



West Bengal Electricity Regulatory Commission
Corrigendum to the Order dated 17.12.2012 of the Commission
in regard to the Tariff Application of the Durgapur Projects Limited for the years
2011-2012, 2012-2013 and 2013-2014 in Case No TP-49/11-12

The attention of the Commission has been drawn to certain typographical errors / apparent mistakes in the tariff order dated 17.12.2012 passed by the Commission in regard to the Tariff Application of the Durgapur Projects Limited, for the years 2011-2012, 2012-2013 and 2013-2014 in Case No: TP-49/11-12.

The Commission is of the considered opinion that in the interest of all concerned those errors/apparent mistakes which do not have any effect on tariff determination already given in the said tariff order, be corrected and necessary corrigendum be issued. The Commission accordingly carries out such correction, keeping in view the provisions of Section 94 of the Electricity Act, 2003 and directs the Secretary to issue the following corrigendum :-

Correction of typographical errors/ apparent mistakes in the Tariff Order dated
17.12.2012 in respect of the Durgapur Projects Limited.

Page No.	Nomenclature	Existing Description	Corrected Description
61	Clause no. 6.3.2	"The above load factor rebate shall be applicable on quantum of energy consumed in a billing period in excess of the energy that would have been consumed at 55% load factor during that billing period (for example one 11 KV consumer at 85% load factor shall be eligible for a rebate @ 14 paise / KWh on the total quantum of energy consumed in a billing period)."	"The above load factor rebate shall be applicable on quantum of energy consumed in a billing period (for example one 11 KV consumer at 85% load factor shall be eligible for a rebate @ 14 paise / KWh on the total quantum of energy consumed in a billing period)."
82	Clause No. 7.3.2	"The above load factor rebate shall be applicable on quantum of energy consumed in a billing period in excess of the energy that would have been consumed at 55% load factor during that billing period (for example one 11 KV consumer at 85% load factor shall be eligible for a rebate @ 14 paise / KWh on the total quantum of energy consumed in a billing period)."	"The above load factor rebate shall be applicable on quantum of energy consumed in a billing period (for example one 11 KV consumer at 85% load factor shall be eligible for a rebate @ 14 paise / KWh on the total quantum of energy consumed in a billing period)."

Sd/-
(SUJIT DASGUPTA)
MEMBER

Sd/-
(PRASADRANJAN RAY)
CHAIRPERSON

Dated: 21.12.2012



ORDER

OF THE

WEST BENGAL ELECTRICITY REGULATORY COMMISSION

FOR THE YEAR 2011 – 2012 AND 2012 - 2013

IN

CASE NO: TP – 49 / 11 – 12

IN RE THE TARIFF APPLICATION OF

THE DURGAPUR PROJECTS LIMITED

FOR THE YEARS 2011-12, 2012-13 AND 2013-14

UNDER SECTION 64(3)(a) READ WITH SECTION

62(1) AND SECTION 62(3) OF THE

ELECTRICITY ACT, 2003

DATE: 17.12.2012



CHAPTER - 1 INTRODUCTION

- 1.1 The West Bengal Electricity Regulatory Commission (hereinafter referred to as the Commission) was constituted by the Government of West Bengal in the year 1999 in terms of section 17 of the Electricity Regulatory Commissions Act, 1998 (hereinafter referred to as the 1998 Act). The 1998 Act, along with two other Acts, was repealed by section 185 of the Electricity Act, 2003 (hereinafter referred to as the Act) which came into force with effect from 10th June 2003. The first proviso to section 82(1) of the Act ensured continuity of State Electricity Regulatory Commissions, which were established by State Governments under section 17 of the 1998 Act, (and some other enactments) and functioning as such immediately before coming into force of the Act, shall be the State Commission for the purposes of the Act.
- 1.2 The functions of a State Commission are laid down in section 86 of the Act. Of its many functions, a State Commission has to discharge the function of determination of tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the State. Further, section 62(1) of the Act also requires the Appropriate Commission to determine the tariff in accordance with the provisions of the Act for supply of electricity by a generating company to a distribution licensee, for transmission of electricity, for wheeling of electricity as well as for retail sale of electricity.
- 1.3 The Commission, therefore, has all the authority under the Act to determine the tariff as laid down in the Act.
- 1.4 The Durgapur Projects Limited (hereinafter referred to as DPL) was a sanction holder under section 28 of the Indian Electricity Act, 1910 and has become a deemed licensee in terms of the first proviso to section 14 of the Act with effect from 10.06.2003 i.e. the date of coming into force of the Act, for distribution of electricity in Durgapur area of West Bengal.



- 1.5 The Commission, in the past, passed tariff orders for DPL for eleven years from 2000 – 2001 to 2010 – 2011 (both years inclusive) in eight orders, - two joint orders of which one covering the years 2000 – 2001 and 2001 – 2002 and the other covering the years 2002 – 2003, 2003 – 2004 and 2004 – 2005 respectively and six single orders for the years 2005-2006, 2006-2007, 2007-08, 2008 – 2009, 2009 – 2010 and 2010 – 2011 respectively. DPL felt aggrieved by the tariff order dated 24.5.2004 determining its tariffs for the years 2000-2001 and 2001-2002 and filed a writ petition [W. P. No. 12108 (W) of 2004] and subsequent petition bearing No. AST 1019 / 2004 in the Hon'ble High Court at Calcutta challenging the order of the Commission dated 24.05.04. The matter lies pending before the Hon'ble High Court at Calcutta for final disposal. DPL felt aggrieved by the order of the Commission dated 9.6.2004 also and moved the Hon'ble High Court at Calcutta in an appeal against the said tariff order [No. AST 1134 of 2004 and WP No. 14128 (W) of 2004]. The Hon'ble High Court was pleased, by an order dated 15 July 2004, to stay the operation of one part of the tariff order of the Commission dated 9.6.2004 involving a question of refund to the consumers of DPL while the rest of the tariff order was not interfered with. This matter is still sub-judice before the Hon'ble High Court at Calcutta.
- 1.6 West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011 has come into effect with effect from 25th April, 2011. The said Tariff Regulations, 2011 was further amended by notifying the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) (Amendment) Regulations, 2012 in the extra ordinary edition of The Kolkata Gazette dated 27th August, 2012.
- 1.7 A generating company or a licensee , whose tariff is to be determined by the Commission as per the provisions of the Act, is required to submit their application for determination of tariff for third control period under the multi-year tariff framework complying with the provisions of the West Bengal Electricity



Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011 (hereinafter referred to as the 'Tariff Regulations') within the specified date. Though as per the Tariff Regulations the last date for submission of the application to the Commission by a generating company or a licensee for determination of tariff for the third control period comprising three years from 2011 – 2012 to 2013 – 2014 (hereinafter referred to as the third control period) was 28 May, 2011, the Commission, after considering the prayers of some licensees for extension of last date for submission of the aforesaid application to the Commission, extended the last date for the purpose upto 15th July, 2011.

- 1.8 Accordingly, DPL, complying with the provisions of the Tariff Regulations, prepared the application for the determination of its tariffs for the third control period and submitted the same to the Commission on 14.07.2011, which was admitted by the Commission and numbered as TP-49/11-12.
- 1.9 After admission of the application DPL was directed to publish, the gist of the application, as approved by the Commission, in the newspapers and also in their website, as specified in the Tariff Regulations. The gist was, accordingly, published simultaneously on 12.04.2012 in Economic Times, Ekdin, Brtaman and Sanmarg. The publication invited the attention of all interested parties, stake holders and the members of the public to the application for determination of tariff of DPL for the third control period and requested for submission of objections, comments etc., if any, on the tariff application to the Commission by 11.05.2012 at the latest. Opportunities were also afforded to all to inspect the tariff application and take copies thereof.
- 1.10 Suggestions / objections have not been received from any persons within the stipulated time i.e. 11.05.2012.



CHAPTER - 2 THE CASE OF DPL

- 2.1 DPL has submitted the application containing its proposal for determination of Annual Revenue Requirements (ARR) and tariffs for the third control period, covering the years 2011 – 2012 to 2013 – 2014, in accordance with the Tariff Regulations. The tariff applicant has proposed the ARR and tariff for each year of the third control period and has prayed for allowing the same. The licensee has also prayed for other dispensations which are mentioned in subsequent paragraphs.
- 2.2 While proposing tariffs for various categories of consumers, DPL has followed the principles laid down in the Tariff Regulations, attempted to reduce cross-subsidies and rationalize the tariff for various classes of consumers and has also proposed gradual reduction of T&D losses.
- 2.3 According to DPL, the total cost of its power plant operations has increased substantially during the current year and the same is expected to increase further in the three years of the third control period. In submitting figures showing revenue requirement and recoverable revenue from sale of power at existing tariff, DPL has shown that there will be gap of Rs.28260.52 lakh during 2011 – 2012, Rs.27624.90 lakh during 2012 – 2013 and Rs.30607.08 lakh during 2013 – 2014. DPL has, therefore, submitted that these gaps are needed to be covered by increase in tariff and if the existing tariff is not increased for the third control period, DPL's financial position will be worsen impacting on its ability to serve its consumers.
- 2.4 To justify the need for tariff increase, DPL has furnished figures, under different heads, of actual expenditure of previous years from 2006 – 2007 to 2010 – 2011 and proposed expenditure for the ensuing years of the third control period *i.e.* for 2011 – 2012, 2012 – 2013 and 2013 – 2014. Taking into consideration the normative depreciation, normative return and non-tariff income, DPL has also



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 13

- calculated and furnished the figures for ARR for each ensuing year of the third control period and also the revenue recoverable through tariff during 2011 – 2012. Based on figures of sale of power DPL has proposed average tariff of 377.69 paise / kWh for 2011 – 2012, 380.25 paise / kWh for 2012 – 2013 and 382.75 paise / kWh for 2013 – 2014.
- 2.5 The Units I & II (30 MW each) were decommissioned with effect from 01.04.2010 and 01.04.2011 respectively. DPL has now five units in its power station with a total capacity of 641 MW as against earlier seven units with capacity of 701 MW. The units (3-6) have a capacity of 341 MW and the 7th unit of 300 MW capacity. DPL has taken up the construction of its 8th Unit for a capacity of 250 MW which is likely to be commissioned during January 2014 as per their submission. DPL's proposed Plant Load Factor (PLF) for its old unit (110 MW) at 64% and at 72% in respect of 3 units (3 x 77 MW) for the year 2011 – 2012 through 2013 – 2014 and at 80% for the new 7th unit for each year of the control period are as per the norms specified in the Tariff Regulations. Since, however, such high PLF could never be achieved in the past from these old units (3-6), DPL has submitted to review the fixation of PLF for these units. Based on normative PLF, DPL has projected gross generation of power of the order of 4187.50 MU during the year 2011 – 2012 and 4176.060 MU during each of the two years 2012 – 2013 and 2013 – 2014.
- 2.6 The total sale of power of the licensee will be of the order of 3780.666 MU during 2011 – 2012, 3726.418 MU during 2012 – 2013 and 3760.008 MU during 2013 – 2014. The sales have been estimated based on the expected increase in number of consumers and also increase in contract demand of the existing consumers of DPL. DPL has shown the consumer category wise proposed sales for each year of the third control period.



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 13

- 2.7 Though the generation of DPL is normally sufficient to meet the local demand and allows it to sell the surplus power to WBSEDCL, in case of emergency or whenever own generation of DPL is inadequate, power is sourced from WBSEDCL to meet the local demand. DPL has proposed sale of power to WBSEDCL and others of the order of 1305.600 MU during 2011 – 2012, 1035.600 MU during 2012 – 2013 and 1002.630 MU during 2013 – 2014. DPL currently does not sell / purchase power to / from any other utility apart from WBSEDCL.
- 2.8 The tariff applicant will purchase power from non-conventional sources of energy as per the guidelines of the Commission depending on availability of the same in the area. M/s. Corporate Ispat has come forward to sell power, generated from non-conventional sources of energy, to DPL.
- 2.9 DPL has proposed to maintain its T & D losses at 5.5%, 5.3% and 5.2% for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively despite increased technical losses due to increase in system loading and extension of T & D net work. DPL has undertaken several measures for reduction of T & D losses. Such measures include augmentation and renovation of T&D system, replacement of single phase and three phase electro mechanical meters by static meters, wide use of plastic anti tamper & security seals, replacement of CTs of consumers, as required, for recording energy accurately, surprise checking and regular raids to curb theft of power etc. DPL expects to bring down T&D losses to 5.2% by 2013 – 2014.
- 2.10 The station heat rates as proposed by the licensee are as per norms specified in the Tariff Regulations. As per norms, the heat rates of the old units (3-6) of DPL's power station are 3100 Kcal / kWh for all three years of the third control period and the same for its new Unit No.7 is 2345 Kcal / kWh for each year of the third control period. Since, however, the average heat rate of the old units



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 13

(3-6) is around 3450 Kcal / kWh for various reasons like smaller size, vintage, non-availability of H.P. heaters, presence of foreign materials in coal, boiler without re-heater etc., DPL has submitted to allow the heat rate of 3450 Kcal / kWh for these old units. The actual heat rate of its new 7th unit, which has started commercial operation *w.e.f.* 30.4.2008, will be known only after few months of commercial running of the unit. DPL, however, feels that the heat rate for its new 7th unit has been fixed at a lower level and has requested to consider the heat rate actually achieved and adjust the same through FPPCA claim. DPL has pointed out that in Schedule 9A of the Tariff Regulations it has been specified that stabilization period of this new 7th unit is six months and, therefore, additional heat rate, subject to a ceiling of 50 Kcal / kWh, is applicable to it during stabilization period in accordance with the Tariff Regulations.

- 2.11 DPL has proposed the average landed cost of coal considering the average hike of 10% in coal price *w.e.f.* midnight of 27 February, 2011 as notified by the Coal India Ltd on 26.02.2011.
- 2.12 State Pollution Control Board has imposed restriction not to use coal, having more than 34% ash, in power plant. MCL, however, supplies 'F' grade coal having ash more than 45%. To minimize ash content and to comply with the requirement against pollution, DPL is taking action to wash coal supplied by MCL by engaging outside agency. For this purpose, Rs.185/- per MT has been loaded in the transportation and handling cost of coal received by DPL from MCL.
- 2.13 The proposed transit and handling losses of coal are as per norm specified in the Tariff Regulations. DPL, however, is of the opinion that it will not be able to maintain such too low rate of transit and handling losses for various reasons



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 13

and since in reality the transit and handling losses are of the order 3.6% to 3.5%.

- 2.14 The proposed specific oil consumption rates are as specified for the units of DPL in the Tariff Regulations. DPL, however, has submitted to consider the specific oil consumption rate at 5 ml / kWh for its old units (3-6) in view of the facts that these units suffer frequent tube leakage due to low grade of coal that actual oil rates for 2008 – 2009, 2009 – 2010 and 2011 – 2012 were 8.11 ml / kWh, 6.45 ml / kWh and 6.76 ml / kWh respectively and, therefore, sudden reduction to the specified limit is difficult and that with further ageing of these units and uncertainty in availability of proper quality of coal the oil rate may increase gradually. DPL has also submitted that oil rate for its new 7th unit should be 2 ml / kWh for all the years.
- 2.15 DPL has proposed its employees' cost keeping Man / MW ratio as per norm specified in the Tariff Regulations. It has proposed 27% increase in expenditure in employees' cost for the year 2011- 2012 over the expenditure on this head of account for 2010 – 2011 for the reasons like impact of 16% D.A every year, annual increment (3%) of basic pay and other allowances @ 10% every year towards inflationary trend as well as increase in field and night allowance. DPL has also highlighted increase of gratuity limit from Rs. 3.50 lakh to Rs. 10.00 lakh, increase in pay due to revised pay structure and towards statutory liability under AS-15. For the year 2012 – 2013, DPL has proposed 12% increase in employees' cost over the proposed expenditure for 2011 – 2012 for similar reasons. For 2013 – 2014, DPL has proposed an increment of 8% in employees' cost over that of 2012 – 2013. Regarding employees' cost for its new 7th unit, DPL has stated that operation and maintenance of this unit has been / is being outsourced to four firms for engaging 360 persons, which is the Man / MW ratio specified for this unit in the Tariff Regulations, and requested to



allow the expenditure of Rs.2416.69 lakh per annum for this purpose as booked under different head of accounts for the unit.

2.16 Regarding expenses on Operation & Maintenance (O&M), DPL has stated that though it has proposed expenditure on this head of account as per norm specified in the Tariff Regulations, the expenses on O&M will be much more for various reasons like –

- frequent tube leakage for poor grade of coal,
- high upkeeping expenses for the old units,
- renovation of the VIth Unit,
- the normative expenditure is for generation only and does not include expenses for T & D wing,
- no inflation factor has been considered for fixing the norm
- non-inclusion in the normative expenditure the expenditure of Service Department and Central Workshop, allocated to power, which was treated separately in earlier tariff orders.

DPL, therefore, has requested to allow additional 40% over the normative expenditure for O & M.

2.17 DPL has also prayed for allowing projected ash disposal charges and water charges over and above the O&M expenses since these are not part of the O&M expenditure in terms of the Tariff Regulations.

2.18 The licensee has debt of the order of Rs.89.07 crore of which Rs.17.67 crore is almost not possible to be recovered since these dues are from four sick companies which are either referred to BIFR or closed or under liquidation. Besides, there are other dues which are also very old. DPL has, therefore, prayed to allow some more amounts in addition to normative amount under this head of account.



