of Transmission system asset determined as per Tariff Order is Rs 2888.40 Lakh.

ROE @ 15.5% for 111 days on Rs. 2888.40 Lakh is calculated as follows:

Rs. 2888.40 Lakh x 15.5% x 111/365 = Rs. 136.15 Lakh.

But in the Order it is wrongly calculated as Rs 68.06 Lakh".

**Commission's observation:**

*The errors have been considered. The computation of ROE has been done accordingly. The paragraph 4.18.1 of order and the table below the paragraph along with Annexure – 4D to the order is amended accordingly.*

**VIII) Mistake in Calculation of Income Tax:**

**IPCL's submission:**

"Income Tax also has not been correctly computed in the Tariff Order. The Hon'ble Commission has decided in the Tariff Order to allow the provisions for payment of Minimum Alternate Tax (MAT) subject to adjustment on the basis of assessment and actual payment



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of Tax. The Hon'ble Commission has adopted a rate of 20% in MAT calculation for each of the three years of MYT period. It may kindly be noted that this is not the correct rate of MAT. The Correct MAT rate is given below (when the Book Profit is more than Rs. 10 Crores):

FY 2014-15 = Rate 18.5% + S/Ch 10% of Rate + Cess 3% of (Rate + S/Ch), i.e. 20.9605%.

FY 2015-16 = Rate 18.5% + S/Ch 12% of Rate + Cess 3% of (Rate + S/Ch), i.e. 21.3416%.

FY 2016-17 = Rate 18.5% + S/Ch 12% of Rate + Cess 3% of (Rate + S/Ch), i.e. 21.3416%.

The corrected MAT calculation is given below:

Sl No	Particulars	2014-15				2015-16				2016-17			
		Genera tion	Transmi ssion	Distribu tion	Total	Genera tion	Transmi ssion	Distribu tion	Total	Genera tion	Transmi ssion	Distribu tion	Total
1	Return of Equity as admitted	385.88	-	1,128.39	1,514.27	385.88	136.15	1,172.32	1,694.35	385.88	447.70	1,197.46	2,031.04
2	Rate %	20.96	20.9605	20.9605	20.9605	21,3416	21,3416	21,3416	21,3415	21,3416	21,3416	21,3416	21,3416
3	MAT (Rs. Lakh)	80.88	-	236.52	317.40	82.35	29.06	250.19	361.60	82.35	95.55	255.56	433.46
4	Order (Rs. Lakh)	77.18	-	225.68	302.86	77.18	13.61	234.46	325.25	77.18	89.54	239.49	406.21
5	Difference (Rs. Lakh)	3.70	-	10.84	14.54	5.17	15.45	15.73	36.35	5.17	6.01	16.07	27.25

**Commission's observation:**

*The Commission considered ROE @ 15.5% on admitted equity Base of Generating Assets and Transmission Assets and @ 16.5% on the admitted equity base of distribution assets for the respective years as per provision of regulation 5.6.1 of the Tariff Regulations. Income Tax is allowed separately as per provision of regulation 5.13 of the Tariff Regulation considering MAT @ 20% of ROE. The MAT @ 20% is arrived considering basic rate @ 18.5% plus surcharge @ 5% of basic rate plus cess 3% of basic rate and surcharge. The Commission, however, considers applicable rates of MAT for the concerned years as submitted by IPCL. The paragraphs 4.16.2 and 4.16.3 of the tariff order dated 21.07.2016 have been amended accordingly.*





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**IX) Insurance Premium:**

**IPCL's submission:**

"The Hon'ble Commission has calculated insurance Premium of Distribution Segment for the financial year 2014-15, 2015-16 and 2016-17 as Rs. 26 Lakh, Rs 28 Lakh and Rs. 30 Lakh respectively in annexure-4B (Table 3), Page No. 71. The Hon'ble Commission has also determined Insurance Premium cost of 12 MW Plant for the year 2014-15, 2015-16 and 2016-17 as Rs. 0.09 Lakh, Rs. 0.10 Lakh and Rs. 0.10 Lakh respectively as per Table under Para 4.10.1.

The Insurance premium cost is given in the following Table:

		Rs. in Lakh					
		Insurance Premium					
SL No	Particulars	As Proposed			As Admitted		
		2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
1	Dishergarh TPS (12 MW)	0.09	0.10	0.12	0.09	0.10	0.10
2	Distribution System	41.90	49.05	55.19	25.91	27.90	29.90
3	<b>Total</b>	<b>41.99</b>	<b>49.15</b>	<b>55.31</b>	<b>26.00</b>	<b>28.00</b>	<b>30.00</b>

However, as per our computation based on Admitted figure for FY 13-14, it should be as follows:

		Rs. in Lakh		
		2014-15	2015-16	2016-17
	DPS 12 MW	0.09	0.10	0.11
	Insurance for Distribution system	26.44	28.70	31.14
	<b>Total Insurance premium</b>	<b>26.53</b>	<b>28.79</b>	<b>31.25</b>

Using 8.53% Escalation factor as per Annexure - 4 B, Table – 2".

**Commission's observation:**

*The Insurance premium computed and admitted as per Annexure – 4B to the tariff order for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 are in totality for both generation and distribution functions. The admitted amount of insurance premium was, however,*



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		<p><i>segregated for generation and distribution function in the table below paragraph 4.10.1.</i></p> <p><i>Thus, the submission of IPCL is not considered.</i></p> <p>6.0 In consequence of amendment in expenditure under the heads power purchase cost, taxes on income / profit and ROE as explained in preceding paragraphs above, the interest on working capital needs to be amended. Accordingly, the paragraphs 4.14.3, 4.14.4 and Annexure – 4C of the tariff order dated 21.07.2016 have been amended.</p> <p>7.0 The Aggregate Revenue Requirement for all the three years i.e., 2014 – 2015, 2015 – 2016 and 2016 – 2017 in Annexure – 5A to the tariff order and revenue recoverable through tariff and average tariff for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 under the paragraphs 5.2 and 5.3 respectively has been amended accordingly.</p> <p>8.0 After incorporating all the amendments as stated above, the paragraphs 3.7, 4.14.3, 4.14.4, 4.16.2, 4.16.3, 4.18.1, 5.2, 5.3, 5.4, 6.1, 6.3.14, 7.3.14, 8.1, 8.3.14 and Annexures 4C, 4D, 5A, 7A1, 7A2, 8A1 and 8A2 of Tariff Order dated 21.07.2016 for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 have been prepared in replacement of above paragraphs and annexures of the order dated 21.07.2016 which are enclosed as Appendix – I as an integral part of this review order.</p> <p>9.0 This order issues in amendment to the tariff order dated 21.07.2016 in case no. TP-58/13-14 to the extent as mentioned in paragraph 8.0 above to make good certain inadvertent arithmetical mismatch(es). All other paragraphs of all the chapters and all other annexures of the tariff order dated 21.07.2016 shall remain unchanged.</p> <p>10.0 IPCL shall present to the Commission a gist of the tariff order dated 21.07.2016 incorporating the amendments made in this order in accordance with regulation 2.9.6 of the Tariff Regulations within three working days from the date of receipt of this order for approval of the Commission and on receipt of the approval, the approved gist shall be published in terms of aforesaid regulation within four working days from the date of receipt of the approval of the Commission.</p>
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			<p>11.0 Let a copy of this order along with the amended tariff order be served upon IPCL for their compliance.</p> <p style="text-align: center;">Sd/- (AMITAVA BISWAS) MEMBER</p> <p style="text-align: center;">Dated : 17.02.2017</p> <p style="text-align: right;">Sd/- (RABINDRANATH SEN) CHAIRPERSON</p>
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## APPENDIX – I

### **AMENDED PARAGRAPHS AND ANNEXURES AS SPECIFIED IN PARAGRAPH 8.0 OF THE REVIEW ORDER IN REPLACEMENT OF RESPECTIVE PARAGRAPHS AND ANNEXURES OF TARIFF ORDER DATED 21.07.2016 FOR THE YEARS 2014 – 2015, 2015 – 2016 AND 2016 – 2017.**

#### **1. Paragraph 3.7:**

##### **Power Purchase Cost**

The average rate of power purchase from DVC, WBSEDCL and WBGEDCL for the years 2014 – 15 is at Rs. 4.32/ kWh, Rs. 5.70/ kWh and Rs. 5.00/ kWh respectively as per the information furnished by IPCL through their letter dated 16.12.2015. The Commission, however, admits the average rate per unit of power purchase from WBGEDCL at the rate as proposed by IPCL.

In their petition, IPCL has submitted that the cost of power purchase from DVC for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 are computed with escalation of 7% on the basis of cost incurred for 2013 – 2014. It is also submitted that as per bill received from DVC for the first half of 2013 – 2014, the cost per unit is Rs. 4.40. The rate of power sale by DVC to IPCL has not been determined in the tariff order of DVC as no such proposal was made in the tariff petition of DVC. The Commission decides that the rate of power purchased by IPCL from DVC for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 shall be same as the rate at which DVC claimed the power purchase bills during the period 2014 – 2015 and 2015 – 2016 prior to issue of the tariff order for DVC for the year 2014 – 2015 and 2015 – 2016. The escalation @ 7% in power purchase rate as proposed by IPCL has not been considered by the Commission. Any FCA / FPPCA / MVCA claimed by DVC in any month shall be adjusted through the MVCA to be claimed by IPCL for the respective months.

The Commission, however, considers the power purchase rate of IPCL from WBSEDCL as admitted in the tariff order dated 04.03.2015 in respect of WBSEDCL for the years



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2015 – 2016 and 2016 – 2017 in case no. TP-61/13-14. Power purchase rate from WBSEDCL for 2014 – 2015 is, however, considered at actual as submitted by IPCL through their letter dated 01.12.2015

The cost of power purchase from DVC, WBSEDCL and WBGEDCL based on the above rates and with reference to the quantum of power purchase as admitted and given in the table under paragraph 3.3.2 stands as follows:

POWER PURCHASE COST							
Sl No.	Particulars	As Admitted					
		2014 – 2015		2015 – 2016		2016 – 2017	
		MU	Rs. in lakh	MU	Rs. in lakh	MU	Rs. in lakh
1	Energy purchase from WBSEDCL	136.74	7796.57	76.08	4379.85	32.72	1812.75
2	Energy purchase from DVC	728.99	31479.89	700.00	30240.00	753.91	32568.91
3	Energy from WBGEDCL	0.55	27.33	1.56	78.00	1.56	78.00
4	Power Purchase Cost (4 = 1 + 2 + 3)	866.28	39303.79	777.64	34697.85	788.19	34459.66

2. **Paragraph 4.14.3:**

The short term Prime Lending Rate (PLR) of State Bank of India (SBI) as on 01.04.2013 was 14.45%. As per their submission in Form 1.17(b), IPCL has claimed the rate of interest @ 14.45% per annum for all the years of the fourth control period which the Commission admits for calculation of normative interest on working capital. Detailed calculation of Interest on Working Capital is given in Annexure-4C of this order.

3. **Paragraph 4.14.4:**

The said allocation of interest on working capital as allowed by the Commission for the years 2014-15, 2015-16 and 2016-17 are furnished in the table below:

Rupees in Lakh

Interest on Working Capital				
Sl. No	Particulars	As admitted by the Commission		
		2014-15	2015-16	2016-17
1	Dishergarh TPS	33.07	63.06	63.07
2	Distribution System	349.65	289.06	301.33
3	Total (3 = 1 + 2)	382.72	352.12	364.40



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**4. Paragraph 4.16.2:**

The amounts of permitted returns on equity for different years under the control period are taken as the basis for computing the incidence of taxes payable. The provisions towards Income Tax on the aforesaid basis come as under:

Sl. No.	Particulars	2014-15			2015-16			2016-17		
		Generation	Transmission	Distribution	Generation	Transmission	Distribution	Generation	Transmission	Distribution
1	Return on equity as admitted by the Commission (Rs. lakh)	385.88	0.00	1128.39	385.88	136.15	1172.32	385.88	447.70	1197.46
2	Rate (%)	20.96%	20.96%	20.96%	21.34%	21.34%	21.34%	21.34%	21.34%	21.34%
3	MAT (Rs. lakh)	80.88	0.00	236.51	82.35	29.05	250.17	82.35	95.54	255.54

The Commission, therefore, admits Rs. 317.39 lakh, Rs.361.57 lakh and Rs.433.43 lakh towards Taxes on Income for the years 2014-15, 2015-16 and 2016-17 respectively.

**5. Paragraph 4.16.3:**

The admitted taxes on income for IPCL are allocated to generating stations and distribution system in the ratio of the admitted and allocated ROE as below:

Rupees in Lakh

Taxes on Income as admitted by the Commission				
Sl. No.	Particulars	2014-15	2015-16	2016-17
1	Dishergarh TPS	80.88	82.35	82.35
2	Distribution systems including Transmission	236.51	279.22	351.08
3	<b>Total (3 = 1 + 2)</b>	<b>317.39</b>	<b>361.57</b>	<b>433.43</b>

**6. Paragraph 4.18.1:**

The Commission has found that the return on equity as claimed by IPCL is in accordance with the Tariff Regulations. The Commission, however, goes by its decision for allowing addition to fixed assets during the control period as per paragraph 4.15.2 of this order to determine normative addition to equity base for the purpose of calculation of



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allowable return. The opening admissible equity base as on 01.04.2012 against each functional segment has been considered as per APR order of IPCL for 2011-12 dated 10.09.2013 in case no. APR-33/12-13. Addition to fixed assets during 2012-13, 2013-14 and 2014-15 has been considered based on Tariff Regulations as per audited Annual Reports and Accounts of the licensee for the years 2012-13, 2013-14 and 2014-15. The same is considered at actual. 15.5% return on equity has been allowed on equity base of the generating stations and the transmission assets at J.K. Nagar sub-station and one percent more has been allowed to distribution system in terms of regulation 5.6.1 of the Tariff Regulations. Calculation in detail is given in Annexure-4D attached to this order. Return on equity in respect of Chinakuri plant is not being considered at this stage for the reasons stated in para. 4.15.1(e) of this order. ROE in respect of Dishergarh Power plant shall be kept withheld to the extent of 5% of admitted return for the reasons stated in paragraph 4.3 of this order. ROE for transmission assets at J.K. Nagar sub-station has been computed for 111 days for the year 2014 – 2015 considering the date of commercial operation as 11.12.2015. Return on equity under different heads for the years 2014-15, 2015-16 and 2016-17 are as below:

Rupees in Lakh

Allocation of Return on Equity as admitted by the Commission				
Sl.No	Particular	2014-15	2015-16	2016-17
1	Dishergarh TPS	385.88	385.88	385.88
2	Distribution System including transmission system	1128.39	1308.47	1645.16
3	Total (3 = 1 + 2)	1514.27	1694.35	2031.04

**7. Paragraph 5.2:**

In terms of the Tariff Regulations, it is also necessary to ascertain the amount of revenue recoverable through tariff for the years 2014-15, 2015-16 and 2016-17 after carrying out adjustments with the ARR for those years of the recoverable amount determined in Annual Performance Review (APR) for the years 2010 – 2011 and 2011-2012. The Commission in its order for 2010 – 2011 dated 26.03.2013 in Case No. APR-24/11-12 has determined the net recoverable amount of Rs. 258.69 lakh from its consumers after taking into consideration the adjustments in both variable costs and fixed costs.



In Re review of the tariff order dated 21<sup>st</sup> July, 2016 passed by the Commission in case no. TP-58/13-14 in respect of India Power Corporation Limited for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 emerged upon scrutiny of the said tariff order.