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 13

- 2.19 DPL has proposed its other fixed costs for each ensuing year of the third control period and adduced justifications for increase, wherever required.
- 2.20 Thereafter, DPL has indicated its proposed tariffs for different categories of consumers for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014. It has proposed increase in fixed charges as also increase in energy charges for different categories of consumers.
- 2.21 DPL has proposed to introduce pre-paid meters for domestic consumers with 5% less energy charge than normal tariff.
- 2.22 DPL has proposed to introduce the following terms and conditions of tariff for the second control period.
- 2.22.1 For both TOD and non-TOD HT industrial consumers, the demand charge for any month shall be levied on the basis of maximum demand recorded during the month or 85% of the contract demand, whichever is higher.
- 2.22.2 Load Factor rebate will be maintained at the same level as allowed in 2007-08.
- 2.22.3 Power Factor rebate / surcharge will be given at the stipulated range.
- 2.22.4 There shall be no other rebate or surcharge.
- 2.22.5 There will be no minimum charge for five categories of consumers viz. L & MV Industries, LT Commercial, LT Irrigation and Bulk supply at single point to Co-operative Group Housing Society. For rural and urban domestic consumers the minimum charge will be Rs.28/- per month and the same shall be applicable when the energy charge including rebate is less than the minimum charge. For all other consumers, the minimum charge stipulated in the schedule of agreement shall continue to apply. Annual guaranteed minimum charge will be discontinued.



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 13

- 2.22.6 Excess drawal charge will be such as specified in the Tariff Regulations.
- 2.22.7 Meter rental charges have been indicated. No meter rent shall be applicable if the meter is supplied by the consumer.
- 2.22.8 Delayed payment surcharge will be at the same scale as levied in 2007-08.
- 2.22.9 Security deposit shall be such as specified by the Commission.
- 2.22.10 All other rates, charges, conditions not provided in the instant tariff proposal will remain unchanged.
- 2.22.11 The tariff will not include any tax, duty etc. on electrical energy that may be payable at any time in accordance with any law for the time being in force and such charges, if any, shall be payable by the consumers in addition to tariff.
- 2.23 DPL has stated that it has set up the forum for redressal of grievances of the consumers as per guidelines specified by the Commission. The forum had received grievances of two consumers and both the grievances were redressed.
- 2.24 DPL has stated that it has made every effort to meet the information requirements as specified by the Commission. DPL has requested the Commission to look at any omissions or shortcomings sympathetically in case there are gaps in data submission. DPL agrees to make available all such data as the Commission may require notwithstanding any waiver given by the Commission, it has been stated.
- 2.25 The Commission has given some directives in chapter – 8 of this order. DPL shall comply with those directives and shall submit the compliance report as specified in chapter – 8.



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 13

- 2.26 DPL has requested the Commission to (1) accept the Aggregate Revenue Required and the Tariff Proposal for the third control period covering the years 2011 – 2012 to 2013 – 2014 and (2) pass orders as the Commission may deem fit and proper keeping in view the facts and circumstances of the case.



CHAPTER – 3 SALES, ENERGY BALANCE AND VARIABLE COST

3.1 At the outset, this is to make it clear that in the existing tariff order, the Commission is not considering the fuel and power purchase cost proposal submitted by DPL for its 8th Unit which is under construction and the COD has been fixed during January 2014. As such, the quantum of generation, purchase and sales projected by DPL for its 8th unit is segregated before considering the MYT for the third control period which is dealt with respect to the corresponding quantum projected in respect of units III to VII. DPL shall file separate petition for determination of tariff for the upcoming unit – VIII prior to commissioning of that unit as per provision of Tariff Regulations.

3.2 Projected Sales:

3.2.1 DPL is a multi-disciplinary company. Besides being in the business of power as a distribution licensee, DPL is having a coke oven plant, a coal washery and a water treatment plant. The energy requirements of coke oven plant, coal washery and water treatment plant are met from the power business of DPL and are treated as inter-plant transfer on cost recoverable basis. In addition to meet its local demand, DPL will need to supply WBSEDCL at 11 KV and 33 KV at radial mode. DPL shall supply the surplus energy, if any, to WBSEDCL at 132/ 220 KV in 2011 – 2012, 2012 – 2013 and 2013 – 2014 as per the projections made by them. The sale of energy to the consumers in its licensed area, inter-plant consumptions and sale to WBSEDCL at 11 KV / 33 KV / 132 KV / 220 KV in radial mode and from Bus in different years of the third control period has been shown as under as projected by DPL:

Figures in Million Units				
Sl. No.	Category of Supply	2011 – 2012	2012 – 2013	2013 – 2014
1	Consumer	2447.246	2662.608	2728.348
2	Inter Plant Transfer	27.820	28.210	29.030
3	Sale to WBSEDCL and other licensees	1305.600	1035.600	1002.630
4	Total (1 + 2 + 3)	3780.666	3726.418	3760.008



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

3.3 Sourcing of Energy for Distribution:

3.3.1 The entire energy requirement of DPL for distribution including inter-plant transfer generally comes from its own generating units. Part of the ex-bus generation, remaining surplus after meeting the demand of its licensed area and inter-plant transfer, is to be sold to WBSEDCL. However, if own generation of DPL during a period is found inadequate, energy is to be sourced from WBSEDCL or elsewhere. The quantum of power purchase requirement for DPL from WBSEDCL can be assessed after viewing the projected generation of DPL as well as the periodicity of such generation.

3.4 Gross Generation:

3.4.1 DPL has projected gross generation of 4187.500 MU, 4176.060 MU and 4176.060 MU during the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively in their MYT petition for the third control period considering generation in full capacity of its units III to VII. Gross energy generation has been projected by DPL for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014, considering the normative PLF of Unit III to Unit VI and for unit VII separately and the Commission admits the projection of generation of DPL for energy balancing for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014. Accordingly, the gross generations from these units of DPL for all the three years of the third control period stand as follows:

Year	Gross Generation (in MU)		
	Unit III to Unit VI	Unit VII	Total
2011 – 2012	2079.340	2108.160	4187.500
2012 – 2013	2073.660	2102.400	4176.060
2013 – 2014	2073.660	2102.400	4176.060



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

3.5 Auxiliary Consumption:

3.5.1 DPL has claimed auxiliary consumption for the Units at 387.12 MU for 2011-12, 386.70 MU for 2012-13 and 386.70 MU for 2013-14. The Commission has considered auxiliary consumption on the basis of the norms as specified in the Tariff Regulations and accordingly the auxiliary consumption stands as per the table below:

Auxiliary Consumption and Ex-Bus Generation (MU)							
Year	Unit III to VI			Unit VII			Total Ex-bus Generation
	Gross Generation	Aux. Consumption @ 10%	Ex-bus Generation	Gross Generation	Aux. Consumption @ 8.5%	Ex-bus Generation	
2011 – 2012	2079.340	207.934	1871.406	2108.160	179.194	1928.966	3800.372
2012 – 2013	2073.660	207.366	1866.294	2102.400	178.704	1923.696	3789.990
2013 – 2014	2073.660	207.366	1866.294	2102.400	178.704	1923.696	3789.990

3.6 Distribution Loss:

3.6.1 DPL has projected distribution loss of 142.281 MU for 2011-12, 149.072 MU for 2012-13 and 149.48 MU for 2013-14. The Commission has allowed distribution loss as per norms as specified in the Tariff Regulations against projected sale of energy to the consumers. The inter-plant transfer has not been considered as it does not involve distribution network. Accordingly, the distribution loss as admitted by the Commission is shown in the following table:

Distribution Loss			
Year	As Admitted by the Commission		
	Sale of Energy to Consumer in MU	Distribution Loss in %	Distribution loss in MU
2011 – 2012	2447.246	5.50	142.432
2012 – 2013	2662.608	5.30	149.016
2013 – 2014	2728.348	5.20	149.656



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

3.7 Energy Balance:

3.7.1 On the basis of the analyses done in the foregoing paragraphs, the Commission admits the following Energy Balance for DPL for the year 2011 – 2012, 2012 – 2013 and 2013 – 2014:

Figures in Million Units

Sl. No.	Particulars	2011 – 2012	2012 – 2013	2013 – 2014
Sources of Supply				
1	Net Ex-Bus Generation	3800.372	3789.990	3789.990
2	Purchase	112.473	75.219	109.405
3	Total Supply (1 + 2)	3912.845	3865.209	3899.395
4	Sale to Consumers	2447.246	2662.608	2728.348
5	Inter-unit Transfer	27.820	28.210	29.030
6	Distribution Loss [(3)-{(1)+(2)}]	142.432	149.016	149.656
7	Supply to WBSEDCL and others	1295.347	1025.375	992.361
8	Total (8= sum of 4 to 7)	3912.845	3865.209	3899.395

3.8 Purchase of Power:

3.8.1 Normally, DPL will not need to purchase any power. But to meet the gap between demand and available generation, DPL has to purchase some quantum of power as and when required. Thus purchase of some quantum of power has been considered.

3.8.2 As per energy balance in paragraph 3.7, the following amounts are admitted as power purchase cost of DPL for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 considering the average rate of purchase by DPL from WBSEDCL as given below:

Sl. No.	Particulars	2011 – 2012	2012 – 2013	2013 – 2014
1	Quantum of Purchase (MU)	112.473	75.219	109.405
2	Average rate of Purchase (Paise/kWh)	460	486	486
3	Power Purchase Cost (Rs. in lakh)	5173.76	3655.64	5317.08



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

3.9 Fuel Cost:

3.9.1 An examination of the projected fuel cost claimed by DPL for the ensuing years 2011 – 2012, 2012 – 2013 and 2013 – 2014 of the third control period under different heads for its power station has been taken up in this paragraph.

3.9.2 Fuel cost for the power station of DPL as per its projection comes as under:

Fuel Cost in Rupees in Lakh			
Power Station	2011 – 2012	2012 – 2013	2013 – 2014
DPL III - VII	69318.07	69020.16	68911.69

3.9.3 In the tariff application for the third control period, DPL has proposed fuel cost separately for units III to VI and unit VII on the basis of norms of plant load factor, auxiliary consumption rate, oil consumption rate, station heat rate and transit and handling losses of coal as specified in Schedule 9A of the Tariff Regulations. However, while proposing fuel cost for three ensuing years of the third control period, DPL has not envisaged any price increase in average price of coal or average price of oil in its projections for 2012 – 2013 and 2013 – 2014. As a result, due to application of increased efficiency norms as per the Tariff Regulations, the fuel cost has shown a declining trend in the projections of DPL.

3.9.4 The Commission, however, has adopted the procedure for calculation of the fuel cost in accordance with regulation 5.8.1(ii) of the Tariff Regulations and normative parameters applicable to DPL as specified in the Tariff Regulations and allowed fuel cost to DPL as mentioned in subsequent paragraphs.

3.9.4.1 While determining the average price of coal and average price of oil for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 of the third control period, the



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Commission has noted that DPL has projected cost of coal based on the notification no. CIL:S&M:GM(F):Pricing 1907 dated 26 February, 2011 of Coal India Limited for indigenous coal. Related charges are also factored in terms of present fuel supply agreement. A number of statutory levies e.g., excise duty at 5.15% and clean energy cess i.e., Rs. 50/- per tonne have also been made applicable.

3.9.4.2 The Commission considers the grade wise coal price as projected by DPL for the year 2011 – 2012. The Commission does not consider any hike in coal price for the years 2012 – 2013 and 2013 – 2014. However, any major variation in fuel price in subsequent period will be adjusted through Monthly Variable Cost Adjustment (MVCA) as per provision of the Tariff Regulations.

3.9.4.3 While determining the average price of coal, it was observed that in their submission of Form D(3) showing details of coal consumed during 2011 – 2012, DPL has projected the basic price of BCCL Coal Grade D as Rs. 1599/- per tonne instead of Rs. 1040/- per tonne as per notification dated 26 February, 2011 of CIL. The Commission, thus, admitted the price of Rs. 1040/- per tonne and the revised price excluding transportation arrives at Rs. 1664.16 instead of Rs. 2223.16 per tonne.

3.9.4.4 As per submission, DPL has achieved a heat value of 2400 Kcal / Kg. for MCL (washed) coal which is identical to the heat value of grade F coal. The Commission thus admits the corresponding price of F grade coal from MCL.

3.9.4.5 Accordingly, the average oil price as per projection of DPL and the average coal price based on their proposal for grade mixing of coal from different sources



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along with the price for the three years of the third control period are shown below:

Average Coal Price in Rs./MT			Average Oil Price in Rs./KL					
2011-2012	2012-2013	2013-2014	2011 – 2012		2012 – 2013		2013 – 2014	
			Units III to VI	Unit VII	Units III to VI	Unit VII	Units III to VI	Unit VII
2118.79	2118.79	2118.79	41172.50	55230.25	41172.50	55230.25	41172.50	55230.25

Detailed computation of coal price for 2011 – 2012 has been given in Annexure – 3A to this chapter.

3.9.4.6 Heat value of oil for all the three years of the third control period has been considered as per actual heat value of 2010 – 2011. Heat value of coal has been considered as per the Tariff Regulations and the detailed computations are shown in Annexure 3A to this chapter. However, it is to be finalized during Fuel and Power Purchase Cost Adjustment (FPPCA) at the end of the respective year.

3.9.4.7 On the basis of above average price of coal and average price of oil and as per above heat value of fuel and normative parameters as specified in Schedule 9A of the Tariff Regulations, the allowable fuel cost is shown by detailed computation in the table at Annexure-3B to this chapter.

3.9.4.8 The summarized statement of the admitted fuel cost for the power station of DPL for the third control period is given hereunder:

Power Station	As admitted		
	Total fuel cost (Rs. in Lakh)		
	2011 – 2012	2012 – 2013	2013 – 2014
DPL III - VI	36630.11	36423.93	36310.22
DPL Unit - VII	27598.92	27523.52	27523.52
DPL Units III - VII	64229.03	63947.45	63833.74



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3.9.4.9 The admitted costs of power purchase from WBSEDCL are Rs. 5173.76 lakh for 2011-12 and Rs. 3655.64 lakh for 2012-13 as per rate mentioned in Annexure 3C in chapter-3 of this order. The admitted cost of power purchase of Rs. 5317.08 lakh for 2013 – 2014 is as per rate for 2012 – 2013.

3.10 Energy charge for 2011 – 2012 and 2012 – 13 of the power station of DPL now stands as follows:

Year	Fuel Cost (Rs. in Lakh)	Ex-bus Generation MU	Energy Charge Paise/ kWh
2011 – 12	64229.03	3800.372	169.01
2012 – 13	63947.45	3789.990	168.73

3.11 However, if the total generation in any year is less than the gross generation shown in this order, the matter will be given due consideration by the Commission in the APR and/or FPPCA for the concerned year. In case of any major breakdown of any unit resulting in forced shut down of that unit over one month, the targeted generation will be revised in APR and/or FPPCA after taking normative PLF and other norms of different operational parameters as specified in the Tariff Regulations for that unit into consideration.