Similarly, the Commission determined the net recoverable amount of Rs. 2536.08 lakh in its APR order for 2011 – 2012 dated 10.09.2013 in case no. APR-33/12-13 from its consumers. The Commission has decided to adjust the net recoverable amount aggregating to Rs. 2794.77 lakh (Rs. 258.69 lakh + Rs. 2536.08 lakh) as above with the ARR for 2016-17 to determine the revenue recoverable through tariff during 2016-17. Accordingly, the amounts of revenue recoverable through tariff for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 works out as under:

Rupees in Lakh

REVENUE RECOVERABLE THROUGH TARIFF, CAPACITY CHARGES AND FIXED CHARGES IN 2014-2015				
Sl. No.	Particulars	Generation	Distribution	Total
1	Capacity Charges for generation	1548.63	-	1548.63
2	Fuel Cost / Power Purchase Cost	1396.25	39303.79	40700.04
3	Fixed charges for Distribution	-	7372.44	7372.44
4	Aggregate Revenue Requirement (ARR) for 2014-2015	2944.88	46676.23	49621.11

Rupees in Lakh

REVENUE RECOVERABLE THROUGH TARIFF, CAPACITY CHARGES AND FIXED CHARGES IN 2015-2016				
Sl. No.	Particulars	Generation	Distribution	Total
1	Capacity Charges for generation	1853.65	-	1853.65
2	Fuel Cost / Power Purchase Cost	3197.21	34697.85	37895.06
3	Fixed charges for Distribution	-	8010.70	8010.70
4	Aggregate Revenue Requirement (ARR) for 2015-2016	5050.86	42708.55	47759.41

Rupees in Lakh

REVENUE RECOVERABLE THROUGH TARIFF, CAPACITY CHARGES AND FIXED CHARGES IN 2016-2017				
Sl. No.	Particulars	Generation	Distribution	Total
1	Capacity Charges for generation	1854.44	-	1854.44
2	Fuel Cost / Power Purchase Cost	3197.21	34459.66	37656.87
3	Fixed charges for Distribution	-	9665.14	9665.14
4	Aggregate Revenue Requirement (ARR) for 2015-2016	5051.65	44124.80	49176.45
5	Adjustment for APR 2010 – 2011	59.92	198.77	258.69
6	Adjustment for APR 2011 – 2012	222.46	2313.62	2536.08
7	Total ARR recoverable during 2014 – 2015	5334.03	46637.19	51971.22

#### 8. Paragraph 5.3:

Now to determine the revenue recoverable through tariff from the consumers of IPCL, the income of IPCL from sale of power to WBSEDCL is to be done first and to be deducted from the ARR. However, for that purpose the purchase price of power by WBSEDCL from IPCL (erstwhile DPSCL) as admitted in the MYT order dated





In Re review of the tariff order dated 21<sup>st</sup> July, 2016 passed by the Commission in case no. TP-58/13-14 in respect of India Power Corporation Limited for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 emerged upon scrutiny of the said tariff order.

04.03.2015 in respect of WBSEDCL is considered. The rate so admitted in the tariff order in respect of WBSEDCL is 540.00 paise / kWh for all the three years under the control period. In the paragraph 3.4 of this order, the Commission admitted energy sale to WBSEDCL for the year 2014 – 2015 only for a quantum of 54.92 MU. Accordingly, the revenue from sale of energy to WBSEDCL for the year 2014 – 2015 comes at 2965.68 lakh.

**9. Paragraph 5.4:**

Accordingly, the Commission has worked out the revenue recoverable through tariff from the consumers and average tariff for the years 2014-15, 2015-16 and 2016-17 and the same are as follows:

AVERAGE TARRIFF FOR 2014 – 2015			
Sl. No.	Particulars	Unit	Total
1.	Total revenue to be recovered through tariff	Rs. Lakh	49621.11
2.	Revenue from sale of power to WBSEDCL/other licensee	Rs. Lakh	2965.68
3.	Revenue Recoverable for supply of power to the consumers (1-2)	Rs. Lakh	46655.43
4.	Energy sale to the consumers including inter-plant transfer	MU	823.14
5.	Average tariff for the consumers (Sl.3 x 10 ÷ Sl. 4)	Paise/ kWhr	566.80

AVERAGE TARRIFF FOR 2015 – 2016			
Sl. No.	Particulars	Unit	Total
1.	Total revenue to be recovered through tariff	Rs. Lakh	47759.41
2.	Revenue from sale of power to WBSEDCL/other licensee	Rs. Lakh	0
3.	Revenue Recoverable for supply of power to the consumers (1-2)	Rs. Lakh	47759.41
4.	Energy sale to the consumers including inter-plant transfer	MU	810.00
5.	Average tariff for the consumers (Sl.3 x 10 ÷ Sl. 4)	Paise/ kWhr	589.62

AVERAGE TARRIFF FOR 2016 – 2017			
Sl. No.	Particulars	Unit	Total
1.	Total revenue to be recovered through tariff	Rs. Lakh	51971.22
2.	Revenue from sale of power to WBSEDCL/other licensee	Rs. Lakh	0
3.	Revenue Recoverable for supply of power to the consumers (1-2)	Rs. Lakh	51971.22
4.	Energy sale to the consumers including inter-plant transfer	MU	820.00
5.	Average tariff for the consumers (Sl.3 x 10 ÷ Sl. 4)	Paise/ kWhr	633.80



In Re review of the tariff order dated 21<sup>st</sup> July, 2016 passed by the Commission in case no. TP-58/13-14 in respect of India Power Corporation Limited for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 emerged upon scrutiny of the said tariff order.

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10. **Paragraph 6.1:**

As mentioned in the previous chapter, the Commission, in accordance with the Tariff Regulations, has determined the Aggregate Revenue Requirement (ARR) for each year of the fourth control period covering the years 2014 – 2015 to 2016 – 2017 and the revenue recoverable through tariff and average tariff for the consumers during the years 2014 – 2015, 2015 – 2016 and 2016 - 2017. The tariff schedule applicable to the consumers in 2014 – 2015 and the associated terms and conditions are given in this chapter.

11. **Paragraph 6.3.14:**

Adjustments, if any, for over recovery / under recovery for 2014-15 along with the same of 2015-16 from the energy recipients shall be made in 4 (four) equal monthly installments through subsequent energy bills and such adjustment will start from the energy bill raised on or after 1<sup>st</sup> March, 2017.

12. **Paragraph 7.3.14:**

For 2015-16, the consumer/licensee shall have to pay/shall be refunded the difference of the following two:

- i) tariff as declared under this order for 2015-16; and
- ii) what they actually already paid for the concerned period as tariff and the MVCA, if any, for the concerned month.

Adjustments, if any, for over recovery / under recovery for 2015-16 from the energy recipients shall be made in 3 (three) equal monthly installments through subsequent energy bills and such adjustment will start from the energy bill raised on or after 1<sup>st</sup> March, 2017



In Re review of the tariff order dated 21<sup>st</sup> July, 2016 passed by the Commission in case no. TP-58/13-14 in respect of India Power Corporation Limited for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 emerged upon scrutiny of the said tariff order.

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**13. Paragraph 8.1:**

The Commission has also determined the average tariff for the consumers for 2016-17 in Chapter 5 after adjusting the amount recoverable from the consumers as determined in the Annual Performance Review for the years 2010 – 2011 and 2011 – 2012 with the ARR determined for 2016 – 2017, the tariff schedule applicable to the consumers in 2016-17 and the associated terms and conditions are given in this chapter.

**14. Paragraph 8.3.14:**

For 2016-17, the consumer/licensee shall have to pay/shall be refunded the difference of the following two:

- i) tariff as declared under this order for 2016-17; and
- ii) what they actually already paid for the concerned period as tariff and the MVCA, if any, for the concerned month.

Adjustments, if any, for over recovery / under recovery for 2016-17 from the energy recipients shall be made in 3 (three) equal monthly installments through subsequent energy bills and such adjustment will start from the energy bill raised on or after 1<sup>st</sup> March, 2017.



In Re review of the tariff order dated 21<sup>st</sup> July, 2016 passed by the Commission in case no. TP-58/13-14 in respect of India Power Corporation Limited for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 emerged upon scrutiny of the said tariff order.