ANNEXURE 3A

Projected Coal Price and Heat Value of DPL for the year 2011 - 2012					
SOURCE OF COAL	QUANTITY (%)	UNIT PRICE IN RS / TONNE	PRICE X QUANTITY IN RS	HEAT VALUE IN KCAL/KG	QUANTITY X HEAT VALUE
ECL - B	0.043	5562.71	239.20	5600.00	240.80
ECL - B (MOU)	0.086	4799.60	412.77	5600.00	481.60
ECL - C	0.043	2624.44	112.85	4940.00	212.42
BECML - C	0.286	1602.62	458.35	4940.00	1412.84
BCCL - D	0.143	1664.16	237.97	4200.00	600.60
MCL - D	0.034	1309.19	44.51	4200.00	142.80
MCL - F	0.194	870.33	168.84	2400.00	465.60
MCL WASHED	0.171	870.33	148.83	2400.00	410.40
TOTAL	1.000		1823.32		3967.06
TOTAL PROJECTED COAL COST IN RS =					1823.32
TOTAL PROJECTED TRANSPORT COST IN RS =					295.47
TOTAL LANDED COST IN RS =					2118.79

Projected Coal Price and Heat Value of DPL for the year 2012 - 2013					
SOURCE OF COAL	QUANTITY (%)	UNIT PRICE IN RS / TONNE	PRICE X QUANTITY IN RS	HEAT VALUE IN KCAL/KG	QUANTITY X HEAT VALUE
ECL - B	0.043	5562.71	239.20	5600.00	240.80
ECL - B (MOU)	0.086	4799.60	412.77	5600.00	481.60
ECL - C	0.043	2624.44	112.85	4940.00	212.42
BECML - C	0.286	1602.62	458.35	4940.00	1412.84
BCCL - D	0.143	1664.16	237.97	4200.00	600.60
MCL - D	0.034	1309.19	44.51	4200.00	142.80
MCL - F	0.194	870.33	168.84	2400.00	465.60
MCL WASHED	0.171	870.33	148.83	2400.00	410.40
TOTAL	1.000		1823.32		3967.06
TOTAL PROJECTED COAL COST IN RS =					1823.32
TOTAL PROJECTED TRANSPORT COST IN RS =					295.47
TOTAL LANDED COST IN RS =					2118.79



ANNEXURE 3B
FUEL COST DETERMINATION OF DPL

SI No	PARTICULARS	UNIT	2011 - 2012			2012 - 2013			2013 - 2014		
			As admitted			As admitted			As admitted		
			UNIT III to VI	UNIT VII	TOTAL	UNIT III to VI	UNIT VII	TOTAL	UNIT III to VI	UNIT VII	TOTAL
1	Generation	MU	2079.340	2108.160	4187.500	2073.660	2102.400	4176.060	2073.660	2102.400	4176.060
2	Rate of Auxiliary Consumption	%	10.00	8.50		10.00	8.50		10.00	8.50	
3	Auxiliary consumption	MU	207.934	179.194	387.128	207.366	178.704	386.070	207.366	178.704	386.070
4	Ex-bus generation	MU	1871.406	1928.966	3800.372	1866.294	1923.696	3789.990	1866.294	1923.696	3789.990
5	Station Heat rate	KCAL/KWH	3100.00	2345.00	0.00	3100.00	2345.00	0.00	3100.00	2345.00	0.00
6	Total heat required (1 x 5)	M. Kcal	6445954.00	4943635.20	11389589.20	6428346.00	4930128.00	11358474.00	6428346.00	4930128.00	11358474.00
7	Specific Oil Consumption rate	M/kwh	2.67	1.00	0.00	2.53	1.00	0.00	2.38	1.00	0.00
8	Oil Consumed (1 x 7)	KL	5551.84	2108.16	7660.00	5246.36	2102.40	7348.76	4935.31	2102.40	0.00
9	Average GCV of oil	Kcal/lit	8600.00	9000.00	0.00	8600.00	9000.00	0.00	8600.00	9000.00	0.00
10	Heat generated from oil (8x9/1000)	M Kcal	47745.82	18973.44	66719.26	45118.70	18921.60	64040.30	42443.67	18921.60	61365.27
11	Heat generated from coal (6-10)	M Kcal	6398208.18	4924661.76	11322869.94	6383227.30	4911206.40	11294433.70	6385902.33	4911206.40	11297108.73
12	Heat value of Coal	Kcal/Kg	3967.06	3967.06	0.00	3967.06	3967.06	0.00	3967.06	3967.06	0.00
13	Coal required [(11/12)x1000]	MT	1612833.73	1241388.27	0.00 #	1609057.41	1237996.50	0.00 #	1609731.72	1237996.50	0.00
14	Coal required at 0.50%Transit loss	MT	1620938.42	1247626.40	0.00 #	1617143.13	1244217.59	0.00 #	1617820.82	1244217.59	0.00
15	Average Price of Oil	Rs/KL	41172.52	55230.25	0.00	41172.52	55230.25	0.00	41172.52	55230.25	0.00
16	Average Price of coal	Rs/MT	2118.79	2118.79	0.00	2118.79	2118.79	0.00	2118.79	2118.79	0.00
17	Cost of oil [(8x15)/100000]	Rs(lakh)	2285.83	1164.34	3450.17	2160.06	1161.16	3321.22	2031.99	1161.16	3193.15
18	Cost of Coal [(14x16)/100000]	Rs. (lakh)	34344.28	26434.58	60778.86	34263.87	26362.36	60626.23	34278.23	26362.36	60640.59
19	Total Cost of Fuel (17+18)	Rs. (lakh)	36630.11	27598.92	64229.03	36423.93	27523.52	63947.45	36310.22	27523.52	63833.74



ANNEXURE – 3C

**ENERGY PURCHASE RATE OF DPL FROM WBSEDCL
IN PAISA / KWH FOR 2011 – 2012**

Period	Summer	Monsoon	Winter
Peak	475.00	472.00	465.00
Normal	465.00	460.00	455.00
Off Peak	428.00	423.00	415.00

**ENERGY PURCHASE RATE OF DPL FROM WBSEDCL
IN PAISA / KWH FOR 2012 – 2013**

Period	Summer	Monsoon	Winter
Peak	503.00	498.00	493.00
Normal	491.00	486.00	481.00
Off Peak	465.00	460.00	455.00



CHAPTER – 4 FIXED CHARGES

4.1 An examination of the projected fixed charges claimed by the DPL for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 of the third control period under different heads for its power station and distribution system has been taken up in this chapter.

4.2 **Project Cost of Unit VII:**

The project cost of Unit VII of DPL has not yet been finalized by the Commission. In pursuance of the directives given by the Commission in the tariff order for 2007-08 and also through subsequent letters, DPL has submitted some documents and clarifications and some information are yet to be submitted. On the basis of those documents and clarifications furnished and to be furnished by DPL, the Commission is examining the project cost of Unit VII of DPL. Pending such examination, the Commission, during determination of Aggregate Revenue Requirements (ARR) for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014, has considered the project cost of Unit VII, as indicated by DPL in its tariff application, provisionally and taken the following decisions:

- (i) The report as per regulation 2.8.1.4.13 of the Tariff Regulations has not yet been submitted by DPL. In terms of the aforesaid regulation, therefore, 5% of the provisional project cost amounting to Rs. 6750.00 lakh is being withheld for the time being.
- (ii) In the project cost of Unit VII there are some common facilities to be used by the proposed future Unit VIIA of same capacity also and accordingly the cost for those common facilities should be shared between Unit VII and the proposed Unit VIIA. The proposal of construction of Unit VIIA has, however been dropped. DPL is now constructing Unit VIII of capacity 250 MW. The Commission, therefore, could have deducted such cost from the



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provisional project cost of Unit VII at this stage. Moreover, there are other elements in the project cost of Unit VII, which will be finalized by the Commission on submission of relevant data and for which additional deduction from the provisional project cost of Unit VII could have been made at this stage. The Commission, however, has not made any deductions on these accounts at this stage and the same will be considered during finalization of the project cost of Unit VII by the Commission.

- (iii) Withholding of 5% of the provisional project cost as per clause (i) above and thereby reduction of the provisional project cost would have effect on different fixed charge components viz. depreciation, interest, return on equity and reserve for unforeseen exigencies. However, while determining the ARR for DPL for 2011 – 2012, 2012 – 2013 and 2013 – 2014, though deduction has been made from the allocation under depreciation head, no deduction has been made from the allocation under advance against depreciation head; rather the allocation under this head has been increased by the amount disallowed under depreciation head for 2012 - 2013 and 2013 – 2014, subject, however, to the ceiling as specified in the Tariff Regulations, in order to facilitate loan repayments as per schedule. Similarly, in order to facilitate interest payment, no reduction in the allocation under interest head has been effected. As reserve for unforeseen exigencies is primarily to protect the interest of the consumers, no reduction in allocation under this head also has been effected. These allowances under the heads advance against depreciation, interest and reserve for unforeseen exigencies, however, will not be detrimental to the interest of the consumers as the total withheld amount under clause (ii) above and proportionate disallowance in the head 'return on equity' due to reduction in the provisional project



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cost as per clause (i) above will be sufficient to take care of the allowances mentioned above. These allowances under the head 'advance against depreciation, interest and reserve for unforeseen exigencies' shall not be construed as approval of the Commission to the project cost applied for.

- (iv) The total withheld amounts as per clause (i) to clause (iii) above are Rs. 376.24 lakh, Rs. 376.24 lakh and Rs. 376.24 lakh for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively.
- (v) As mentioned earlier, the project cost of Unit VII of DPL is under consideration of the Commission. In case of any disallowance in the project cost of Unit VII by the Commission, the withheld amounts as mentioned in clause (iv) above shall be adjusted with the reduction in project cost, if any, and corresponding impact on tariff shall accordingly be adjusted.

4.3 Employees' cost:

4.3.1. DPL has proposed its employees' cost keeping Man / MW ratio as per norm specified in the Tariff Regulations in respect of the regular employees excluding that of centrally maintained expenses. In its application, DPL has highlighted the revision of pay structure effective from 1st April, 2007 based upon which its employee cost was determined. The impact of increase in DA (16%) every year, annual increment (3%) on basic pay and other allowances @ 10% every year towards inflationary trend as well as increase in field and night allowances have been considered by DPL while estimating the future expenses. DPL has also highlighted the increase in the amount of gratuity limit from Rs. 3.50 lakh to Rs. 10.00 lakh, sizeable increase in amount of employee cost towards statutory liabilities under AS-15 at revised pay structure. The employee cost of service



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department and central workshop allocated to it in pre-determined ratio has also been considered by them. The employees engaged in operation of units no. 1 and 2, since decommissioned w.e.f. 1.4.2010 and 1.4.2011 respectively, have been redeployed in the existing units including unit no. VII.

4.3.2. In the table below, the proposal of DPL towards employee cost for 2011 – 2012, 2012 – 2013 and 2013 – 2014 of the third control period submitted under forms 1.12, 1.15 and 1.17 of the tariff petition vis-à-vis actual expense during 2010 – 2011 is depicted. It is observed that DPL proposed a considerable increase in employee cost and has requested the Commission for allowing the same.

Rs. in Lakh

Particular	Actual as per audited accounts 2010 - 2011	As Proposed by DPL					
		2011-2012	Increase over previous year	2012-2013	Increase over previous year	2013-2014	Increase over previous year
Employee cost of regular employees	5618.84	7021.26	25%	7876.85	12%	8503.54	8%
Employee cost of centrally maintained expenses	2698.02	3559.25	32%	3989.09	12%	4321.57	8%
Total	8316.86	10580.51	27%	11865.94	12%	12825.11	8%

4.3.3. Against the above submissions of DPL, the Commission observed as below:

- i) DPL has submitted a nil report in form 1.17(i) towards information about payment of arrear on account of revision of pay in their application. As such the Commission considers that the arrear payment on account of revision of pay has been settled meanwhile in the earlier years and there is no impact of the same in the employee cost for the year 2011 - 2012. Now, it may be concluded that the revised pay structure has already been effective from the year 2010 – 2011 in a regular manner and for all



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practical purposes, the same may be considered as the base year for the sake of estimating the future employee costs.

- ii) The Commission considers the employee cost for 2011-12, 2012-13 and 2013-14 giving a hike of 9% per annum considering inflationary trend and also the impact of annual increment.
- iii) Thus, the employee cost as admitted by the Commission are as shown below:

Rupees in Lakh

Sl. No	Particular	As admitted by the Commission		
		2011-12	2012-13	2013-14
1	Unit -III –VI	3844.05	4190.01	4567.11
2	Unit - VII	1161.68	1266.23	1380.19
3	Sub total of Generation (3=1+2)	5005.73	5456.24	5947.30
4	Distribution	1118.81	1219.50	1329.26
5	Total (5=3+4)	6124.54	6675.74	7276.56

- iv) In addition to above, the share of the employee cost against centrally maintained expenses has also been determined by the Commission and has been shown separately on the basis of the proposal of DPL furnished in Form 1.17. Centrally maintained expenses have been segregated by the Commission between distribution and generation head on the basis of ratio of the employee costs of generation and distribution of regular employees as per the allocation submitted by DPL. It is observed that 8.33% of the employee cost of power-stations is the employee cost for centrally maintained expenses for WBPDC. In line with that the Commission has admitted 8.33% of the employee cost of power station of DPL for centrally maintained expenses for generation wing. DPL's distribution business being spread over a small area and major part of its electricity consumers are bulk in nature in HT level, for DPL's distribution business a slightly higher rate of 10% of employee



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cost of distribution wing has been admitted as centrally maintained expenses for DPL's distribution wing. Accordingly, the expenses for employee cost against centrally maintained expenses as admitted by the Commission are shown in the following table.

Sl. No	Particular	As admitted by the Commission		
		2011-12	2012-13	2013-14
1	Unit - III –VI	320.21	349.03	380.44
2	Unit - VII	96.77	105.48	114.97
3	Sub total of Generation (3=1+2)	416.98	454.51	495.41
4	Distribution	111.88	121.95	132.93
5	Total (5=3+4)	528.86	576.46	628.34

4.3.4. If there is any variation in the admitted amount, DPL shall furnish relevant information and supporting documents in this respect with the application for APR for the concerned year and the same will be considered for adjustment in APR to the extent it is found fit by the Commission. Along with the information and documents as mentioned above, DPL shall, in the application for APR for the concerned year, also furnish the information in the format given in Form 1.17(h) of Annex – 1 to the Tariff Regulations.

The above information shall also show the expenditure of own employees and employees on contract in regular establishment separately. Interest payment on Contributory Provident Fund and General Provident Fund shall not be considered as it is not permissible unless it is explicitly established that in spite of investment of such fund in a prudent manner and management of fund efficiently, there is shortfall in accrued interest to discharge the liability of statutory interest as laid down in concerned laws. Henceforth, DPL shall show the production incentive separately in its accounts under generation, distribution and centrally maintained expenses heads.



4.4 Coal and Ash Handling Expenses:

4.4.1 DPL has claimed Rs. 1403.81 lakh, Rs. 1457.04 lakh and Rs. 1457.34 lakh for 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively towards coal and ash handling expenses. The proposal of DPL has been analyzed by the Commission and it has been found that said expenditure as projected are extremely high in comparison to the actual expenditure of Rs. 731.62 lakh vis-à-vis actual generation 1602.424 MU during previous year i.e., 2010 - 2011 even if the projected enhanced generation and inflation are considered.

4.4.2 DPL has justified such high expenditure mainly on the following grounds:

- i. Huge financial involvement for transportation of excavated ash in the ensuing years with a view to comply with MOEF guidelines.
- ii. High quantity of ash generation due to increased level of generation.
- iii. Non-availability of sufficient high grade coal of ECL & MCL leaving to high generation of ash.
- iv. DPL has projected a gross generation level of 4187.500 MU, 4176.060 MU and 4176.060 MU during the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively.

4.4.3 The Commission, after due consideration of the justification advocated by DPL and in view of the fact that coal and ash handling expenses are uncontrollable in nature and are directly related with high level of generation, admits the claim of DPL as proposed by them. However, after submission of APR petitions at the end of concerned years, the actual expenditure vis-à-vis actual generation will be viewed separately by the Commission for adjustment of allowable expenses under this head.



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Coal and Ash Handling Expenses		Rupees in Lakh		
Sl. No	Particular	As admitted by the Commission		
		2011-12	2012-13	2013-14
1	Unit - I –VI	739.65	737.93	738.23
2	Unit - VII	664.16	719.11	719.11
3	Total Generation (3 = 1 + 2)	1403.81	1457.04	1457.34

4.5 Water charges:

4.5.1. DPL meets processed water supply requirements for its generating station by taking supply from its sister water plant unit. The inter-plant transfer rate for such processed water during 2010 – 2011 was Rs. 5.00 per KL. The actual amount of expenditure during 2010 – 2011 on this head was Rs. 993.83 lakh as against a generation of 1602.424 MU.

4.5.2. DPL has projected expenditures of Rs. 3184.02 lakh, Rs. 3175.32 lakh and Rs. 3175.32 lakh for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively towards water charges. They have submitted a detailed calculation of water charges with respect to the projected generation during the ensuing year. DPL has proposed a revision of rate of processed water to Rs. 6.50 per KL from earlier rate of Rs. 5.00 per KL on the following grounds:

- i) DVC from whom water supply is sourced by DPL, has increased the rate of water supply to Rs. 5.27 per thousand gallon from earlier rate of Rs. 2.57 per thousand gallons with effect from 1st October, 2010 vide their notification no. Coml/WS/Tariff Notice/2010-11/1590 dated 30th September, 2010.
- ii) Actual rate of industrial water has gone upto Rs. 13.00 per KL and is likely to be enhanced further.
- iii) Non-charging of industrial rate at market rate is becoming unviable by its sister water plant unit.



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- iv) The last revision of inter-plant transfer rate of industrial water was made by DPL from 1.4.2008 @ Rs. 5.00 KL.
- 4.5.3. Considering the facts stated by DPL as mentioned in the foregoing paragraphs and the expenditure on water charges being uncontrollable in nature, the Commission admits the projected expenditures for the years under third control period based upon proposed rate of inter-plant transfer of Rs. 6.50 per KL for the projected generation level. However, on submission of APR petitions, the actual expenditure vis-à-vis actual generation will be viewed separately by the Commission for adjustment of allowable expenses under this head.

Rupees in Lakh				
Water charges / Cess				
Sl. No	Particular	As admitted by the Commission		
		2011-12	2012-13	2013-14
1	Unit - III –VI	1906.49	1901.25	1901.25
2	Unit - VII	1252.05	1248.59	1248.59
3	Sub total of Generation (3=1+2)	3158.54	3149.84	3149.84
4	Distribution	25.48	25.48	25.48
5	Total (5=3+4)	3184.02	3175.32	3175.32

4.6 Operation and Maintenance Expenses:

- 4.6.1. Units I and II of DPL were decommissioned w.e.f. 1.4.2010 and 1.4.2011 respectively. As far as O&M expenses of generation function is concerned, the Commission goes in accordance with the norms specified in schedule 9A of the Tariff Regulations after considering the two inoperative units during the year 2011 – 2012, 2012 – 2013 and 2013 – 2014. For distribution function, the projection of DPL for 2011 – 2012 for different sub-heads of O&M expenses appears to be more or less comparable to the actual expenditure for the year 2010 – 2011 as available in Form 1.15 of their APR application of 2010 – 2011. From the proposal it is observed that DPL has projected the amounts of Rs.



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129.18 lakh, Rs. 142.10 lakh and Rs. 156.31 lakh towards consultancy fees i.e., professional charges for the year 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively without assigning any reason for such exorbitant expenditure. However, the Commission decides to increase uniformly at 5% under different sub-heads of distribution function for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 over the actual expenditure of 2010 – 2011 and the corresponding preceding years respectively considering the present trend of inflation as may be reasonable. Accordingly, proposed and admitted amounts of O&M expenses for distribution function for all the three years under third control period are depicted in the table below:

Rupees in Lakh

Operation and Maintenance Expenses for Distribution System						
Particulars	2011 – 2012		2012 – 2013		2013 – 2014	
	Proposed	Admitted	Proposed	Admitted	Proposed	Admitted
Other Administrative & General Expenses	338.86	321.20	372.77	337.26	410.04	354.12
Legal & Professional Charges	135.18	37.18	147.82	39.04	162.60	40.99
Audit Fees	4.68	0.68	5.15	0.71	5.67	0.75
R & M including Consumables	1743.76	1782.07	1859.01	1871.17	1976.71	1964.73
Total O&M Expenses	2222.48	2141.13	2384.75	2248.18	2555.02	2360.59

4.6.2. As per the Tariff Regulations, O&M expenses are categorized as controllable charges. The Commission hereby directs that in case the actual expenses under repair and maintenance head of distribution system are found to be less than the admitted amount for any of the three years under third control period, the Commission will allow the actual expenditure under this head in APR for the concerned year.

4.6.3. The admitted overall amounts for O&M expenses and allocation between generation and distribution system are shown in the table below:



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Rupees in Lakh

Sl. No	Particular	As admitted by the Commission		
		2011-12	2012-13	2013-14
1	Unit - III –VI	3707.24	3657.11	3545.56
2	Unit - VII	2384.72	2611.85	2862.90
3	Sub total of Generation (3 = 1+ 2)	6091.96	6268.96	6408.46
4	Distribution	2141.13	2248.18	2360.59
5	Total (5 = 3 + 4)	8233.09	8517.14	8769.05

4.7 Rates & Taxes (Other than on Income & Profit):

4.7.1. No amount has been proposed by DPL towards Rates & Taxes (Other than tax on Income & Profit) payable during the years. DPL has, however, projected the amounts of Rs. 0.57 lakh, Rs. 0.63 lakh and Rs. 0.69 lakh towards expenditure on account of rent, rates & taxes for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively, which are not admitted by the Commission in the absence of separately identifiable amount exclusively of rates & taxes from the amount of rent. DPL is directed to furnish the amounts of actual expenditure on rates & taxes (other than on income & profit) while submitting the APR petition of the respective years for further consideration by the Commission.

4.8 Insurance:

4.8.1. Since in the recent Tariff Regulations the expenditures towards taking appropriate insurance coverage have been categorized as uncontrollable, DPL has, in its application of MYT tariff, projected the expenditure towards insurance charges which is admitted by the Commission and is allocated to the generation function as proposed by them as follows:

Rupees in Lakh				
Insurance Premium Payable				
Sl. No	Particular	As admitted by the Commission		
		2011-12	2012-13	2013-14
1	Unit - III –VI	86.36	95.00	104.50
2	Unit - VII	12.10	13.31	14.64
3	Total Generation (3 = 1 + 2)	98.46	108.31	119.14



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The above expenditure be availed of on adherence to the conditions as prescribed in regulation 5.23.1 of the Tariff Regulations.

4.9 Depreciation:

4.9.1. DPL has submitted detailed computations in this regard and the Commission agrees to such computations for depreciation. The Commission however, has allowed depreciation considering 5% reduction of provisional project cost of Unit VII on the ground as mentioned in paragraph 6.2(i) and the amounts of depreciation admitted by the Commission stand as follows:

Rupees in Lakh

Depreciation				
Sl. No	Particular	As admitted by the Commission		
		2011-12	2012-13	2013-14
1	Unit -III -VI	893.56	1098.40	1098.40
2	Unit - VII	4494.04	4494.04	4494.04
3	Sub total of Generation (3=1+2)	5387.60	5592.44	5592.44
4	Distribution	1481.49	1642.62	1645.62
5	Total (5=3+4)	6869.09	7235.06	7238.06

4.10 Advance against Depreciation:

4.10.1. The statements of capital borrowings and computations of chargeable interest with reference to scheduled repayments show that DPL will require the following amounts to make the total repayments in different years:

Rupees in lakh

2011 – 2012	10411.45
2012 – 2013	9429.79
2013 – 2014	8501.73



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

4.10.2. As a portion of the depreciation relating to unit VII of the power plant has been reduced, DPL will require additional amounts towards advance against depreciation to keep up its loan repayment commitments considering DPL as a whole (power business only). The amounts chargeable for depreciation in different years under the control period, as shown in paragraph 4.9 will fall short of the amounts required for repayments of loans. The net short fall for DPL as a whole (power business only) will be as under:

Rupees in lakh

Year	Amount of Loan Repayments	Chargeable depreciation	Shortfall
2011-12	10411.45	6869.09	3542.36
2012-13	9429.79	7235.06	2194.73
2013-14	8501.73	7238.06	1263.67

4.10.3. To facilitate the scheduled loan repayments, the Commission considers to allow the amounts of net shortfall as shown above as advance against depreciation in terms of the Tariff Regulations. The allowable amounts of advance against depreciation, therefore, are being allowed as per following allocation as shown under:

Rupees in Lakh

Sl. No	Particular	Advance against Depreciation					
		As proposed by DPL			As admitted by the Commission		
		2011-12	2012-13	2013-14	2011-12	2012-13	2013-14
1	Unit -III -VI	472.84	(-) 93.91	(-) 584.77	508.28	0.00	0.00
2	Unit - VII	2056.14	2056.14	2056.15	2210.23	2194.73	1263.67
3	Sub total of Generation (3=1+2)	2528.98	1962.23	1471.38	2718.51	2194.73	1263.67
4	Distribution	766.41	(-) 14.46	(-) 863.33	823.85	0.00	0.00
5	Total (5=3+4)	3295.39	1947.77	608.05	3542.36	2194.73	1263.67

4.11 Write off of Intangible Assets:

4.11.1. DPL has not projected any amount under the head intangible assets written off during the years 2011 – 2012, 2012 – 2013 and 2013 – 2014. Hence no amount is considered by the Commission.



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

4.12 Interest on Borrowed Capital:

4.12.1. DPL has provided detailed computations in regard to its claims towards interest payable on capital borrowings from Central Electricity Authority (CEA), Power Finance Corporation Ltd (PFCL) and Govt. of West Bengal. It has also claimed interest on normative capital borrowings in terms of the Tariff Regulations. The break-up of the claims are summarized as under:

Rupees in lakh

Interest				
Sl. No.	Particulars	2011-2012	2012-2013	2013-2014
1	For III to VI th units of power plant	2080.36	2430.43	2508.48
2	For VII th unit of power plant	7451.11	6618.51	5861.89
3	On Normative Interest for capital employed for Distribution system	1035.94	1355.80	1717.42
4	Total	10567.41	10404.74	10087.79

4.12.2. The amounts of interest chargeable to Revenue Requirement are admitted and allocated as suggested by DPL as under:

Rupees in Lakh

Interest on borrowed capital							
Sl.No	Particular	As Proposed by DPL			As admitted by the Commission		
		2011-12	2012-13	2013-14	2011-12	2012-13	2013-14
1	Unit - III –VI	2595.84	2731.36	2709.55	2595.84	2731.36	2709.55
2	Unit - VII	6333.44	5625.73	4982.61	6333.44	5625.73	4982.61
3	Sub total of Generation (3=1+2)	8929.28	8357.09	7692.16	8929.28	8357.09	7692.16
4	Distribution	1638.13	2047.65	2395.63	1638.13	2047.65	2395.63
5	Total (5=3+4)	10567.41	10404.74	10087.79	10567.41	10404.74	10087.79

4.12.3. The interest on capital borrowings, however, is not kept withheld for reduction in provisional project cost of Unit VII for reasons mentioned in paragraph 4.2(iii) of this order.



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

4.13 Other Finance Charges:

4.13.1. The amounts claimed by DPL towards other finance charges comprising Guarantee Fees and Bank Charges are as under and the claims are found reasonable and hence allowed.

Rupees in lakh

Sl. No	Particular	As proposed by DPL and admitted by the Commission		
		2011-2012	2012-2013	2013-2014
1	Unit - III –VI	187.11	147.56	121.62
2	Unit - VII	641.47	572.13	504.56
3	Sub total of Generation(3=1+2)	828.58	719.69	626.18
4	Distribution	150.71	157.95	157.10
5	Total (5=3+4)	979.29	877.64	783.28

4.14 Bad Debts:

4.14.1. In terms of regulation 5.10.1 of the Tariff Regulations, the Commission may allow amounts of bad debts as actually had been written off in the latest available audited accounts subject to a ceiling of 0.5% of the annual gross sale value of power at the end of the current year. DPL has projected Rs. 703.00 lakh, Rs. 710.00 lakh and Rs. 753.00 lakh for the year 2011-12, 2012-13 and 2013-14 respectively towards bad debts.

4.14.2. As the amounts of bad debts have been projected only on prospective basis without the same having been written off, the Commission is not inclined to admit the claim as at present for obvious reason. However, after the amounts of bad and doubtful debts have actually been written off from the book of accounts after following usual procedure, the same may be considered by the Commission at the time of Annual Performance Review of the respective years.

4.15 Income Tax:

4.15.1. DPL has projected Rs.2730.47 lakh, Rs.2772.38 lakh and Rs.2802.96 lakh for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively for income



tax. The power business of DPL is not a separate entity for the assessment of income tax. Its tax liability will depend on the overall taxable income of the company as a whole. Till the time the income tax is assessed and the part of the tax payable is identified pertaining to power business, the Commission cannot allow any provision in this regard. However, in case, such tax payable is identified pertaining to power business of DPL, provision is made in the accounts and audited, on submission of conclusive documentary evidences with the application for APR in succeeding years, the same will be taken care of as per relevant regulation of the Tariff Regulations.

4.16 Interest on Consumers' Security Deposits:

4.16.1. DPL has claimed Rs.26.38 lakh, Rs.29.01 lakh and Rs.31.92 lakh for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively towards payment of interest to the consumers on their security deposits. The projected amounts under the head are allowed and allocated to distribution function.

4.16.2. DPL is directed that henceforth the security deposit received from the consumers is separately disclosed in the respective years' audited accounts and the interest paid may be shown separately. The actual interest paid by DPL for consumers' security deposit will be adjusted in the APR of the concerned year.

4.17 Reserve for unforeseen exigencies:

4.17.1. DPL has claimed Rs.503.88 lakh, Rs.518.63 lakh and Rs.525.13 lakh for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively towards appropriation for the reserve for unforeseen exigencies in terms of regulation 5.11 of the Tariff Regulations.

4.17.2. In terms of the referred regulation, the Commission is thus allowing as per WBSEDCL appropriations for creation of such reserves for the years under third



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

control period also with the directives that investment of the amounts (including the arrears for earlier years) must be done in accordance with the provisions of the Tariff Regulations and the amounts of interest earnings thereon should not be taken as income from non-tariff sources. For failure to comply with the provisions of the referred regulation, double the amount allowed for the purpose will be deducted from the amount of return on equity, allowed to DPL, during APR of any succeeding years. Income from such investments of Reserve for Unforeseen Exigencies shall be reinvested for the same purpose and shall be shown separately in the application of APR or tariff, as the case may be, supported by necessary audited data for any year. Moreover, this income should not be considered under income from non-tariff sources for the determination of Net Aggregate Revenue Requirement in APR or tariff for any year. The amounts allowed under this head are as under:

Rupees in lakh

Sl. No	Particular	As proposed by DPL and admitted by the Commission		
		2011-2012	2012-2013	2013-2014
1	Unit - III –VI	98.00	94.25	94.25
2	Unit - VII	328.53	328.53	328.53
3	Sub total of Generation(3=1+2)	426.53	422.78	422.78
4	Distribution	77.35	95.85	102.35
5	Total (5=3+4)	503.88	518.63	525.13

4.17.3. Any amount of reserve for unforeseen exigencies however is not kept withheld for reduction in the provisional project cost of Unit VII for the reasons mentioned at paragraph 4.2(iii) of this order.

4.18 Interest on Working Capital:

4.18.1. DPL has asked for interest on normative working capital as under:

Rupees in lakh

2011-12	2012-13	2013-2014
836.32	824.97	839.25



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4.18.2. In terms of regulations 5.6.5.1 of the Tariff Regulations, as amended working capital requirement shall be assessed on normative basis @ 18% on the base amount derived by summation of annual fixed charges and fuel and power purchase cost reduced by the elements of the ARR determined, viz., depreciation etc. as at paragraph 4.18.4. However, the above assessment of requirement of working capital would be 10% instead of 18% on the base amount since DPL has already introduced Monthly Fuel Cost Adjustment or Monthly Variable Cost Adjustment for all the years, i.e., 2011 – 2012, 2012 – 2013 and 2013 – 2014.

4.18.3. The short term Prime Lending Rate (PLR) of State Bank of India (SBI) as on 01.04.2010 was 13%. As per their submission in Form 1.17(b), DPL has claimed the rate of interest @ 7% per annum for all the years of the third control period which is less than the short term PLR of the SBI as on 01.04.2010 and the same is considered. The interest on working capital for generation function is worked out as under:

Sl. No.	Particulars	Amount in Rs. in lakh		
		2011 – 2012	2012 – 2013	2013 – 2014
1	Annual Fixed charges now arrived excluding interest on working capital for generation function	43653.22	43324.35	42315.74
2	Fuel Cost as admitted	64229.03	63947.45	63833.74
3	Sub Total (1+2)	107882.25	107271.80	106149.48
	Less:			
4	Depreciation	5387.60	5592.44	5592.44
5	Advance against depreciation	2718.51	2194.73	1263.67
6	Deferred revenue expenditure	0.00	0.00	0.00
7	Return on Equity	9355.71	9312.87	9312.87
8	Bad and doubtful Debt	0.00	0.00	0.00
9	Reserve for Unforeseen Exigencies	426.53	422.78	422.78
	Sub Total (4 to 9)	17888.35	17522.82	16591.76
10	Allowable Fixed Charges for working capital (3-10)	89993.90	89748.98	89557.72
11	Normative requirement of Working Capital (10% of 10)	8999.39	8974.90	8955.77
12	Interest allowable @ 7% on 11	629.96	628.24	626.90
13	Interest on working capital allowed	629.96	628.24	626.90



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4.18.4. The amounts of Rs. 629.96 lakh, Rs. 628.24 lakh and Rs. 626.90 lakh for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively are allocated to generation function only.

4.18.5. DPL is directed to utilize the consumers' security deposit lying with them in working capital requirement. If there is any shortfall between the working capital requirement and consumers' security deposit held and DPL is required to take working capital loan that will be taken care of during APR for the concerned year as per provision of the Tariff Regulations.

4.18.6. During APR of the concerned year, the interest on working capital as above will be reviewed so as to allow on the amount assessed on normative basis or the actual amount of interest paid, whichever is less, in respect of both generation and distribution function as per regulation 5.6.5.2 of the Tariff Regulations, as amended.

4.19 Income from other Sources:

4.19.1. DPL has projected incomes from other non-tariff sources as under:

Rupees in lakh				
Sl. No.	Particulars	2011-2012	2012-2013	2013-2014
1	Rental of meters etc.	68.12	68.81	69.50
2	Sale and Repairs of meters and apparatus etc.	4.14	4.18	4.22
3	Income from investment & bank balances	-	-	-
4	Surcharge on late payments	93.93	94.87	95.82
5	Income from consumers' job	22.49	22.71	22.94
6	Sale of steam	168.47	170.15	171.85
7	others	165.06	166.71	168.37
8	Total	522.21	527.43	532.70

4.19.2. The proposal of income from other sources of DPL has been admitted by the Commission for all the three years under third control period with allocation of the



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income between generation and distribution on the basis of the nature of the income. The incomes from rental of meters and other apparatus, sale and repair of meters and other apparatus, surcharge for late payment, income from jobs at consumers' premises and other general receipt have been considered in the distribution head. Income from sale of steam has been considered in the generation head of unit III to VI. Accordingly, the allocated amounts as admitted by the Commission are as follows:

Rupees in Lakh

Income from Other Sources				
Sl. No	Particular	As Proposed by DPL and Admitted by the Commission		
		2011 – 2012	2012 – 2013	2013 – 2014
1	Unit - III –VI	168.47	170.15	171.85
2	Unit - VII	0.00	0.00	0.00
3	Sub total of Generation(3 = 1 + 2)	168.47	170.15	171.85
4	Distribution	353.74	357.28	360.85
5	Total (5 = 3 + 4)	522.21	527.43	532.70

4.19.3. As can be noted from the above break-ups, DPL earns a considerable amount by sale of steam from the power plants to other agencies. What are those agencies and at what rates supplies are being made to them shall be indicated by DPL in its application for APR. Presently, the projected amounts of incomes from other non-tariff sources are being admitted.