**15. Annexure – 4C**

**Working Capital:**

Particulars	2014 - 2015			2015 - 2016			2016 - 2017		
	DPS	Distribution	Total	DPS	Distribution	Total	DPS	Distribution	Total
Annual fixed cost	1515.56	46326.58	47842.14	1790.59	42419.49	44210.08	1791.37	43823.47	45614.84
Fuel cost	1396.25	0.00	1396.25	3197.21	0.00	3197.21	3197.21	0.00	3197.21
Total	2911.81	46326.58	49238.39	4987.80	42419.49	47407.29	4988.58	43823.47	48812.05
Less:									
Depreciation	237.68	861.30	1098.98	237.68	967.03	1204.71	237.68	1184.87	1422.55
Advance against depreciation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Deferred rev. expenditure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Return on Equity	385.88	1128.39	1514.27	385.88	1308.47	1694.35	385.88	1645.16	2031.04
Bad Debts	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub total	623.56	1989.69	2613.25	623.56	2275.50	2899.06	623.56	2830.03	3453.59
Allowable Fixed Charge for W.C	2288.25	44336.89	46625.14	4364.24	40143.99	44508.23	4365.02	40993.44	45358.46
Normative W.C (10%)	228.83	4433.69	4662.51	436.42	4014.40	4450.82	436.50	4099.34	4535.85
Less: Consumers' security deposit held	0.00	2014.00	2014.00	0.00	2014.00	2014.00	0.00	2014.00	2014.00
Admitted working capital requirement	228.83	2419.69	2648.51	436.42	2000.40	2436.82	436.50	2085.34	2521.85
Interest on W.C (14.45%)	33.07	349.65	382.72	63.06	289.06	352.12	63.07	301.33	364.40

**16. Annexure – 4D:**

**DETAILED CALCULATION OF RETURN ON EQUITY:**

**Generation**

Sl. No.	Particulars	Admitted Return on Equity			
		2013-14	2014-15	2015-16	2016-17
1	Admissible equity base at the beginning of the year	2620.60	2620.60	2620.60	2620.60
2	Net addition to the original cost of fixed assets	0.00	0.00	0.00	0.00
3	Normative addition of Fixed Assets @ 30%	0.00	0.00	0.00	0.00
4	Addition to equity base considered	0.00	0.00	0.00	0.00
5	Admissible equity base at the closing of the year(1+4)	2620.60	2620.60	2620.60	2620.60
6	Average Equity Base((1+5)/2)	2620.60	2620.60	2620.60	2620.60
7	<b>ROE</b>	<b>406.19</b>	<b>406.19</b>	<b>406.19</b>	<b>406.19</b>
8	ROE kept withheld (Refer para.4.3 of this order)	20.31	20.31	20.31	20.31
9	<b>Admitted ROE</b>	<b>385.88</b>	<b>385.88</b>	<b>385.88</b>	<b>385.88</b>



In Re review of the tariff order dated 21<sup>st</sup> July, 2016 passed by the Commission in case no. TP-58/13-14 in respect of India Power Corporation Limited for the years 2014 – 2015, 2015 – 2016 and 2016 – 2017 emerged upon scrutiny of the said tariff order.

### Distribution System

Sl. No.	Particulars	Admitted Return on Equity			
		2013-14	2014-15	2015-16	2016-17
1	Admissible equity base at the beginning of the year	6049.77	6654.95	7022.45	7187.45
2	Net addition to the original cost of fixed assets	2017.25	1225.00	550.00	466.00
3	Normative addition of Fixed Assets @ 30%	605.18	367.50	165.00	139.80
4	Addition to equity base considered	605.18	367.50	165.00	139.80
5	Admissible equity base at the closing of the year(1+4)	6654.95	7022.45	7187.45	7327.25
6	Average Equity Base((1+5)/2)	6352.36	6838.70	7104.95	7257.35
7	<b>ROE</b>	<b>1048.14</b>	<b>1128.39</b>	<b>1172.32</b>	<b>1197.46</b>

### Transmission System

Sl. No.	Particulars	Admitted Return on Equity			
		2013-14	2014-15	2015-16	2016-17
1	Admissible equity base at the beginning of the year			0.00	2888.40
2	Net addition to the original cost of fixed assets			9628.00	0.00
3	Normative addition of Fixed Assets @ 30%			2888.40	0.00
4	Addition to equity base considered			2888.40	0.00
5	Admissible equity base at the closing of the year(1+4)			2888.40	2888.40
6	<b>ROE @ 15.5%</b>			<b>447.70</b>	<b>447.70</b>
7	ROE for 111 days (refer para 4.18.1) for 2015 - 2016			<b>136.15</b>	<b>447.70</b>
8	ROE for Distribution system including transmission system	<b>1048.14</b>	<b>1128.39</b>	<b>1308.47</b>	<b>1645.16</b>

#### 17. Annexure – 5A:

#### AGGREGATE REVENUE REQUIREMENT:

Sl No.	Particulars	2014-15			2015-16			2016-2017		
		DPS	DIST.	TOTAL	DPS	DIST.	TOTAL	DPS	DIST.	TOTAL
1	Fuel	1396.25	0.00	1396.25	3197.21	0.00	3197.21	3197.21	0.00	3197.21
2	Power Purchase Cost	0.00	39303.79	39303.79	0.00	34697.85	34697.85	0.00	34459.66	34459.66
3	Coal and Ash Handling Charge	36.03	0.00	36.03	82.50	0.00	82.50	82.50	0.00	82.50
4	Employee Cost	215.08	3633.96	3849.04	505.63	3653.59	4159.22	551.89	3987.94	4539.83
5	Rent, Rates and Taxes	0.00	17.00	17.00	0.00	18.00	18.00	0.00	20.00	20.00
6	Operation and Maintenance Charges	76.68	611.00	687.68	81.24	657.00	738.24	86.16	706.00	792.16
7	Insurance	0.09	25.91	26.00	0.10	27.90	28.00	0.10	29.90	30.00



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8	Financing Charges	0.00	86.22	86.22	0.00	90.53	90.53	0.00	95.06	95.06
9	Interest on Borrowed Capital	510.00	709.14	1219.14	453.39	1056.85	1510.24	396.78	1709.84	2106.62
10	Interest on Consumer Security	0.00	118.29	118.29	0.00	118.29	118.29	0.00	118.29	118.29
11	Interest on Working Capital	33.07	349.65	382.72	63.06	289.06	352.12	63.07	301.33	364.40
12	Depreciation	237.68	861.30	1098.98	237.68	967.03	1204.71	237.68	1184.87	1422.55
13	Water Charges	10.93	0.00	10.93	10.93	0.00	10.93	10.93	0.00	10.93
14	Taxes on Income	80.88	236.51	317.39	82.35	279.22	361.57	82.35	351.08	433.43
15	Return on Equity	385.88	1128.39	1514.27	385.88	1308.47	1694.35	385.88	1645.16	2031.04
16	<b>Gross Aggregate Revenue Requirement</b>	<b>2982.57</b>	<b>47081.16</b>	<b>50063.73</b>	<b>5099.97</b>	<b>43163.79</b>	<b>48263.76</b>	<b>5094.55</b>	<b>44609.13</b>	<b>49703.68</b>
17	Interest Credit	18.16	65.29	83.45	13.85	56.55	70.40	3.03	15.53	18.56
18	Less; Other Misc. Income	19.53	339.64	359.17	35.26	398.69	433.95	39.87	468.80	508.67
19	<b>Net Aggregate Revenue Requirement</b>	<b>2944.88</b>	<b>46676.23</b>	<b>49621.11</b>	<b>5050.86</b>	<b>42708.55</b>	<b>47759.41</b>	<b>5051.65</b>	<b>44124.80</b>	<b>49176.45</b>

18. **Annexure – 7A1:**

Revised category wise tariff for Low and Medium Voltage Consumers for the year 2015 – 2016 is enclosed as annexure – 1 to Appendix – I.

19. **Annexure – 7A2:**

Revised category wise tariff for High and Extra High Voltage Consumers for the year 2015 – 2016 is enclosed as annexure – 2 to Appendix – I.

20. **Annexure – 8A1:**

Revised category wise tariff for Low and Medium Voltage Consumers for the year 2016 – 2017 is enclosed as annexure – 3 to Appendix – I.

21. **Annexure – 8A2:**

Revised category wise tariff for High and Extra High Voltage Consumers for the year 2016 – 2017 is enclosed as annexure – 4 to Appendix – I.



**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2015-16 )



Sl No	Type of Consumer	Applicable Tariff Scheme					Optional tariff Scheme												
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme - I					Optional Tariff Scheme - II						
				P/kWh	Consumer category	Name of the Tariff Scheme		Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon				
1.	Lifeline (Domestic)	D (LL)	Normal	All Units		300	5	Not Applicable					Not Applicable						
2.	Domestic (Rural) or Domestic (Urban)	D(L)	Normal	First	34	443	10	D(Lpp)	Prepaid	All Units	565	10	Not Applicable						
				Next	26	502													
				Next	40	591													
				Next	100	620													
				Next	100	644													
Above	300	670																	
3.	Commercial (Rural) or Commercial (Urban) below 30 KVA	C(L)(ia)	Normal	First	60	531	20	C(Lt)(ia)	Normal TOD	06.00 hrs to 17.00 hrs	All units	650	20	C(Ltp)(ia)	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	640	20
				Next	40	600				17.00 hrs to 23.00 hrs.	All units	718				17.00 hrs to 23.00 hrs.	All units	700	
				Next	50	630				23.00 hrs to 06.00 hrs	All units	583				23.00 hrs to 06.00 hrs	All units	575	
				Next	150	660													
				Above	300	680													
4.	Commercial (Rural) / Commercial (Urban) 30 KVA and above	C(L)(ib)	Normal	All Units		670	20	C(Lt)(ib)	Normal TOD	06.00 hrs to 17.00 hrs	All units	660	20	C(Ltp)(ib)	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	650	20
										17.00 hrs to 23.00 hrs.	All units	726				17.00 hrs to 23.00 hrs.	All units	714	
										23.00 hrs to 06.00 hrs	All units	555				23.00 hrs to 06.00 hrs	All units	546	



**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2015-16 )



SI No	Type of Consumer	Applicable Tariff Scheme						Optional tariff Scheme										
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme - I					Optional Tariff Scheme - II					
				P/kWh	Consumer category	Name of the Tariff Scheme		Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon			
5.	Irrigation	Rate C(at)	Normal TOD	06.00 hrs to 17.00 hrs	All units	355	24	Rate C(atpp)	Pre-Paid TOD	06.00 hrs to 17.00 hrs	All units	335	24	Not Applicable				
				17.00 hrs to 23.00 hrs.	All units	686				17.00 hrs to 23.00 hrs.	All units	660						
				23.00 hrs to 06.00 hrs	All units	235				23.00 hrs to 06.00 hrs	All units	225						
6.	Commercial Plantation	Rate A(Cm-Ptpp)	Prepaid-TOD	06.00 hrs to 17.00 hrs	All units	595	46	Not Applicable					Not Applicable					
				17.00 hrs to 23.00 hrs.	All units	878												
				23.00 hrs to 06.00 hrs	All units	357												
7.	Short Term Irrigation Supply	Rate C( stppt)	Prepaid-TOD	06.00 hrs to 17.00 hrs	All units	396	24	Not Applicable					Not Applicable					
				17.00 hrs to 23.00 hrs.	All units	830												
				23.00 hrs to 06.00 hrs	All units	233												





**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2015-16 )



SI No	Type of Consumer	Applicable Tariff Scheme						Optional tariff Scheme									
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme - I					Optional Tariff Scheme - II				
				P/kWh	Consumer category	Name of the Tariff Scheme		Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon		
8.	Short Term supply for Commercial Plantation	Rate A ( Cm-StPtp)	Pre-paid TOD	06.00 hrs to 17.00 hrs	All units	630	46	Not Applicable					Not Applicable				
				17.00 hrs to 23.00 hrs.	All units	945											
				23.00 hrs to 06.00 hrs	All units	378											
9.	Short-term Supply	Rate STLT	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	630	46	Not Applicable					Not Applicable				
				17.00 hrs to 23.00 hrs.	All units	693											
				23.00 hrs to 06.00 hrs	All units	586											
10.	Government School, Government aided School or Government Sponsored School	Rate GS(L)	Normal	On all Units	408	20	Rate GS(L)T	Normal - TOD	06.00 hrs. - 17.00 hrs. & 20.00 hrs - 23.00 hrs.	All units	403	20	Not Applicable				
									17.00 hrs to 20.00 hrs.	All units	443						
									23.00 hrs to 06.00 hrs	All units	391						



**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2015-16 )



SI No	Type of Consumer	Applicable Tariff Scheme					Optional tariff Scheme										
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme – I					Optional Tariff Scheme - II					
							Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	
11.	Public Utility/Specified Institution/Public Bodies Municipal and Non - Municipal	Rate C1 (NM)	Normal	On all Units	455	24	Rate C1 (NM)	Prepaid	On all Units	455	24	Rate C1 (NM)	Prepaid TOD	22.00 hrs to 06.00 hrs		435	24
06.00 hrs. – 17.00 hrs. & 20.00 hrs - 22.00 hrs.															479		
17.00 hrs to 20.00 hrs.															405		
12.	Cottage Industry / Artisan / Weavers / Small production oriented establishment not run by electricity as motive power	Rate C(L)(ii)	Normal	All Units	455	24	Rate Cppt (L) (ii)	Prepaid - TOD	06.00 hrs - 17.00 hrs	All Units	445	24	Not Applicable				
17.00 hrs to 23.00 hrs									All Units	489							
23.00 hrs to 06.00 hrs									All Units	414							
13.	Poultry, Duckery, Horticulture, Tissue culture, Floriculture, Herbal – Medicinal – Bio-diesel Plant Farming, Food Processing Unit	Rate C(L)(iii)	Normal	All Units	595	30	Rate Cppt (L) (iii)	Prepaid - TOD	06.00 hrs to 17.00 hrs	All Units	585	30	Not Applicable				
17.00 hrs to 23.00 hrs									All Units	644							
23.00 hrs to 06.00 hrs									All Units	544							



**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2015-16 )



Sl No	Type of Consumer	Applicable Tariff Scheme						Optional tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme - I					Optional Tariff Scheme - II			
				P/kWh	Consumer category	Name of the Tariff Scheme		Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	
14.	Industry (Rural) or Industry (Urban)	Rate I(L)	Normal	First	500	547	30	Rate It(L)	Normal - TOD	06.00 hrs to 17.00 hrs	All Units	586	30	Not Applicable		
				Next	1500	659				17.00 hrs to 23.00 hrs	All Units	821				
				Above	2000	686				23.00 hrs to 06.00 hrs	All Units	386				
15	Public Water Works & Sewerage System	Rate B (II)	Normal	On all Units		465	24	Rate B (II)ppt	Prepaid - TOD	06.00 hrs to 17.00 hrs	All Units	455	24	Not Applicable		
				17.00 hrs to 23.00 hrs	All Units	636										
				23.00 hrs to 06.00 hrs	All Units	298										
16.	Street Lighting	Rate D(1)	Normal	On all Units		510	24	Not Applicable					Not Applicable			
17.	Street Lighting with LED	Rate D(6)	Normal	On all Units		408	24	Not Applicable					Not Applicable			
18.	Private Educational Institutions and Hospitals	Rate S (L)	Normal	On all Units		595	46	Rate St (L)	Normal TOD	06.00 hrs to 17.00 hrs	All Units	585	46	Not Applicable		
				17.00 hrs to 23.00 hrs	All Units	647										
				23.00 hrs to 06.00 hrs	All Units	544										



**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2015-16 )



Sl No	Type of Consumer	Applicable Tariff Scheme						Optional tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme - I				Optional Tariff Scheme - II				
				P/kWh	Consumer category	Name of the Tariff Scheme		Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	
19.	Emergency Supply	Rate D (2)	Prepaid-TOD	06.00 hrs to 17.00 hrs	On all Units	645	46	Not Applicable				Not Applicable				
				17.00 hrs to 23.00 hrs	On all Units	903										
				23.00 hrs to 06.00 hrs	On all Units	426										
20.	Construction Power Supply	Rate D (3)	Prepaid-TOD	06.00 hrs. - 17.00 hrs. & 20.00 hrs to 23.00 hrs	On all Units	577	46	Not Applicable				Not Applicable				
				17.00 hrs to 20.00 hrs.	On all Units	808										
				23.00 hrs to 06.00 hrs	On all Units	381										
21.	Co-operative Group Housing Society for providing power to its members or person for providing power to its employees in a	Rate D(4)	Normal	All units	517	46	Rate D(4)t	Normal - TOD	06.00 hrs to 17.00 hrs	All Units	507	46	Not Applicable			
									17.00 hrs to 23.00 hrs	All Units	558					
									23.00 hrs to 06.00 hrs	All Units	472					
22.	Common Services of Industrial Estate	Rate D(5)	Prepaid - TOD	06.00 hrs. - 17.00 hrs. & 20.00 hrs to 23.00 hrs	On all Units	635	30	Not Applicable				Not Applicable				
				17.00 hrs to 20.00 hrs.	On all Units	889										
				23.00 hrs to 06.00 hrs	On all Units	419										

Note :- \* Fixed Charge will be applicable for the Consumer having Contract Demand below 50 KVA and Demand Charge will be applicable for the consumer having Contract Demand of 50 KVA and above.