4.20 Return on Equity:

4.20.1. DPL has projected average equity base with reference to opening balance and proposed addition during 2011 – 2012, 2012 – 2013 and 2013 – 2014 to the fixed assets and considered return on equity @ 15.5% and 16.5% for generation and distribution functions respectively for different years of the third control period as shown below:



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Rupees in lakh

Return on Equity Base as Projected by DPL for generation function							
Sl. No.	Particular	Average Equity Base as projected by DPL			Return on Equity Base as projected by DPL		
		2011-12	2012-13	2013-14	2011-12	2012-13	2013-14
1	For Units No. III to VI	30232.23	30232.23	30232.23	4686.00	4686.00	4686.00
2	For Unit No. VII	40500.00	40500.00	40500.00	6277.50	6277.50	6277.50
3	Total	70732.23	70732.23	70732.23	10963.50	10963.50	10963.50

Rupees in lakh

Return on Equity Base as Projected by DPL for distribution function							
Sl. No.	Particular	Average Equity Base as projected by DPL			Return on Equity Base as projected by DPL		
		2011-12	2012-13	2013-14	2011-12	2012-13	2013-14
1	For Units No. III to VI	11486.59	12761.09	13691.09	1895.29	2105.58	2259.03
2	For Unit No. VII	5100.00	5100.00	5100.00	841.50	841.50	841.50
3	Total	16586.59	17861.09	18791.09	2736.79	2947.08	3100.53

4.20.2. DPL was directed to forward respective Government orders issued from time to time towards equity infusion in the power plant business vide Commission's orders dated 24.08.2012 and 24.08.2012 for APR 2009 – 2010 and 2010 – 2011 in the cases no. APR-18/10-11 and APR-28/11-12 respectively. From page 47, vol. I of MYT application of third control period, it has now come to the notice of the Commission that an amount of Rs. 3150.00 lakh was contributed by the Government as equity during the year 2008 – 2009 in distribution function which was not considered previously by the Commission. Such consideration of equity addition now and rectification of actual equity base will not entail any financial implication / entitlement so far as returns on equity of the preceding years i.e., 2008 – 2009, 2009 – 2010 and 2010 – 2011 are concerned, the actual equity base at the beginning of the year 2011 – 2012 in respect of the distribution function is thus corrected at Rs. 15367.79 lakh instead of Rs. 18517.77 lakh after considering the aforesaid equity of Rs. 3150.00 lakh during 2008 – 2009. A calculation in this connection is enclosed in Annexure – 4C.



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4.20.3. Out of actual equity base of Rs. 70538.91 lakh for generating function at the beginning of the year 2011 - 2012, Rs. 34282.91 lakh relates to equity base of units II to VI and Rs. 36256.00 lakh to that of unit VII. The unit II of DPL was decommissioned on 01.04.2011 and was inoperative entirely during 2011 – 2012. The value of equity for the remaining units III to VI out of Rs. 34282.91 lakh for the purpose of return as stated in regulation 5.6.1.7 read with regulation 5.6.1.5, shall be determined considering the value of equity of the inoperative unit derived in terms of the formula laid down under regulation 5.6.1.6(a) of the Tariff Regulations, as amended as under:

$$E_{\text{unit}} = \frac{E_{\text{tot}} \times \{IO_{\text{unit}} \times (0.9085)^{A_{\text{unit}}}\}}{\sum \{IC_{\text{unit}n} \times (0.9085)^{A_{\text{unit}n}}\}}$$

Where,

E_{unit} = Deemed Equity of inoperative unit under consideration.

E_{tot} = Actual Equity against the concerned generating station.

A_{unit} = Age difference of the latest unit and the concerned inoperative unit.

IO_{unit} = Installed capacity of the inoperative unit under consideration.

$IC_{\text{unit}n}$ = Installed capacity of the nth unit of the station.

$A_{\text{unit}n}$ = Age difference of the latest unit and nth unit in completed year.

The units II, III, IV, V & VI were commissioned during the years 1960, 1964, 1964, 1966 and 1987 respectively.

Deemed equity for unit II (E_{unit}) =

$$\frac{\text{Rs. } 34282.91 \text{ lakh} \times \{30 \times (0.9085)^{27}\}}{[30 \times (0.9085)^{27} + 77 \times (0.9085)^{23} + 77 \times (0.9085)^{23} + 77 \times (0.9085)^{21} + 110 \times (0.9085)^1]}$$



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$$\begin{aligned} &= \frac{\text{Rs. } 34282.91 \text{ lakh} \times 2.2485}{139.4525} \\ &= \text{Rs. } 552.77 \text{ lakh} \end{aligned}$$

Therefore, the revised equity base of the remaining units III to VI of DPL is arrived at Rs. 33730.14 lakh (Rs. 34282.91 lakh - Rs. 552.77 lakh).

4.20.4. The Commission now proceeds to determine the average equity base of DPL for generating and distribution functions for the third control period. In terms of the Tariff Regulations, returns on equity base are to be allowed @ 15.5% on generating assets and 16.5% on distribution assets. Thus considering its proportion of gross fixed assets of generation and distribution system at the beginning and closing of the year, the equity base at its opening and closing of the respective year has been arrived at. The detailed computation of the amounts so arrived is shown in annexure 4A and 4B. Based on the computations shown in annexure 4A and 4B, the average equity base for each year of 2011 – 2012, 2012 – 2013 and 2013 – 2014 for generating station and distribution system are as below:

Rupees in lakh

Admitted Average Equity Base					
Sl. No.	Segment		2011 – 2012	2012 – 2013	2013 – 2014
1	Generation	Unit - III –VI	14240.08	13963.69	13963.69
		Unit - VII	48546.70	48546.70	48546.70
		Total	62786.78	62510.39	62510.39
2	Distribution system		16936.92	18211.42	19141.42
3	Overall		79723.70	80721.81	81651.81

4.20.5. It is to be clarified that equity base admitted for allowing returns as shown in the referred annexure are computed for the prospective years and therefore they need adjustments subsequently on the basis of audited accounts. Such adjustments will be carried out at the time of Annual Performance Review for the



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concerned years. The projected incurrence of capital expenditures and the projected equity infusion over the years have been considered subject to verification during APR of the respective years.

4.20.6. The amounts of returns on equity allowable on above amounts of equity base come as under after adjustments for Unit VII in pursuance of regulation 2.8.1.4.13 of the Tariff Regulations.

Rupees in lakh

		Return on Equity as allowed in Tariff Order			
			2011-12	2012-13	2013-14
1	Generating Assets @ 15.5% on average Equity base of generation segment	(a) For Units No. III to VI	2207.21	2164.37	2164.37
		(b) For Unit No. VII			
		Less: In pursuance of regulation 2.8.1.4.13 of the Tariff Regulations, as amended as referred to in paragraph 4.2(i) of this order.	7524.74 (-) 376.24	7524.74 (-) 376.24	7524.74 (-) 376.24
		Net Total for Unit No. VII	7148.50	7148.50	7148.50
		Total Generation	9355.71	9312.87	9312.87
2	Distribution assets @ 16.5% on average equity base of distribution segment	Total Distribution	2794.59	3004.88	3158.33
		Overall :	12150.30	12317.75	12471.20

4.20.7. The return on equity on account of the VIIth unit of the generating station will be withheld to the extent as mentioned in paragraph 4.2(i) for the reasons mentioned therein.

4.21 Interest Credit:

4.21.1. In terms regulation 5.5.3 of the Tariff Regulations, where the actual amount of loan repayment in any year falls short of the depreciation allowable during the year, then interest credit of such excess depreciation charges at the rate of weighted average cost of debt is admissible. DPL has projected Rs.25.19 lakh and Rs. 182.61 lakh as interest credit to be refunded in ARR during 2012 – 2013



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and 2013 – 2014 respectively as chargeable depreciation for Units III to VI is more than the amount of loan repayable for those years. As may be seen in the preceding paragraphs 4.10.2 and 4.10.3 that the Commission has admitted advance against depreciation to DPL due to accrued shortfall in amount of depreciation in repayment of the loan for all the years under third control period in terms of the Tariff Regulations and hence the interest credit is not considered.

4.22 Demurrage:

4.22.1. DPL has projected Rs. 350.48 lakh, Rs. 385.53 lakh and Rs. 424.08 lakh as probable demurrage charges payable during the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively. DPL has not advanced any reason for the need of demurrage charges nor it has submitted any documents in support of the claim.

4.22.2. During the year 2010 – 2011, the actual amount of expenditure was for Rs. 101.12 lakh. In terms of regulation 5.8.1(vi) of the Tariff Regulations, the demurrage charge of railway rake is an indicator of efficiency of rake unloading capability of the generating stations. For existing generating stations, allowance for the demurrage will gradually be reduced to a target in a phased manner within a stipulated period as per regulation 2.8.6 of the Tariff Regulations and when provided under. It appears that DPL has not put any endeavour for gradual reduction of demurrage charge instead the expenditure had gradually been increased over the years as evident from the year 2010 – 2011 and projection for the years 2011 – 2012, 2012 – 2013 and 2013 – 2014.

4.22.3. The Commission could not admit the claim in its present form. However, such need of demurrage charges cannot be ruled out totally in exigencies of generation of power. During Annual Performance Review, DPL may approach the Commission with actual expenditure incurred as per audited annual accounts



with detailed justification and a deliberation with planned gradual reduction of the charge for consideration.

4.23 Development Fund:

4.23.1. DPL, in their MYT petition for the third control period, has proposed for creation of development fund in terms of regulation 5.19 of the Tariff Regulations. For such creation, they have projected the need of Rs. 2539.13 lakh, Rs. 2566.76 lakh and Rs. 2570.87 lakh during the years 2011 – 2012, 2012 – 2013 and 2013 – 2014 respectively and prayed for providing the same as special allocation in the gross revenue requirement for the respective years.

4.23.2. The Commission observes that DPL has neither mentioned the purpose of such fund for a particular function nor they have segregated it function wise. DPL has also not mentioned whether they will be able to comply with all the provisions of the Regulations to maintain such fund. The Commission, therefore, decides not to admit any amount under this head at present.



ANNEXURE – 4A COMPUTATION OF AVERAGE EQUITY BASE FOR GENERATION FUNCTION

Sl. No.	Particulars	2011 - 2012			2012- 2013			2013 - 2014		
		Unit III to VI	Unit VII	Total	Unit III to VI	Unit VII	Total	Unit III to VI	Unit VII	Total
1	Actual equity base at the beginning of the year	34282.91	36256.00	70538.91	33730.14	36256.00	69986.14	33730.14	36256.00	69986.14
2	Admissible equity base at the beginning of the year*	14516.46	48546.70	63063.16	13963.69	48546.70	62510.39	13963.69	48546.70	62510.39
3	Actual addition to / withdrawal of equity base during the year vide paragraph 6.20.3	-552.77	0.00	-552.77	0.00	0.00	0.00	0.00	0.00	0.00
4	Actual equity base at the end of the year (1+3)	33730.14	36256.00	69986.14	33730.14	36256.00	69986.14	33730.14	36256.00	69986.14
5	Net Addition to the original cost of fixed assets during the year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Normative addition to equity base (30% of 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Addition to equity base considered for the year (lower of 3 and 6)	-552.77	0.00	-552.77	0.00	0.00	0.00	0.00	0.00	0.00
8	Admissible equity base considered at the closing of the year (2+7)	13963.69	48546.70	62510.39	13963.69	48546.70	62510.39	13963.69	48546.70	62510.39
9	Average equity base for allowing returns (2+8)/2	14240.08	48546.70	62786.78	13963.69	48546.70	62510.39	13963.69	48546.70	62510.39
*Admissible equity base between Units III to VI and Unit VII at the beginning of the year 2011-2012 has been derived in proportion to the original cost of fixed assets at the end of the year 2010 - 2011 as furnished by DPL in form 1.18.										



ANNEXURE – 4B COMPUTATION OF AVERAGE EQUITY BASE FOR DISTRIBUTION FUNCTION

Sl. No.	Particulars	2011 - 2012	2012 – 2013	2013 – 2014
1	Actual equity base at the beginning of the year vide paragraph 6.20.2	15367.77	17367.77	17916.77
2	Admissible equity base at the beginning of the year	15936.92	17936.92	18485.92
3	Actual addition to / withdrawal of equity base during the year	2000.00	549.00	1311.00
4	Actual equity base at the end of the year (1+3)	17367.77	17916.77	19227.77
5	Net Addition to the original cost of fixed assets during the year as per Form 1.18	7495.27	2600.00	7011.00
6	Normative addition to equity base (30% of 5)	2248.58	780.00	2103.30
7	Addition to equity base considered for the year (lower of 3 and 6)	2000.00	549.00	1311.00
8	Admissible equity base considered at the closing of the year (2+7)	17936.92	18485.92	19796.92
9	Average equity base for allowing returns (2+8)/2	16936.92	18211.42	19141.42



ANNEXURE – 4C

STATEMENT SHOWING THE RECALCULATION OF EQUITY BASE AND RETURN IN RESPECT OF DPL VIDE PARAGRAPH 6.20.2

Sl. No.	Particulars	2008 – 2009 (Revised)	2009 – 2010 (Revised)			2010 – 2011 (Revised)		
			Generation	Distribution	Total	Generation	Distribution	Total
1	Actual equity base at the beginning of the year	76756.00	70732.23	13417.77	84150.00	70732.23	15367.77	86100.00
2	Admissible equity base at the beginning of the year	76756.00	63549.61	13986.92	77536.53	13256.48	15936.92	79193.40
3	Actual addition to equity base during the year	7394.00	0.00	1950.00	1950.00	(193.32)	0.00	(193.32)
4	Actual Equity Base at the end of the year (1+3)	84150.00	70732.23	15367.77	86100.00	70538.91	15367.77	85906.68
5	Net Addition to the original cost of fixed assets during the year	2601.75	(977.10)	8186.85	7209.75	327.63	5626.16	5953.79
6	Normative addition to equity base (30% of 7)	780.53	(293.13)	2456.06	2162.93	98.29	1687.85	1786.14
7	Addition to equity base considered for the year (lower of 3 and 6)	780.53	(293.13)	1950.00	1656.87	(193.32)	0.00	(193.32)
8	Admissible equity base at the closing of the year (2+7)	77536.53	63256.48	15936.92	79193.40	63063.16	15936.92	79000.08
9	Average admissible equity base for allowing returns (2+8)/2	77146.27	63403.05	14961.92	78364.97	63159.82	15936.92	79096.74
10	Allocation of average equity base							
	Generation	68760.57						
	Distribution	8385.70	77146.27					
11	Return Admissible							
	Generation	9626.48						
	Distribution	1257.85	10884.33	9827.47	2468.72	12296.19	9789.77	2629.59
12	Return allowed in APR	10884.33	9827.47	2468.72	12296.19	9789.77	2629.59	12419.36



CHAPTER – 5 SUMMARIZED STATEMENT OF AGGREGATE REVENUE REQUIREMENT FOR THE YEARS 2011-12, 2012-13 & 2013-14 & REVENUE RECOVERABLE THROUGH TARIFF FOR THE YEARS 2011-12 AND 2012 – 2013

- 5.1 Based on the analyses and findings recorded in the foregoing chapters the Commission is now drawing the statements of Aggregate Revenue Requirements (ARR) separately for each of the three years of the third control period covering the years 2011-12, 2012-13 and 2013-14. Such summarized statements are given in Annexure 5A to 5C of this chapter.
- 5.2 In terms of the Tariff Regulations, it is also to ascertain the amount of revenue recoverable through tariff for the years 2011-12 and 2012-13 after carrying out adjustments with the ARR for those years of the recoverable amount determined in Annual Performance Review (APR) for the years 2009-10 and 2010-11 respectively. The Commission in its APR order for 2009-10 dated 24.08.2012 in Case No. APR-18/10-11 has determined the net amount of Rs. 23790.51 lakh recoverable by DPL from its consumers after taking into consideration the adjustments in both variable costs and fixed costs. The Commission in its APR order for 2010-11 dated 24.08.2012 in Case No. APR-28/11-12 has determined the net amount of Rs. 26333.45 lakh recoverable by DPL from its consumers after taking into consideration the adjustments in both variable costs and fixed costs. The Commission now decides to adjust the net recoverable amount of 23790.51 lakh determined in the APR for 2009-10 and 26333.45 lakh determined in APR for 2010-11 with the ARR for 2011 – 12 and 2012 -13 respectively to determine the revenue recoverable through tariff during 2011 – 12 and 2012 -13. The adjustable amounts of Rs. 23790.51 lakh and Rs. 26333.45 lakh for the years 2011 – 2012 and 2012 – 2013 respectively are being allocated to generation and distribution functions in proportion to ARR determined for generation and distribution functions for the years 2011 – 2012 and 2012 – 2013



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respectively. Accordingly, the amounts of revenue to be recovered through tariff for the years 2011 – 12 and 2012 – 13 work out as under:

Rupees in Lakh

REVENUE RECOVERABLE THROUGH TARIFF, CAPACITY CHARGES AND FIXED CHARGES IN 2011-2012				
Sl. No.	Particulars	Generation	Distribution	Total
1	Aggregate Revenue Requirement for 2011-2012	108512.21	15209.82	123722.03
2	Adjustment for APR for 2009-2010	20865.81	2924.70	23790.51
3	Sub Total (1+2)	129378.02	18134.52	147512.54
4	Capacity Charges (4 = 3 - Fuel Cost)	65148.99	-	65148.99
5	Fuel Cost / Power Purchase Cost	64229.03	5173.76	69402.79
6	Fixed charges for Distribution (6 = 3 - Power Purchase Cost)	-	12960.76	12960.76