**HIGH & EXTRA HIGH VOLTAGE CONSUMERS**  
(For the Year 2015-16 )



Sl No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme							
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./KVA/month)	
					P/kWh							P/kWh				
					Summer	Monsoon	Winter					Summer	Monsoon	Winter		
1.	Public Utility	Rate PU (H)	Normal	All Units	523	520	517	320	Rate PU (Ht)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	516	513	509	320
											17.00 hrs-20.00 hrs	All Units	775	771	765	
											23.00 hrs-06.00 hrs	All Units	357	355	352	
2.	Industries (50 KVA & above)	Rate I (H)	Normal	All Units	518	515	512	320	Rate I (Ht)	TOD	06.00 hrs-17.00 hrs	All Units	504	500	496	320
											17.00 hrs-23.00 hrs	All Units	705	699	693	
											23.00 hrs-06.00 hrs	All Units	333	330	327	
3.	Industries (Below 50 KVA)	Rate I-2 (H)	Normal	All Units	575	571	568	30	Rate I-2 (Ht)	TOD	06.00 hrs-17.00 hrs	All Units	567	564	561	30.
											17.00 hrs-23.00 hrs	All Units	794	790	785	
											23.00 hrs-06.00 hrs	All Units	375	372	369	



**HIGH & EXTRA HIGH VOLTAGE CONSUMERS**

(For the Year 2015-16 )



Sl No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme						
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./KVA/month)
					P/kWh							P/kWh			
					Summer	Monsoon	Winter					Summer	Monsoon	Winter	
4.	Industries (33KV)	Rate I-3 (H)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	503	499	495	320	Not Applicable					
				17.00 hrs-23.00 hrs	All Units	703	700	694							
				23.00 hrs-06.00 hrs	All Units	332	330	326							
5.	Industries (132KV and above)	Rate I-4 (H)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	500	496	492	320	Not Applicable					
				17.00 hrs-23.00 hrs	All Units	699	693	687							
				23.00 hrs-06.00 hrs	All Units	330	326	322							
6.	Community Irrigation/ Irrigation	Rate AI (H)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	606	599	592	29	Not Applicable					
				17.00 hrs-23.00 hrs	All Units	936	926	916							
				23.00 hrs-06.00 hrs	All Units	305	302	300							
7.	Commercial Plantation	Rate S (cp)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	522	519	517	320	Not Applicable					
				17.00 hrs-23.00 hrs	All Units	731	726	724							
				23.00 hrs-06.00 hrs	All Units	344	342	341							

Reviewed Tariff Order of IPCL for 2014-2015, 2015-16 and 2016 - 2017

Annexure -2 to Appendix - I



**HIGH & EXTRA HIGH VOLTAGE CONSUMERS**  
(For the Year 2015-16 )



Sl No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./KVA/month)
						P/kWh								P/kWh			
						Summer	Monsoon	Winter						Summer	Monsoon	Winter	
8.	Short Term Irrigation Supply	Rate S (stis)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	462	457	452	36	Not Applicable							
				17.00 hrs-23.00 hrs	All Units	966	956	946									
				23.00 hrs-06.00 hrs	All Units	277	274	271									
9.	Short Term Supply for Commercial Plantation	Rate S(stcp)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	522	520	518	320	Not Applicable							
				17.00 hrs-23.00 hrs	All Units	731	728	725									
				23.00 hrs-06.00 hrs	All Units	313	312	311									
10.	Commercial	Rate C (H)	Normal	All Units	554	550	547	320	Rate C (Ht)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	547	542	536	320	
17.00 hrs-23.00 hrs	All Units	766	759	751													
23.00 hrs-06.00 hrs	All Units	361	358	354													
11.	Domestic	Rate D (H)	Normal	All Units	623	620	616	30	Rate D (Ht)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	615	609	602	30	
											17.00 hrs-23.00 hrs	All Units	677	670	662		
											23.00 hrs-06.00 hrs	All Units	572	566	561		



**HIGH & EXTRA HIGH VOLTAGE CONSUMERS**  
(For the Year 2015-16 )



SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme							
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH			Demand Charge (Rs./KVA/month)			
				Energy Charge						Energy Charge						
				P/kWh						P/kWh						
Summer	Monsoon	Winter	Summer	Monsoon	Winter	Summer	Monsoon	Winter								
12.	Public Water Works & Sewerage	Rate PWW (H)	Normal	All Units	500	495	492	320	Rate PWW(Ht)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	494	489	484	320
											17.00 hrs-20.00 hrs	All Units	692	685	678	
											23.00 hrs-06.00 hrs	All Units	326	322	319	
13.	Sports Complex & Auditorium run by Govt./ local bodies for cultural affairs	Rate S (c)	Normal	All Units	349	339	329	29	Not Applicable							
14.	Cold storage or Dairy with Chilling Plant	Rate S (pi)	Normal	All Units	461	456	450	320	Rate S (pit)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	456	449	444	320
											17.00 hrs-23.00 hrs	All Units	639	629	622	
											23.00 hrs-06.00 hrs	All Units	301	296	293	
15.	Emergency Supply	Rate E (em)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	464	462	460	320	Not Applicable						
				17.00 hrs-23.00 hrs	All Units	650	647	644								
				23.00 hrs-06.00 hrs	All Units	307	305	304								





**HIGH & EXTRA HIGH VOLTAGE CONSUMERS**  
(For the Year 2015-16 )



Sl No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme										
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH			Energy Charge			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH			Energy Charge			Demand Charge (Rs./KVA/month)
				P/kWh			P/kWh						P/kWh						
				Summer	Monsoon	Winter	Summer	Monsoon	Winter				Summer	Monsoon	Winter				
16.	Construction Power Supply	Rate E (con)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	548	546	544	320	Not Applicable									
				17.00 hrs-20.00 hrs	All Units	767	764	761											
				23.00 hrs-06.00 hrs	All Units	506	504	503											
17.	Co-operative Group Housing Society for providing power to its members or person for providing power to its employees in a single premises	Rate S (co)	Normal	All Units	614	610	606	29	Rate S (cot)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	608	602	597	29			
											17.00 hrs-23.00 hrs	All Units	669	662	657				
											23.00 hrs-06.00 hrs	All Units	622	616	611				



**HIGH & EXTRA HIGH VOLTAGE CONSUMERS**  
(For the Year 2015-16 )



Sl No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme										
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH			Energy Charge			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH			Energy Charge			Demand Charge (Rs./KVA/month)
				P/kWh			P/kWh						P/kWh						
				Summer	Monsoon	Winter	Summer	Monsoon	Winter				Summer	Monsoon	Winter				
18.	Common Services of Industrial Estate	Rate – E (ict)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	539	536	533	320	Not Applicable									
				17.00 hrs-20.00 hrs	All Units	755	750	746											
				23.00 hrs-06.00 hrs	All Units	356	354	352											
19.	Traction	Rate T	Normal	All Units			552	547	542	320	Not Applicable								
20.	Short-term Supply	Rate S (ST)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	612	610	608	320	Not Applicable									
				17.00 hrs-23.00 hrs	All Units	673	671	668											
				23.00 hrs-06.00 hrs	All Units	569	567	565											
21.	Private Educational Institutions	Rate E (ei)	Normal	All Units			468	464	461	320	Rate E(ei)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	462	456	449	320	
17.00 hrs-23.00 hrs	All Units	508	502	494															
23.00 hrs-06.00 hrs	All Units	430	424	418															