Rupees in Lakh

REVENUE RECOVERABLE THROUGH TARIFF, CAPACITY CHARGES AND FIXED CHARGES IN 2012-2013				
Sl. No.	Particulars	Generation	Distribution	Total
1	Aggregate Revenue Requirement for 2012-2013	107900.04	13891.43	121791.47
2	Adjustment for APR for 2010-2011	23329.88	3003.57	26333.45
3	Sub Total (1+2)	131229.92	16895.00	148124.92
4	Capacity Charges (4 = 3 - Fuel Cost)	67282.47	-	67282.47
5	Fuel Cost / Power Purchase Cost	63947.45	3655.64	67603.09
6	Fixed charges for Distribution (6 = 3 - Power Purchase Cost)	-	13239.36	13239.36

5.3 The Commission has also worked out the average tariff for the consumers of DPL for 2011-12 and the same is shown in the table below:

AVERAGE TARRIFF FOR CONSUMERS OF DPL in 2011 – 2012			
Sl. No.	Particulars	Unit	Total
1.	Total revenue to be recovered through tariff	Rs. Lakh	147512.54
2.	Revenue from sale of power to WBSEDCL/other licensee	Rs. Lakh	49214.77
3.	Revenue Recoverable for supply of power to the consumers (1-2)	Rs. Lakh	98297.77
4.	Energy sale to the consumers including inter-plant transfer	MU	2475.066
5.	Average tariff for the consumers (Sl.3 x 10 ÷ Sl. 4)	Paisa/ Kwhr	397.15



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5.4 The Commission has also worked out the average tariff for the consumers of DPL for 2012-13 and the same is shown in the table below:

AVERAGE TARRIFF FOR CONSUMERS OF DPL in 2012 – 2013			
Sl. No.	Particulars	Unit	Total
1.	Total revenue to be recovered through tariff	Rs. Lakh	148124.92
2.	Revenue from sale of power to WBSEDCL/other licensee	Rs. Lakh	35171.28
3.	Revenue Recoverable for supply of power to the consumers (1-2)	Rs. Lakh	112953.64
4.	Energy sale to the consumers including inter-plant transfer	MU	2690.818
5.	Average tariff for the consumers (Sl.3 x 10 ÷ Sl. 4)	Paisa/ Kwhr	419.77



ANNEXURE – 5A

Sl. No.	PARTICULARS	GENERATION FIXED COST OF DPL		
		2011 – 2012	2012 – 2013	2013 – 2014
		ADMITTED	ADMITTED	ADMITTED
1	Fuel	64229.03	63947.45	63833.74
2	Employee Cost	5005.73	5456.24	5947.30
3	Centrally Maintained Exp	416.98	454.51	495.41
4	Coal and ash handling expenses	1403.81	1457.04	1457.34
5	Water Charges	3158.54	3149.84	3149.84
6	Operation & Maintenance expenses	6091.96	6268.96	6408.46
7	Rates & Taxes	0.00	0.00	0.00
8	Insurance	98.46	108.31	119.14
9	Depreciation	5387.60	5592.44	5592.44
10	Advance Against Depreciation	2718.51	2194.73	1263.67
11	Write off of Intangible assets	0.00	0.00	0.00
12	Interest on borrowed Capital	8929.28	8357.09	7692.16
13	Interest on Working Capital	629.96	628.24	626.90
14	Other Finance Charges	828.58	719.69	626.18
15	Income tax	0.00	0.00	0.00
16	Reserve for unforeseen exigencies	426.53	422.78	422.78
17	ROE	9355.71	9312.87	9312.87
18	Demurrage	0.00	0.00	0.00
19	Development Fund	0.00	0.00	0.00
20	Gross Revenue requirement (20 = sum 1 to 19)	108680.68	108070.19	106948.23
21	Less Misc. other income	168.47	170.15	171.85
22	Less: Interest Credit	0.00	0.00	0.00
23	Net Total Revenue Required (23 = 20 – 21 - 22)	108512.21	107900.04	106776.38

**ANNEXURE – 5B****FIXED COST OF DISTRIBUTION FUNCTION OF DPL IN LAKH**

Sl. No.	Particulars	2011 – 2012	2012 – 2013	2013 – 2014
		ADMITTED	ADMITTED	ADMITTED
1	Power Purchase Cost	5173.76	3655.64	5317.08
2	Employee Cost	1118.81	1219.50	1329.26
3	Centrally Maintained Employee Expenses	111.88	121.95	132.93
4	Water Charges	25.48	25.48	25.48
5	Operation & Maintenance Expenses			
	(a) Other Administrative & General Expenses.	321.20	337.26	354.12
	(b) Legal & professional Charges	37.18	39.04	40.99
	(c) Audit Fees	0.68	0.71	0.75
	(d) Repair & Maintenance including Consumables	1782.07	1871.17	1964.73
	Total	2141.13	2248.18	2360.59
6	Interest on borrowed capital	1638.13	2047.65	2395.63
7	Interest on working capital	0.00	0.00	0.00
8	Other Finance Charges	150.71	157.95	157.10
9	Interest on consumers' security deposit	26.38	29.01	31.92
10	Depreciation	1481.49	1642.62	1645.62
11	Advance against Depreciation	823.85	0.00	0.00
12	Write off of Intangible assets	0.00	0.00	0.00
13	Bad debts written off	0.00	0.00	0.00
14	Reserve for unforeseen exigencies	77.35	95.85	102.35
15	ROE	2794.59	3004.88	3158.33
16	Gross Revenue requirement	15563.56	14248.71	16656.29
17	Less Misc. other income	353.74	357.28	360.85
18	Net Total Revenue Required	15209.82	13891.43	16295.44

**ANNEXURE – 5C**

Sl. No.	PARTICULARS	TOTAL AGGREGATE REVENUE OF DPL		
		2011 – 2012	2012 – 2013	2013 – 2014
		ADMITTED	ADMITTED	ADMITTED
1	Fuel	64229.03	63947.45	63833.74
2	Power Purchase	5173.76	3655.64	5317.08
3	Employee Cost	6124.54	6675.74	7276.56
4	Centrally Maintained Exp	528.86	576.46	628.34
5	Coal and ash handling expenses	1403.81	1457.04	1457.34
6	Water Charges	3184.02	3175.32	3175.32
7	Operation & Maintenance expenses	8233.09	8517.14	8769.05
8	Rates & Taxes	0.00	0.00	0.00
9	Insurance	98.46	108.31	119.14
10	Depreciation	6869.09	7235.06	7238.06
11	Advance Against Depreciation	3542.36	2194.73	1263.67
12	Write off of Intangible assets	0.00	0.00	0.00
13	Interest on borrowed Capital	10567.41	10404.74	10087.79
14	Interest on Working Capital	629.96	628.24	626.90
15	Other Finance Charges	979.29	877.64	783.28
16	Bad Debts written off	0.00	0.00	0.00
17	Income tax	0.00	0.00	0.00
18	Interest on Consumers' Security Deposit	26.38	29.01	31.92
19	Reserve for unforeseen exigencies	503.88	518.63	525.13
20	ROE	12150.30	12317.75	12471.20
21	Demurrage	0.00	0.00	0.00
22	Development Fund	0.00	0.00	0.00
23	Gross Revenue requirement (23 = sum 1 to 22)	124244.24	122318.90	123604.52
24	Less Misc. other income	522.21	527.43	532.70
25	Less: Interest Credit	0.00	0.00	0.00
26	Net Total Revenue Required (26 = 23 - 24 - 25)	123722.03	121791.47	123071.82



CHAPTER - 6 TARIFF ORDER FOR 2011 – 2012

- 6.1 As mentioned in the previous chapter, the Commission, in accordance with the Tariff Regulations, has determined for DPL the Aggregate Revenue Requirement (ARR) for each year of the third control period, covering the years 2011-12 to 2013-14, and the revenue recoverable through tariff during 2011-12 and 2012-13 after all the necessary adjustment as discussed in chapter 5. The tariff schedule applicable to the consumers of DPL in 2011-12 and the associated terms and conditions are as follows.
- 6.2 The tariff schedule as applicable to the consumers of DPL in the year 2011 – 2012 is given at Annexure-6A1 for LV and MV consumers and at Annexure-6A2 for HV and EHV consumers.
- 6.3 Details of different tariff schemes of different classes of consumers and various associated terms and conditions are specified in various regulations and in Annexure – C1 and Annexure – C2 of the Tariff Regulations. Other associated conditions of the tariff for 2011 – 2012 shall be as follows.
- 6.3.1 In order to reduce the overall system T&D loss and to flatten the load curve by improving the existing system load factor of DPL, the HT consumers shall receive a voltage wise graded load factor rebate as per the following table:

LOAD FACTOR REBATE (Paise / KWH)

Range of Load Factor (LF)		Supply Voltage		
		11 kV	33 kV	132 kV
Above 55%	Up to 60%	1	2	3
Above 60%	Up to 65%	2	3	4
Above 65%	Up to 70%	3	4	5
Above 70%	Up to 75%	10	11	12
Above 75%	Up to 80%	12	13	14
Above 80%	Up to 85%	14	15	16
Above 85%	Up to 90%	16	17	18
Above 90%	Up to 92%	18	19	20
Above 92%	Up to 95%	22	24	25
Above 95%		25	27	28



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

- 6.3.2 The above load factor rebate shall be applicable on quantum of energy consumed in a billing period in excess of the energy that would have been consumed at 55% load factor during that billing period (for example one 11 KV consumer at 85% load factor shall be eligible for a rebate @ 14 paise / KWh on the total quantum of energy consumed in a billing period).
- 6.3.3 Load factor surcharge shall continue at the prevailing rate for those categories of consumers to whom these are applicable at present.
- 6.3.4 Load factor rebate and load factor surcharge shall be computed in accordance with the formula and associated principles given in regulations 3.9.2, 3.9.3 and 3.9.4 of the Tariff Regulations and at the rates mentioned in paragraphs 6.3.1 and 6.3.3 above, as the case may be.
- 6.3.5 The fixed charge shall be applicable to different categories of consumers at the rates as shown in Annexure 6A1 and Annexure 6A2 of this tariff order.
- 6.3.6 The demand charge shall be applicable to different categories of consumers as per rates as shown in Annexure 6A1 and Annexure 6A2 of this order on the basis of recorded demand as specified in regulation 4.3.3 of the Tariff Regulations subject to the conditions as specified in the Tariff Regulations.
- 6.3.7 When a new consumer gets connected to the system, the computation of fixed charge or demand charge for that month shall be made pro-rata for the number of days of supply in that particular month.
- 6.3.8 Subject to the conditions as specified in regulation 4.13 of the Tariff Regulations, the minimum charge shall continue at the existing level for all consumers.



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

6.3.9 Since 2011-12 is already over, thus for a consumer the applicable rate of temporary supply shall be the same rate at which he had already been charged.

6.3.10 The power factor rebate and surcharge shall continue for those categories of consumers to whom these are applicable at present. The rate of rebate and surcharge and methods of calculation of such rebate and surcharge for the year 2011 – 2012 are given below:

Power Factor (PF) Range	Power Factor Rebate & Surcharge on Energy Charge in Percentage for the year 2011-12							
	For Consumers under TOD Tariff						For Consumers under non-TOD Tariff	
	Normal Period (6.00 AM to 5.00 PM)		Peak Period (5.00 PM to 11.00 PM)		Off-peak Period (11.00 PM to 6.00 AM)			
	Rebate in %	Surcharge in %	Rebate in %	Surcharge in %	Rebate in %	Surcharge in %	Rebate in %	Surcharge in %
PF > 0.99	7.00	0.00	8.00	0.00	6.00	0.00	5.00	0.00
PF > 0.98 & PF ≤ 0.99	6.00	0.00	7.00	0.00	5.00	0.00	4.00	0.00
PF > 0.97 & PF ≤ 0.98	5.00	0.00	6.00	0.00	4.00	0.00	3.00	0.00
PF > 0.96 & PF ≤ 0.97	4.00	0.00	5.00	0.00	3.00	0.00	2.50	0.00
PF > 0.95 & PF ≤ 0.96	3.00	0.00	4.00	0.00	2.00	0.00	2.00	0.00
PF > 0.94 & PF ≤ 0.95	2.25	0.00	3.00	0.00	1.50	0.00	1.50	0.00
PF ≥ 0.93 & PF ≤ 0.94	1.50	0.00	2.00	0.00	1.00	0.00	1.00	0.00
PF ≥ 0.92 & PF < 0.93	0.75	0.00	1.00	0.00	0.50	0.00	0.50	0.00
PF ≥ 0.86 & PF < 0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PF ≥ 0.85 & PF < 0.86	0.00	1.00	0.00	1.25	0.00	0.75	0.00	0.75
PF ≥ 0.84 & PF < 0.85	0.00	2.00	0.00	2.50	0.00	1.50	0.00	1.50
PF ≥ 0.83 & PF < 0.84	0.00	2.50	0.00	3.25	0.00	1.75	0.00	1.75
PF ≥ 0.82 & PF < 0.83	0.00	3.00	0.00	4.00	0.00	2.00	0.00	2.00
PF ≥ 0.81 & PF < 0.82	0.00	4.00	0.00	5.00	0.00	3.00	0.00	2.50
PF ≥ 0.80 & PF < 0.81	0.00	5.00	0.00	6.00	0.00	4.00	0.00	3.00
PF < 0.80	0.00	6.00	0.00	7.00	0.00	5.00	0.00	3.50

6.3.10.1 The rebate and surcharge against different time periods shall be reflected in the bill separately and shall be treated separately.



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- 6.3.11 For short-term supply, emergency supply and supply for construction power no rebate or surcharge will be applicable for power factor and load factor.
- 6.3.12 Delayed payment surcharge shall be applicable as per regulation 4.14 of the Tariff Regulations.
- 6.3.13 All existing charges relating to meter rent, meter testing, meter replacement, fuse call charges, disconnection and reconnection etc. shall continue.
- 6.3.14 A consumer opting for pre-paid meter shall not be required to make any security deposit on the energy charge.
- 6.3.15 All statutory levies like Electricity Duty or any other taxes, duties etc. imposed by the State Govt. / Central Govt. or any other competent authority shall be extra and shall not be a part of the tariff as determined in this order.
- 6.3.16 All the rates and conditions of tariff for 2011-12 are effective from 1st April 2011 and shall remain valid up to 31st March 2012 except where specific date is mentioned.
- 6.3.17 For 2011-12 the consumer/licensee shall have to pay/shall be refunded the difference of the following two:
- i) tariff as declared under this order for 2011-12, 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 2011-12 along with the same for 2012-13 from the energy recipients shall be made in 36 (thirty-six) equal monthly installments through subsequent energy bills and such adjustment will start from the energy bill raised on or after 1st January, 2013.



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- 6.3.18 There will be no separate monthly variable cost adjustment (MVCA) or Adhoc FPPCA for DPL on and from the date of effect of this order uptill 31st March 2012. The MVCA or Adhoc FPPCA realized by WBSEDCL during the year 2011-12 shall be adjusted in computation of any adjustments for over/under recovery from the energy recipients as mentioned in paragraph 6.3.17 above.
- 6.3.19 In addition to the tariff determined under this tariff order, DPL would further be entitled to additional sums towards enhanced cost of fuel and power purchase, if any, after the date from which this tariff order takes effect. The fuel and power purchase cost shall be subject to adjustment in accordance with the Tariff Regulations through FPPCA.
- 6.3.20.1 Optional TOD tariff scheme for LT Commercial, LT Industrial and LT Public Water Works categories of consumers having minimum contract demand of 30 KVA, which was directed to be introduced in the tariff order for 2007-08, shall continue and energy charge under such scheme shall be computed according to regulation 4.12 of the Tariff Regulations, wherever applicable, if no tariff rates for such consumers are mentioned in the tariff schedule.
- 6.3.20.2 For any pre-paid and TOD tariff scheme, other charges shall be the charges applicable to consumers under respective category of non-TOD tariff.
- 6.3.21 An applicant for short term supply through pre-paid meter shall have to comply with all necessary formalities for obtaining supply including payments in accordance with the Regulations made by the Commission. The same will be subject to the following conditions:
- a) Provision of requisite meter security deposit to be kept with the licensee.
 - b) Provision of space for installing weather-proof, safe and secured terminal services apparatus to protect sophisticated meter; and



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

- c) Availability of prepaid-meter of appropriate capacity.
- 6.3.22 For a consumer with prepaid meter who has purchased voucher prior to the date of issue of this order, the existing voucher will continue till such voucher is exhausted.
- 6.3.23 To avail the rate for street lighting with LED (Rate D (2)), the supply should be metered and all the street lights under the same meter shall be illuminated with LED. For mixed type of street lights under single meter the rate D(1) shall be applicable.
- 6.3.24 The tariffs determined under this order for different categories of consumers are the maximum ceilings for supply of electricity at any agreed price to the consumers only for those areas of supply of DPL where multiple licensees exist. However, if supply is effected to a consumer at a price lesser than the upper ceiling, and as a result the licensee incurs loss, such loss shall not be allowed to be passed on to any other consumers or any other distribution licensees of the Commission.
- 6.3.25 The selling price of electricity by DPL to WBSEDCL during the year 2011 – 2012 shall be as per Annexure – 6A3.
- 6.4 Any matter, which has not been explicitly mentioned in this order, shall be guided by regulations 2.9.8 and 2.9.9 of the Tariff Regulations.
- 6.5 It is open to the State Government to grant any subsidy to any consumer or any class of consumers in the tariff determined by the Commission for DPL. If at all any such subsidy under the provisions of the Act is intimated to DPL and to the Commission by the Government of West Bengal with clear indication of the consumer or class of consumers to be subsidized and the amount of the subsidy



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- proposed to be given is paid in advance, the tariff of such consumer and / or the class of consumers shall be deemed to have been reduced accordingly as has been indicated by the State Government. However, such direction of the State Government shall not be operative till the payment is made by the State Government in accordance with the provisions of the Act and the Regulations made thereunder and the tariff as fixed by the Commission shall remain applicable. In accordance with the Tariff Regulations, the State Government is required to communicate, within 15 days from the date of receipt of a tariff order, whether it shall give any subsidy to any group of consumers etc.
- 6.6 DPL shall present to the Commission a gist of 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 shall publish the approved gist in terms of aforesaid regulation within four working days from the date of receipt of the approval of the Commission.



LOW AND MEDIUM VOLTAGE CONSUMERS

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		
1.	Life Line Consumer (Domestic)		Normal	0 to 25		199	5	NOT APPLICABLE					NOT APPLICABLE				
2.	Domestic (Rural) or Domestic (Urban)	Rate C(3R)/ C(3U)	Normal	First	25	260	10	Rate C(3R)pp/ C(3U)pp	Prepaid	All Units	320	10	NOT APPLICABLE				
				Next	25	334											
				Next	50	348											
				Next	100	382											
				Next	100	384											
Above	300	399															
3.	Commercial (Rural) or Commercial (Urban)	Rate C(4-R) / C(4-U)	Normal	First	60	346	12	Rate C(4-R)pp/C(4-U)pp	Normal TOD	06.00 hrs to 17.00 hrs	351	12	Rate C(4-R)pp/C(4-U)pp	Prepaid-TOD	06.00 hrs to 17.00 hrs	346	12
				Next	40	386				17.00 hrs to 23.00 hrs.	386				17.00 hrs to 23.00 hrs.	381	
				Next	200	389				23.00 hrs to 06.00 hrs.	326				23.00 hrs to 06.00 hrs.	322	
				above	300	397											
4.	Irrigation pumping for Agriculture	Rate C(5)	Normal TOD	06.00 hrs to 17.00 hrs	All units	245	20	Rate C(5t)	Pre-Paid TOD	06.00 hrs to 17.00 hrs	All units	240	NOT APPLICABLE				
				17.00 hrs to 23.00 hrs.	All units	490				17.00 hrs to 23.00 hrs.	All units	480					
				23.00 hrs to 06.00 hrs	All units	134				23.00 hrs to 06.00 hrs	All units	131					



LOW AND MEDIUM VOLTAGE CONSUMERS

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	
5.	Commercial Plantation	Rate C(4) cp	Prepaid-TOD	06.00 hrs to 17.00 hrs	All units	392	20	NOT APPLICABLE				NOT APPLICABLE				
				17.00 hrs to 23.00 hrs.	All units	630										
				23.00 hrs to 06.00 hrs	All units	259										
6.	Short Term Irrigation Supply	Rate C(5)-stis	Prepaid-TOD	06.00 hrs to 17.00 hrs	All units	387	20	NOT APPLICABLE				NOT APPLICABLE				
				17.00 hrs to 23.00 hrs.	All units	620										
				23.00 hrs to 06.00 hrs	All units	255										
7.	Short Term supply for Commercial Plantation	Rate C(4)-stcp	Prepaid-TOD	06.00 hrs to 17.00 hrs	All units	397	20	NOT APPLICABLE				NOT APPLICABLE				
				17.00 hrs to 23.00 hrs.	All units	638										
				23.00 hrs to 06.00 hrs	All units	262										



LOW AND MEDIUM VOLTAGE CONSUMERS

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		
8.	Short-term Supply	Rate C(sts)	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	447	40	NOT APPLICABLE				NOT APPLICABLE							
				17.00 hrs to 23.00 hrs.	All units	492													
				23.00 hrs to 06.00 hrs	All units	414													
9.	Public utility /Specified Institution Public Bodies	Rate C(2-U)	Normal	On all Units		381	12	Rate C(2-U)pp	Prepaid	On all Units		370	12	Rate C (2-U) ppt	Prepaid TOD	06.00 hrs. - 17.00 hrs. & 20.00 hrs - 23.00 hrs.	On all units	365	12
	In Municipal Area/ Non-Municipal Area			17.00 hrs to 20.00 hrs.	On all units	401													
				23.00 hrs to 06.00 hrs	On all units	340													
10.	Cottage Industry / Artisan / Weavers / Small production oriented establishment	Rate C(4 - ii)	Normal	First	100	338	12	Rate C(4 - ii) ppt	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	353	12	NOT APPLICABLE					
				Next	200	396				17.00 hrs to 23.00 hrs	All units	388							
				Above	300	408				23.00 hrs to 06.00 hrs	All units	329							



LOW AND MEDIUM VOLTAGE CONSUMERS

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.	Poultry, Duckery, Horticulture, Tissue culture, Floriculture, Herbal – Medicinal – Bio-diesel Plant Farming, Food Processing Unit	Rate C(4 -iii)	Normal	First	100	347	12	Rate C(4 -iii)ppt	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	363	12	NOT APPLICABLE				
				Next	200	362				17.00 hrs to 23.00 hrs	All units	399						
				Above	300	409				23.00 hrs to 06.00 hrs	All units	338						
12.	Public Water Works & Sewerage System	Rate B (II)	Normal	On all Units		381	30	Rate B (II)ppt	Prepaid - TOD	06.00 hrs. – 17.00 hrs. & 20.00 hrs - 23.00 hrs.	All Units	372	30	NOT APPLICABLE				
										17.00 hrs to 20.00 hrs.	All Units	520						
										23.00 hrs to 06.00 hrs	All Units	246						
13.	Industry (Rural) or Industry (Urban)	Rate C(1)	Normal	First	500	385	25	Rate C(1t)	Normal - TOD	06.00 hrs to 17.00 hrs	All Units	389	25	NOT APPLICABLE				
				Above	500	396				17.00 hrs to 23.00 hrs	All Units	545						
											23.00 hrs to 06.00 hrs	All Units						
14.	Street Lighting	Rate D(1)	Normal	On all Units		357	30	NOT APPLICABLE				NOT APPLICABLE						



LOW AND MEDIUM VOLTAGE CONSUMERS

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		
15	Street Lighting (LED)	Rate D(3)	Normal	On all Units		333	30	NOT APPLICABLE					NOT APPLICABLE				
16.	Private Educational Institutions and Hospitals	Rate D(5)	Normal	On all Units		399	30	Rate D(5)t	Normal TOD	06.00 hrs to 17.00 hrs & 20.00 hrs to 23.00 hrs	On all Units	389	30	NOT APPLICABLE			
										17.00 hrs to 20.00 hrs	On all Units	428					
										23.00 hrs to 06.00 hrs	On all Units	362					
17.	Emergency Supply	Rate D(6)	Prepaid-TOD	06.00 hrs to 17.00 hrs	On all Units	518	40	NOT APPLICABLE					NOT APPLICABLE				
				17.00 hrs to 23.00 hrs	On all Units	725											
				23.00 hrs to 06.00 hrs	On all Units	342											



LOW AND MEDIUM VOLTAGE CONSUMERS

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	
18.	Construction Power Supply	Rate D(7)	Prepaid-TOD	06.00 hrs. – 17.00 hrs. & 20.00 hrs to 23.00 hrs	On all Units	396	24	NOT APPLICABLE					NOT APPLICABLE			
				17.00 hrs to 20.00 hrs.	On all Units	475										
				23.00 hrs to 06.00 hrs	On all Units	261										
19.	Bulk Supply at single point to Co-operative Group Housing Society for providing power to its members or person for providing power to its employees in a single premises	Rate D(2)	Normal	All units	328	20	Rate D(2t)	Normal - TOD	06.00 hrs to 17.00 hrs	On all Units	323	20	NOT APPLICABLE			
									17.00 hrs to 23.00 hrs	On all Units	355					
									23.00 hrs to 06.00 hrs	On all Units	300					



LOW AND MEDIUM VOLTAGE CONSUMERS

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				
				Monthly consumption in KWH	On all Units			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.	Common Services of Industrial Estate	Rate D(8)	Prepaid - TOD	06.00 hrs. – 17.00 hrs. & 20.00 hrs to 23.00 hrs	On all Units	384	30	NOT APPLICABLE					NOT APPLICABLE				
				17.00 hrs to 20.00 hrs.	On all Units	538											
				23.00 hrs to 06.00 hrs	On all Units	253											

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

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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 (11 KV)	Rate A(2)	Normal	All Units		292	290	288	264	Rate A(2t)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	290	288	286	264
												17.00 hrs-20.00 hrs	All Units	319	317	315	
												23.00 hrs-06.00 hrs	All Units	270	268	266	
2	Public Utility (33 KV)	Rate F(2)	Normal	All Units		282	280	278	264	Rate F(2t)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	280	278	276	264
												17.00 hrs-20.00 hrs	All Units	302	299	297	
												23.00 hrs-06.00 hrs	All Units	261	259	257	
3	Industries (11 KV)	Rate A(1a)	Normal	All Units		372	370	368	264	Rate A(1t)	TOD	06.00 hrs-17.00 hrs	All Units	370	368	366	264
												17.00 hrs-23.00 hrs	All Units	500	497	494	
												23.00 hrs-06.00 hrs	All Units	259	258	256	
4	Industries (33 KV)	Rate F(1a)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	357	355	353	264	NOT APPLICABLE							
				17.00 hrs-23.00 hrs	All Units	482	479	477									
				23.00 hrs-06.00 hrs	All Units	250	249	247									



HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme						
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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	
5	Industries (132 KV)	Rate G(1a)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	347	345	343	264	NOT APPLICABLE					
				17.00 hrs-23.00 hrs	All Units	468	466	463							
				23.00 hrs-06.00 hrs	All Units	243	242	240							
6	Community Irrigation/ Irrigation	Rate S(gt)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	353	351	349	18	NOT APPLICABLE					
				17.00 hrs-23.00 hrs	All Units	706	702	698							
				23.00 hrs-06.00 hrs	All Units	233	232	230							
7	Commercial Plantation	Rate S(cpt)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	355	353	351	264	NOT APPLICABLE					
				17.00 hrs-23.00 hrs	All Units	568	565	562							
				23.00 hrs-06.00 hrs	All Units	234	233	232							
8	Short Term Irrigation Supply	Rate S(stis)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	375	373	371	18	NOT APPLICABLE					
				17.00 hrs-23.00 hrs	All Units	750	740	742							
				23.00 hrs-06.00 hrs	All Units	248	246	245							



HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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	
9	Short Term Supply for Commercial Plantation	Rate S(stcp)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	360	358	356	264	NOT APPLICABLE							
				17.00 hrs-23.00 hrs	All Units	576	573	570									
				23.00 hrs-06.00 hrs	All Units	238	236	235									
10	Commercial (11 KV)	Rate A(3)	Normal	All Units		390	385	380	264	Rate A(3t)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	371	366	361	264
												17.00 hrs-23.00 hrs	All Units	490	483	477	
												23.00 hrs-06.00 hrs	All Units	267	264	260	
11	Commercial (33 KV)	Rate F(3)	Normal	All Units		375	373	371	264	Rate F(3t)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	362	357	352	264
												17.00 hrs-23.00 hrs	All Units	478	471	485	
												23.00 hrs-06.00 hrs	All Units	261	257	253	
12	Commercial (132 KV)	Rate G(3)	Normal	All Units		369	367	365	264	Rate G(3t)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	356	351	346	264
												17.00 hrs-23.00 hrs	All Units	498	491	484	
												23.00 hrs-06.00 hrs	All Units	256	253	249	



HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme							
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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		
13	Domestic	Rate S(d)	Normal	All Units	374	372	370	18	Rate S(dt)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	368	366	364	18
											17.00 hrs-23.00 hrs	All Units	405	403	400	
											23.00 hrs-06.00 hrs	All Units	353	351	349	
14	Public Water Works & Sewerage (11 KV)	Rate E (pw)	Normal	All Units	348	346	344	264	Rate E(pwt)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	337	332	327	264
											17.00 hrs-20.00 hrs	All Units	472	465	458	
											23.00 hrs-06.00 hrs	All Units	222	219	216	
15	Public Water Works & Sewerage (33 KV)	Rate F(pw)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	335	333	331	264	NOT APPLICABLE						
				17.00 hrs-20.00 hrs	All Units	469	466	463								
				23.00 hrs-06.00 hrs	All Units	221	220	218								
16	Sports Complex & Auditorium run by Govt./ local bodies for cultural affairs	Rate S(c)	Normal	All Units	379	377	375	24	NOT APPLICABLE							



HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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	
17	Cold storage or Dairy with Chilling Plant (11 KV)	Rate A(4-pi)	Normal	All Units		380	377	374	264	Rate A(4-pit)	Normal - TOD	06.00 hrs-17.00 hrs All Units	370	367	364	264	
											17.00 hrs-23.00 hrs All Units	488	484	480			
											23.00 hrs-06.00 hrs All Units	266	264	262			
18	Emergency Supply	Rate S (ES)	Normal-TOD	06.00 hrs-17.00 hrs All Units	411	401	391	264	NOT APPLICABLE								
				17.00 hrs-23.00 hrs All Units	575	561	547										
				23.00 hrs-06.00 hrs All Units	329	321	313										
19	Construction Power Supply	Rate S(con)	Normal-TOD	06.00 hrs-17.00 hrs & 20.00 hrs.-23.00 hrs All Units	341	331	321	264	NOT APPLICABLE								
				17.00 hrs-20.00 hrs All Units	406	392	377										
				23.00 hrs-06.00 hrs All Units	256	248	241										
20	Bulk Supply at single point to 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		353	350	347	18	Rate S(cot)	Normal - TOD	06.00 hrs-17.00 hrs All Units	349	346	343	18	
											17.00 hrs-23.00 hrs All Units	384	381	377			
											23.00 hrs-06.00 hrs All Units	325	322	319			



HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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	
21	Common Services of Industrial Estate	Rate – E (ict)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs.- 23.00 hrs		352	342	332	264	NOT APPLICABLE							
				17.00 hrs-20.00 hrs		493	479	465									
				23.00 hrs-06.00 hrs		232	226	219									
22	Traction (25 KV)	Rate T (a)	Normal	All Units		389	379	369	264	NOT APPLICABLE							
23	Traction (132 KV)	Rate T (b)	Normal	All Units		384	374	364	264	NOT APPLICABLE							
24	Short-term Supply	Rate S(st)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	399	397	395	264	NOT APPLICABLE							
				17.00 hrs-23.00 hrs	All Units	427	425	423									
				23.00 hrs-06.00 hrs	All Units	371	369	367									
25	Private Educational Institutions	Rate E (ei)	Normal	All Units		385	380	375	264	Rate E (eit)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	371	366	361	264
											17.00 hrs-23.00 hrs	All Units	408	403	397		
											23.00 hrs-06.00 hrs	All Units	345	340	336		
26	Inter Plant Transfer	Rate IPT	Normal	All Units		397.15	397.15	397.15	0	NOT APPLICABLE							



ANNEXURE - 6A3

**ENERGY SALE RATE OF DPL TO WBSEDCL
IN 132 KV IN PAISA / KWH FOR 2011 – 2012**

Period	Summer	Monsoon	Winter
Peak	381.79	380.79	379.79
Normal	376.84	375.84	374.84
Off Peak	374.74	373.74	372.74

**ENERGY SALE RATE OF DPL TO WBSEDCL
IN RADIAL MODE IN PAISA / KWH FOR 2011 – 2012**

Licensee	Summer	Monsoon	Winter
WBSEDCL	393.70	391.50	388.30



CHAPTER - 7 TARIFF ORDER FOR 2012 – 2013

- 7.1 As mentioned in the previous chapter, the Commission, in accordance with the Tariff Regulations, has determined for DPL the Aggregate Revenue Requirement (ARR) for each year of the third control period, covering the years 2011-12 to 2013-14, and the revenue recoverable through tariff during 2011-12 and 2012-13 after all the necessary adjustment as discussed in chapter 5. The tariff schedule applicable to the consumers of DPL in 2012-13 and the associated terms and conditions are as follows.
- 7.2 The tariff schedule as applicable to the consumers of DPL in the year 2012 – 2013 is given at Annexure-7A1 for LV and MV consumers and at Annexure-7A2 for HV and EHV consumers.
- 7.3 Details of different tariff schemes of different classes of consumers and various associated terms and conditions are specified in various regulations and in Annexure – C1 and Annexure – C2 of the Tariff Regulations. Other associated conditions of the tariff for 2012 – 2013 shall be as follows.
- 7.3.1 In order to reduce the overall system T&D loss and to flatten the load curve by improving the existing system load factor of DPL, the HT consumers shall receive a voltage wise graded load factor rebate as per the following table:

LOAD FACTOR REBATE (Paise / KWH)

Range of Load Factor (LF)		Supply Voltage		
		11 kV	33 kV	132 kV
Above 55%	Up to 60%	1	2	3
Above 60%	Up to 65%	2	3	4
Above 65%	Up to 70%	3	4	5
Above 70%	Up to 75%	10	11	12
Above 75%	Up to 80%	12	13	14
Above 80%	Up to 85%	14	15	16
Above 85%	Up to 90%	16	17	18
Above 90%	Up to 92%	18	19	20
Above 92%	Up to 95%	22	24	25
Above 95%		25	27	28



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

- 7.3.2 The above load factor rebate shall be applicable on quantum of energy consumed in a billing period in excess of the energy that would have been consumed at 55% load factor during that billing period (for example one 11 KV consumer at 85% load factor shall be eligible for a rebate @ 14 paise / KWh on the total quantum of energy consumed in a billing period).
- 7.3.3 Load factor surcharge shall continue at the prevailing rate for those categories of consumers to whom these are applicable at present.
- 7.3.4 Load factor rebate and load factor surcharge shall be computed in accordance with the formula and associated principles given in regulations 3.9.2, 3.9.3 and 3.9.4 of the Tariff Regulations and at the rates mentioned in paragraphs 7.3.1 and 7.3.3 above, as the case may be.
- 7.3.5 The fixed charge shall be applicable to different categories of consumers at the rates as shown in Annexure 7A1 and Annexure 7A2 of this tariff order.
- 7.3.6 The demand charge shall be applicable to different categories of consumers as per rates as shown in Annexure 7A1 and Annexure 7A2 of this order on the basis of recorded demand as specified in regulation 4.3.3 of the Tariff Regulations subject to the conditions as specified in the Tariff Regulations.
- 7.3.7 When a new consumer gets connected to the system, the computation of fixed charge or demand charge for that month shall be made pro-rata for the number of days of supply in that particular month.
- 7.3.8 Subject to the conditions as specified in regulation 4.13 of the Tariff Regulations, the minimum charge shall continue at the existing level for all consumers.