**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2016-17 )



Sl No	Type of Consumer	Applicable Tariff Scheme					Optional tariff Scheme												
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme - I					Optional Tariff Scheme - II						
				P/kWh	Consumer category	Name of the Tariff Scheme		Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon				
1.	Lifeline (Domestic)	D (LL)	Normal	All Units		312	5	Not Applicable					Not Applicable						
2.	Domestic (Rural) or Domestic (Urban)	D(L)	Normal	First	34	455	15	D(Lpp)	Prepaid	All Units		577	15	Not Applicable					
				Next	26	514													
				Next	40	613													
				Next	100	632													
				Next	100	656													
Next	300	685																	
3.	Commercial (Rural) or Commercial (Urban) below 30 KVA	C(L)(ia)	Normal	First	60	543	30	C(Lt)(ia)	Normal TOD	06.00 hrs to 17.00 hrs	All units	660	30	C(Ltp)(ia)	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	650	30
				Next	40	612				17.00 hrs to 23.00 hrs.	All units	729				17.00 hrs to 23.00 hrs.	All units	710	
				Next	50	650				23.00 hrs to 06.00 hrs	All units	592				23.00 hrs to 06.00 hrs	All units	583	
				Next	150	680													
				Above	300	690													
4.	Commercial (Rural) / Commercial (Urban) 30 KVA and above	C(L)(ib)	Normal	All Units		682	30	C(Lt)(ib)	Normal TOD	06.00 hrs to 17.00 hrs	All units	672	30	C(Ltp)(ib)	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	662	30
										17.00 hrs to 23.00 hrs.	All units	739				17.00 hrs to 23.00 hrs.	All units	728	
										23.00 hrs to 06.00 hrs	All units	565				23.00 hrs to 06.00 hrs	All units	556	



**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2016-17 )



Sl No	Type of Consumer	Applicable Tariff Scheme						Optional tariff Scheme									
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme - I					Optional Tariff Scheme - II				
						P/kWh		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon
5.	Irrigation	Rate C(at)	Normal TOD	06.00 hrs to 17.00 hrs	All units	367	24	Rate C(atpp)	Pre-Paid TOD	06.00 hrs to 17.00 hrs	All units	347	24	Not Applicable			
				17.00 hrs to 23.00 hrs.	All units	709				17.00 hrs to 23.00 hrs.	All units	670					
				23.00 hrs to 06.00 hrs	All units	243				23.00 hrs to 06.00 hrs	All units	233					
6.	Commercial Plantation	Rate A(Cm-Ptpp)	Prepaid-TOD	06.00 hrs to 17.00 hrs	All units	607	46	Not Applicable					Not Applicable				
				17.00 hrs to 23.00 hrs.	All units	895											
				23.00 hrs to 06.00 hrs	All units	364											
7.	Short Term Irrigation Supply	Rate C( stppt)	Prepaid-TOD	06.00 hrs to 17.00 hrs	All units	408	24	Not Applicable					Not Applicable				
				17.00 hrs to 23.00 hrs.	All units	855											
				23.00 hrs to 06.00 hrs	All units	240											



**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2016-17 )



Sl No	Type of Consumer	Applicable Tariff Scheme						Optional tariff Scheme									
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme - I				Optional Tariff Scheme - II					
				P/kWh		Consumer category		Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	
8.	Short Term supply for Commercial Plantation	Rate A ( Cm-StPtp)	Pre-paid TOD	06.00 hrs to 17.00 hrs	All units	640	46	Not Applicable				Not Applicable					
				17.00 hrs to 23.00 hrs.	All units	960											
				23.00 hrs to 06.00 hrs	All units	384											
9.	Short-term Supply	Rate STLT	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	640	46	Not Applicable				Not Applicable					
				17.00 hrs to 23.00 hrs.	All units	704											
				23.00 hrs to 06.00 hrs	All units	595											
10.	Government School, Government aided School or Government Sponsored School	Rate GS(L)	Normal	On all Units		420	20	Rate GS(L)T	Normal - TOD	06.00 hrs. - 17.00 hrs. & 20.00 hrs - 23.00 hrs.	All units	414	20	Not Applicable			
										17.00 hrs to 20.00 hrs.	All units	455					
										23.00 hrs to 06.00 hrs	All units	402					



**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2016-17 )



Sl No	Type of Consumer	Applicable Tariff Scheme					Optional tariff Scheme										
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme - I					Optional Tariff Scheme - II					
							Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	
11.	Public Utility/ Specified Institution/ Public Bodies Municipal or Non-Municipal	Rate PU(LT)	Normal	On all Units	465	30	Rate PUpp (LT)	Prepaid	On all Units	455	30	Rate PUppt (LT)	Prepaid TOD	22.00 hrs to 06.00 hrs	445	30	
													06.00 hrs. - 17.00 hrs. & 20.00 hrs - 22.00 hrs.	490			
													17.00 hrs to 20.00 hrs.	414			
12.	Cottage Industry / Artisan / Weavers / Small production oriented establishment not run by electricity as	Rate C(L)(ii)	Normal	All Units	475	30	Rate Cppt (L) (ii)	Prepaid - TOD	06.00 hrs - 17.00 hrs	All Units	465	30	Not Applicable				
								17.00 hrs to 23.00 hrs	All Units	511							
								23.00 hrs to 06.00 hrs	All Units	432							
13.	Poultry, Duckery, Horticulture, Tissue culture, Floriculture, Herbal - Medicinal - Bio- diesel Plant Farming, Food Processing Unit	Rate C(L)(iii)	Normal	All Units	595	30	Rate Cppt (L) (iii)	Prepaid - TOD	06.00 hrs to 17.00 hrs	All Units	585	30	Not Applicable				
								17.00 hrs to 23.00 hrs	All Units	644							
								23.00 hrs to 06.00 hrs	All Units	544							



**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2016-17 )



Sl No	Type of Consumer	Applicable Tariff Scheme					Optional tariff Scheme										
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme - I					Optional Tariff Scheme - II				
				P/kWh	Consumer category	Name of the Tariff Scheme		Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon		
14.	Public Water Works & Sewerage System	Rate B (II)	Normal	All Units		477	24	Rate B (II)ppt	Prepaid - TOD	06.00 hrs to 17.00 hrs	All Units	467	24	Not Applicable			
										17.00 hrs to 23.00 hrs	All Units	653					
										23.00 hrs to 06.00 hrs	All Units	306					
15.	Industry (Rural) or Industry (Urban)	Rate I(L)	Normal	First	500	559	30	Rate It(L)	Normal - TOD	06.00 hrs to 17.00 hrs	All Units	598	30	Not Applicable			
				Next	1500	671				17.00 hrs to 23.00 hrs	All Units	838					
				Above	2000	698				23.00 hrs to 06.00 hrs	All Units	394					
16.	Street Lighting	Rate D(1)	Normal	On all Units		522	24	Not Applicable					Not Applicable				
17.	Street Lighting with LED	Rate D(6)	Normal	On all Units		411	24	Not Applicable					Not Applicable				
18.	Private Educational Institutions and Hospitals	Rate S (L)	Normal	On all Units		607	54	Rate St (L)	Normal TOD	06.00 hrs to 17.00 hrs	All Units	595	54	Not Applicable			
										17.00 hrs to 23.00 hrs	All Units	658					
										23.00 hrs to 06.00 hrs	All Units	553					
19.	Emergency Supply	Rate D (2)	Prepaid-TOD	06.00 hrs to 17.00 hrs	On all Units	657	46	Not Applicable					Not Applicable				
				17.00 hrs to 23.00 hrs	On all Units	920											
				23.00 hrs to 06.00 hrs	On all Units	440											



**LOW AND MEDIUM VOLTAGE CONSUMERS**

(For the Year 2016-17 )



Sl No	Type of Consumer	Applicable Tariff Scheme						Optional tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH		Energy Charge	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Optional Tariff Scheme - I					Optional Tariff Scheme - II			
				P/kWh		Consumer category		Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon	Consumer category	Name of the Tariff Scheme	Monthly consumption in KWH	Energy Charge P/kWh	Fixed Charge/ Demand Charge * in Rs/ KVA/ mon
20.	Construction Power Supply	Rate D (3)	Prepaid-TOD	06.00 hrs. – 17.00 hrs. & 20.00 hrs to 23.00 hrs	On all Units	589	46	Not Applicable					Not Applicable			
				17.00 hrs to 20.00 hrs.	On all Units	824										
				23.00 hrs to 06.00 hrs	On all Units	389										
21.	Co-operative Group Housing Society for providing power to its members or person for providing power to its employees in a	Rate D(4)	Normal	All units		529	54	Rate D(4)t	Normal - TOD	06.00 hrs to 17.00 hrs	All Units	519	54	Not Applicable		
										17.00 hrs to 23.00 hrs	All Units	571				
										23.00 hrs to 06.00 hrs	All Units	483				
22.	Common Services of Industrial Estate	Rate D(5)	Prepaid - TOD	06.00 hrs. – 17.00 hrs. & 20.00 hrs to 23.00 hrs	On all Units	647	46	Not Applicable					Not Applicable			
				17.00 hrs to 20.00 hrs.	On all Units	906										
				23.00 hrs to 06.00 hrs	On all Units	427										

Note :- \* Fixed Charge will be applicable for the Consumer having Contract Demand below 50 KVA and Demand Charge will be applicable for the consumer having Contract Demand of 50 KVA and above.





**HIGH & EXTRA HIGH VOLTAGE CONSUMERS**

(For the Year 2016-17 )



Sl No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme							
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./KVA/month)	
					P/kWh							P/kWh				
					Summer	Monsoon	Winter					Summer	Monsoon	Winter		
1.	Public Utility	Rate PU (H)	Normal	All Units	552	549	546	384	Rate PU (Ht)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	545	541	537	384
											17.00 hrs-20.00 hrs	All Units	818	812	806	
											23.00 hrs-06.00 hrs	All Units	376	374	371	
2.	Industries ( 50 KVA & above)	Rate I (H)	Normal	All Units	547	545	541	384	Rate I (Ht)	TOD	06.00 hrs-17.00 hrs	All Units	532	528	524	384
											17.00 hrs-23.00 hrs	All Units	745	738	732	
											23.00 hrs-06.00 hrs	All Units	350	348	345	
3.	Industries (Below 50 KVA)	Rate I-2 (H)	Normal	All Units	607	603	600	36	Rate I-2 (Ht)	TOD	06.00 hrs-17.00 hrs	All Units	598	595	592	36.
											17.00 hrs-23.00 hrs	All Units	838	834	829	
											23.00 hrs-06.00 hrs	All Units	396	393	391	

Reviewed Tariff Order of IPCL for 2014-2015, 2015-16 and 2016 - 2017

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HIGH & EXTRA HIGH VOLTAGE CONSUMERS

(For the Year 2016-17 )



Sl No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./KVA/month)
						P/kWh								P/kWh			
						Summer	Monsoon	Winter						Summer	Monsoon	Winter	
4.	Industries (33KV)	Rate I-3 (H)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	531	527	523	384	Not Applicable							
				17.00 hrs-23.00 hrs	All Units	742	739	692									
				23.00 hrs-06.00 hrs	All Units	350	348	325									
5.	Industries (132KV and above)	Rate I-4 (H)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	528	525	522	384	Not Applicable							
				17.00 hrs-23.00 hrs	All Units	738	734	729									
				23.00 hrs-06.00 hrs	All Units	337	325	322									
6.	Community Irrigation/ Irrigation	Rate AI (H)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	640	632	625	35	Not Applicable							
				17.00 hrs-23.00 hrs	All Units	988	977	967									
				23.00 hrs-06.00 hrs	All Units	322	319	317									
7.	Commercial Plantation	Rate S (cp)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	534	531	529	384	Not Applicable							
				17.00 hrs-23.00 hrs	All Units	747	743	740									
				23.00 hrs-06.00 hrs	All Units	352	350	349									

Reviewed Tariff Order of IPCL for 2014-2015, 2015-16 and 2016 - 2017

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HIGH & EXTRA HIGH VOLTAGE CONSUMERS

(For the Year 2016-17 )



Sl No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./KVA/month)
						P/kWh								P/kWh			
						Summer	Monsoon	Winter						Summer	Monsoon	Winter	
8.	Short Term Irrigation Supply	Rate S (stis)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	474	469	464	36	Not Applicable							
				17.00 hrs-23.00 hrs	All Units	978	968	958									
				23.00 hrs-06.00 hrs	All Units	285	282	279									
9.	Short Term Supply for Commercial Plantation	Rate S(stcp)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	534	532	530	384	Not Applicable							
				17.00 hrs-23.00 hrs	All Units	747	745	742									
				23.00 hrs-06.00 hrs	All Units	321	319	318									
10.	Commercial	Rate C (H)	Normal	All Units	585	581	577	384	Rate C (Ht)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	577	572	567	384	
										17.00 hrs-23.00 hrs	All Units	809	801	794			
										23.00 hrs-06.00 hrs	All Units	381	378	374			
11.	Domestic	Rate D (H)	Normal	All Units	658	654	650	36	Rate D (Ht)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	649	643	637	36	
											17.00 hrs-23.00 hrs	All Units	715	708	701		
											23.00 hrs-06.00 hrs	All Units	604	598	592		



**HIGH & EXTRA HIGH VOLTAGE CONSUMERS**

(For the Year 2016-17 )



SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme							
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH			Demand Charge (Rs./KVA/month)			
				Energy Charge						Energy Charge						
				P/kWh						P/kWh						
Summer	Monsoon	Winter	Summer	Monsoon	Winter	Summer	Monsoon	Winter								
12.	Public Water Works & Sewerage	Rate PWW (H)	Normal	All Units	528	523	519	384	Rate PWW(Ht)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	521	516	511	384
											17.00 hrs-20.00 hrs	All Units	730	723	716	
											23.00 hrs-06.00 hrs	All Units	343	340	337	
13.	Sports Complex & Auditorium run by Govt./ local bodies for cultural affairs	Rate S (c)	Normal	All Units	361	351	341	29	Not Applicable							
14.	Cold storage or Dairy with Chilling Plant	Rate S (pi)	Normal	All Units	487	481	475	384	Rate S (pit)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	481	474	467	384
											17.00 hrs-23.00 hrs	All Units	674	664	654	
											23.00 hrs-06.00 hrs	All Units	318	313	308	
15.	Emergency Supply	Rate E (em)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	476	474	472	384	Not Applicable						
				17.00 hrs-23.00 hrs	All Units	666	664	661								
				23.00 hrs-06.00 hrs	All Units	315	313	312								



**HIGH & EXTRA HIGH VOLTAGE CONSUMERS**

(For the Year 2016-17 )



SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme										
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH			Energy Charge			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH			Energy Charge			Demand Charge (Rs./KVA/month)
				P/kWh			P/kWh						P/kWh						
				Summer	Monsoon	Winter	Summer	Monsoon	Winter				Summer	Monsoon	Winter				
16.	Construction Power Supply	Rate E (con)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	578	576	574	384	Not Applicable									
				17.00 hrs-20.00 hrs	All Units	809	806	803											
				23.00 hrs-06.00 hrs	All Units	534	532	530											
17.	Co-operative Group Housing Society for providing power to its members or person for providing power to its employees in a single premises	Rate S (co)	Normal	All Units	648	644	640	35	Rate S (cot)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	642	635	628	35			
											17.00 hrs-23.00 hrs	All Units	706	699	691				
											23.00 hrs-06.00 hrs	All Units	657	649	642				

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**HIGH & EXTRA HIGH VOLTAGE CONSUMERS**

(For the Year 2016-17 )



Sl No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme							
		Customer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./KVA/month)	Customer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./KVA/month)	
					P/kWh							P/kWh				
					Summer	Monsoon	Winter					Summer	Monsoon	Winter		
18.	Common Services of Industrial Estate	Rate – E (ict)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs to 23.00 hrs	All Units	569	566	563	384	Not Applicable						
				17.00 hrs-20.00 hrs	All Units	797	792	788								
				23.00 hrs-06.00 hrs	All Units	376	374	372								
19.	Traction	Rate T	Normal	All Units	582	577	572	384	Not Applicable							
20.	Short-term Supply	Rate S (ST)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	642	640	638	384	Not Applicable						
				17.00 hrs-23.00 hrs	All Units	706	704	702								
				23.00 hrs-06.00 hrs	All Units	597	595	593								
21.	Private Educational Institutions	Rate E (ei)	Normal	All Units	494	490	487	384	Rate E(ei)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	488	481	475	384
										17.00 hrs-23.00 hrs	All Units	536	529	523		
										23.00 hrs-06.00 hrs	All Units	454	447	442		