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

7.3.9 The applicable rate of temporary supply for a consumer during the year 2012 – 2013 shall be the same rate as that of the rate applicable for the year 2011 – 2012 at which he is being charged.

7.3.10 The power factor rebate and surcharge shall continue for those categories of consumers to whom these are applicable at present. The rate of rebate and surcharge and methods of calculation of such rebate and surcharge for the year 2012 – 2013 are given below:

Power Factor (PF) Range	Power Factor Rebate & Surcharge on Energy Charge in Percentage for the year 2012-13							
	For Consumers under TOD Tariff						For Consumers under non-TOD Tariff	
	Normal Period (6.00 AM to 5.00 PM)		Peak Period (5.00 PM to 11.00 PM)		Off-peak Period (11.00 PM to 6.00 AM)			
	Rebate in %	Surcharge in %	Rebate in %	Surcharge in %	Rebate in %	Surcharge in %	Rebate in %	Surcharge in %
PF > 0.99	7.00	0.00	8.00	0.00	6.00	0.00	5.00	0.00
PF > 0.98 & PF ≤ 0.99	6.00	0.00	7.00	0.00	5.00	0.00	4.00	0.00
PF > 0.97 & PF ≤ 0.98	5.00	0.00	6.00	0.00	4.00	0.00	3.00	0.00
PF > 0.96 & PF ≤ 0.97	4.00	0.00	5.00	0.00	3.00	0.00	2.50	0.00
PF > 0.95 & PF ≤ 0.96	3.00	0.00	4.00	0.00	2.00	0.00	2.00	0.00
PF > 0.94 & PF ≤ 0.95	2.25	0.00	3.00	0.00	1.50	0.00	1.50	0.00
PF ≥ 0.93 & PF ≤ 0.94	1.50	0.00	2.00	0.00	1.00	0.00	1.00	0.00
PF ≥ 0.92 & PF < 0.93	0.75	0.00	1.00	0.00	0.50	0.00	0.50	0.00
PF ≥ 0.86 & PF < 0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PF ≥ 0.85 & PF < 0.86	0.00	1.00	0.00	1.25	0.00	0.75	0.00	0.75
PF ≥ 0.84 & PF < 0.85	0.00	2.00	0.00	2.50	0.00	1.50	0.00	1.50
PF ≥ 0.83 & PF < 0.84	0.00	2.50	0.00	3.25	0.00	1.75	0.00	1.75
PF ≥ 0.82 & PF < 0.83	0.00	3.00	0.00	4.00	0.00	2.00	0.00	2.00
PF ≥ 0.81 & PF < 0.82	0.00	4.00	0.00	5.00	0.00	3.00	0.00	2.50
PF ≥ 0.80 & PF < 0.81	0.00	5.00	0.00	6.00	0.00	4.00	0.00	3.00
PF < 0.80	0.00	6.00	0.00	7.00	0.00	5.00	0.00	3.50

7.3.10.1 The rebate and surcharge against different time periods shall be reflected in the bill separately and shall be treated separately.



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

- 7.3.11 For short-term supply, emergency supply and supply for construction power no rebate or surcharge will be applicable for power factor and load factor.
- 7.3.12 Delayed payment surcharge shall be applicable as per regulation 4.14 of the Tariff Regulations.
- 7.3.13 All existing charges relating to meter rent, meter testing, meter replacement, fuse call charges, disconnection and reconnection etc. shall continue.
- 7.3.14 A consumer opting for pre-paid meter shall not be required to make any security deposit on the energy charge.
- 7.3.15 All statutory levies like Electricity Duty or any other taxes, duties etc. imposed by the State Govt. / Central Govt. or any other competent authority shall be extra and shall not be a part of the tariff as determined in this order.
- 7.3.16 All the rates and conditions of tariff for 2012-13 are effective from 1st April 2012 and onwards except where specific date is mentioned. The rate will continue till further order.
- 7.3.17 For 2012-13 the consumer/licensee shall have to pay/shall be refunded the difference of the following two:
- i) tariff as declared under this order for 2012-13, 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 2012-13 along with the same for 2011-12 from the energy recipients shall be made in 36 (thirty-six) equal monthly installments through subsequent energy bills and such adjustment will start from the energy bill raised on or after 1st January, 2013.



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

- 7.3.18 There will be no separate monthly variable cost adjustment (MVCA) or Adhoc FPPCA for DPL on and from the date of effect of this order uptill December 2012. The MVCA or Adhoc FPPCA realized by WBSEDCL during the year 2012-13 shall be adjusted in computation of any adjustments for over/under recovery from the energy recipients as mentioned in paragraph 7.3.17 above.
- 7.3.19 In addition to the tariff determined under this tariff order, DPL would further be entitled to additional sums towards enhanced cost of fuel and power purchase, if any, after the date from which this tariff order takes effect. The fuel and power purchase cost shall be subject to adjustment in accordance with the Tariff Regulations through MVCA and / or FPPCA.
- 7.3.20.1 Optional TOD tariff scheme for LT Commercial, LT Industrial and LT Public Water Works categories of consumers having minimum contract demand of 30 KVA, which was directed to be introduced in the tariff order for 2007-08, shall continue and energy charge under such scheme shall be computed according to regulation 4.12 of the Tariff Regulations, wherever applicable, if no tariff rates for such consumers are mentioned in the tariff schedule.
- 7.3.20.2 For any pre-paid and TOD tariff scheme, other charges shall be the charges applicable to consumers under respective category of non-TOD tariff.
- 7.3.21 An applicant for short term supply through pre-paid meter shall have to comply with all necessary formalities for obtaining supply including payments in accordance with the Regulations made by the Commission. The same will be subject to the following conditions:
- a) Provision of requisite meter security deposit to be kept with the licensee.
 - b) Provision of space for installing weather-proof, safe and secured terminal services apparatus to protect sophisticated meter; and



- c) Availability of prepaid-meter of appropriate capacity.
- 7.3.22 For a consumer with prepaid meter who has purchased voucher prior to the date of issue of this order, the existing voucher will continue till such voucher is exhausted.
- 7.3.23 To avail the rate for street lighting with LED (Rate D (2)), the supply should be metered and all the street lights under the same meter shall be illuminated with LED. For mixed type of street lights under single meter the rate D(1) shall be applicable.
- 7.3.24 The tariffs determined under this order for different categories of consumers are the maximum ceilings for supply of electricity at any agreed price to the consumers only for those areas of supply of DPL where multiple licensees exist. However, if supply is effected to a consumer at a price lesser than the upper ceiling, and as a result the licensee incurs loss, such loss shall not be allowed to be passed on to any other consumers or any other distribution licensees of the Commission.
- 7.3.25 The selling price of electricity by DPL to WBSEDCL during the year 2012 – 2013 shall be as per Annexure – 7A3.
- 7.4 Any matter, which has not been explicitly mentioned in this order, shall be guided by regulations 2.9.8 and 2.9.9 of the Tariff Regulations.
- 7.5 It is open to the State Government to grant any subsidy to any consumer or any class of consumers in the tariff determined by the Commission for DPL. If at all any such subsidy under the provisions of the Act is intimated to DPL and to the Commission by the Government of West Bengal with clear indication of the consumer or class of consumers to be subsidized and the amount of the subsidy



Tariff Order of DPL for the year 2011 – 2012 and 2012 – 2013

- proposed to be given is paid in advance, the tariff of such consumer and / or the class of consumers shall be deemed to have been reduced accordingly as has been indicated by the State Government. However, such direction of the State Government shall not be operative till the payment is made by the State Government in accordance with the provisions of the Act and the Regulations made thereunder and the tariff as fixed by the Commission shall remain applicable. In accordance with the Tariff Regulations, the State Government is required to communicate, within 15 days from the date of receipt of a tariff order, whether it shall give any subsidy to any group of consumers etc.
- 7.6 DPL shall present to the Commission a gist of 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 shall publish the approved gist in terms of aforesaid regulation within four working days from the date of receipt of the approval of the Commission.



LOW AND MEDIUM VOLTAGE CONSUMERS

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		
1.	Life Line Consumer (Domestic)		Normal	0 to 25		210	5	NOT APPLICABLE					NOT APPLICABLE				
2.	Domestic (Rural) or Domestic (Urban)	Rate C(3R)/ C(3U)	Normal	First	25	281	10	Rate C(3R)pp/ C(3U)pp	Prepaid	All Units	337	10	NOT APPLICABLE				
				Next	25	355											
				Next	50	369											
				Next	100	403											
				Next	100	405											
Above	300	420															
3.	Commercial (Rural) or Commercial (Urban)	Rate C(4-R) / C(4-U)	Normal	First	60	367	12	Rate C(4-R)pp/C(4-U)pp	Normal TOD	06.00 hrs to 17.00 hrs	372	12	Rate C(4-R)pp/C(4-U)pp	Prepaid-TOD	06.00 hrs to 17.00 hrs	367	12
				Next	40	407				17.00 hrs to 23.00 hrs.	409				17.00 hrs to 23.00 hrs.	404	
				Next	200	410				23.00 hrs to 06.00 hrs.	346				23.00 hrs to 06.00 hrs.	341	
				above	300	417											
4.	Irrigation pumping for Agriculture	Rate C(5)	Normal TOD	06.00 hrs to 17.00 hrs	All units	266	20	Rate C(5t)	Pre-Paid TOD	06.00 hrs to 17.00 hrs	All units	261	20	NOT APPLICABLE			
				17.00 hrs to 23.00 hrs.	All units	532				17.00 hrs to 23.00 hrs.	All units	522					
				23.00 hrs to 06.00 hrs	All units	146				23.00 hrs to 06.00 hrs	All units	144					



LOW AND MEDIUM VOLTAGE CONSUMERS

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
5.	Commercial Plantation	Rate C(4) cp	Prepaid-TOD	06.00 hrs to 17.00 hrs	All units	413	20	NOT APPLICABLE				NOT APPLICABLE			
				17.00 hrs to 23.00 hrs.	All units	658									
				23.00 hrs to 06.00 hrs	All units	273									
6.	Short Term Irrigation Supply	Rate C(5)-stis	Prepaid-TOD	06.00 hrs to 17.00 hrs	All units	408	20	NOT APPLICABLE				NOT APPLICABLE			
				17.00 hrs to 23.00 hrs.	All units	653									
				23.00 hrs to 06.00 hrs	All units	269									
7.	Short Term supply for Commercial Plantation	Rate C(4)-stcp	Prepaid-TOD	06.00 hrs to 17.00 hrs	All units	418	20	NOT APPLICABLE				NOT APPLICABLE			
				17.00 hrs to 23.00 hrs.	All units	669									
				23.00 hrs to 06.00 hrs	All units	276									



LOW AND MEDIUM VOLTAGE CONSUMERS

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		
8.	Short-term Supply	Rate C(sts)	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	468	40	NOT APPLICABLE				NOT APPLICABLE							
				17.00 hrs to 23.00 hrs.	All units	515													
				23.00 hrs to 06.00 hrs	All units	435													
9.	Public utility /Specified Institution Public Bodies	Rate C(2-U)	Normal	On all Units		402	24	Rate C(2-U)pp	Prepaid	On all Units		391	24	Rate C (2-U) ppt	Prepaid TOD	06.00 hrs. - 17.00 hrs. & 20.00 hrs - 23.00 hrs.	On all units	386	24
	In Municipal Area/ Non-Municipal Area			17.00 hrs to 20.00 hrs.	On all units	425													
				23.00 hrs to 06.00 hrs	On all units	359													
10.	Cottage Industry / Artisan / Weavers / Small production oriented establishment	Rate C(4 - ii)	Normal	First	100	359	12	Rate C(4 -ii) ppt	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	374	12	NOT APPLICABLE					
				Next	200	417				17.00 hrs to 23.00 hrs	All units	411							
				Above	300	429				23.00 hrs to 06.00 hrs	All units	349							



LOW AND MEDIUM VOLTAGE CONSUMERS

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.	Poultry, Duckery, Horticulture, Tissue culture, Floriculture, Herbal – Medicinal – Bio-diesel Plant Farming, Food Processing Unit	Rate C(4 -iii)	Normal	First	100	368	12	Rate C(4 -iii)ppt	Prepaid - TOD	06.00 hrs to 17.00 hrs	All units	384	12	NOT APPLICABLE				
				Next	200	383				17.00 hrs to 23.00 hrs	All units	422						
				Above	300	430				23.00 hrs to 06.00 hrs	All units	357						
12.	Public Water Works & Sewerage System	Rate B (II)	Normal	On all Units		402	30	Rate B (II)ppt	Prepaid - TOD	06.00 hrs. – 17.00 hrs. & 20.00 hrs - 23.00 hrs.	All Units	393	30	NOT APPLICABLE				
										17.00 hrs to 20.00 hrs.	All Units	550						
										23.00 hrs to 06.00 hrs	All Units	259						
13.	Industry (Rural) or Industry (Urban)	Rate C(1)	Normal	First	500	406	25	Rate C(1t)	Normal - TOD	06.00 hrs to 17.00 hrs	All Units	410	25	NOT APPLICABLE				
				Above	500	417				17.00 hrs to 23.00 hrs	All Units	574						
											23.00 hrs to 06.00 hrs	All Units						
14.	Street Lighting	Rate D(1)	Normal	On all Units		378	30	NOT APPLICABLE				NOT APPLICABLE						



LOW AND MEDIUM VOLTAGE CONSUMERS

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	
15	Street Lighting (LED)	Rate D(3)	Normal	On all Units	354	30	NOT APPLICABLE					NOT APPLICABLE					
16.	Private Educational Institutions and Hospitals	Rate D(5)	Normal	On all Units	420	30	Rate D(5)t	Normal TOD	06.00 hrs to 17.00 hrs & 20.00 hrs to 23.00 hrs	On all Units	410	30	NOT APPLICABLE				
								17.00 hrs to 20.00 hrs	On all Units	492							
								23.00 hrs to 06.00 hrs	On all Units	383							
17.	Emergency Supply	Rate D(6)	Prepaid-TOD	06.00 hrs to 17.00 hrs	On all Units	539	40	NOT APPLICABLE					NOT APPLICABLE				
				17.00 hrs to 23.00 hrs	On all Units	755											
				23.00 hrs to 06.00 hrs	On all Units	356											



LOW AND MEDIUM VOLTAGE CONSUMERS

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	
18.	Construction Power Supply	Rate D(7)	Prepaid-TOD	06.00 hrs. – 17.00 hrs. & 20.00 hrs to 23.00 hrs	On all Units	417	24	NOT APPLICABLE					NOT APPLICABLE			
				17.00 hrs to 20.00 hrs.	On all Units	500										
				23.00 hrs to 06.00 hrs	On all Units	275										
19.	Bulk Supply at single point to Co-operative Group Housing Society for providing power to its members or person for providing power to its employees in a single premises	Rate D(2)	Normal	All units	349	20	Rate D(2t)	Normal - TOD	06.00 hrs to 17.00 hrs	On all Units	344	20	NOT APPLICABLE			
									17.00 hrs to 23.00 hrs	On all Units	378					
									23.00 hrs to 06.00 hrs	On all Units	320					



LOW AND MEDIUM VOLTAGE CONSUMERS

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				
				Monthly consumption in KWH	On all Units			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.	Common Services of Industrial Estate	Rate D(8)	Prepaid - TOD	06.00 hrs. – 17.00 hrs. & 20.00 hrs to 23.00 hrs	On all Units	405	30	NOT APPLICABLE					NOT APPLICABLE				
				17.00 hrs to 20.00 hrs.	On all Units	567											
				23.00 hrs to 06.00 hrs	On all Units	264											

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

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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 (11 KV)	Rate A(2)	Normal	All Units		308	306	304	317	Rate A(2t)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	306	304	302	317
												17.00 hrs-20.00 hrs	All Units	337	334	332	
												23.00 hrs-06.00 hrs	All Units	285	283	281	
2	Public Utility (33 KV)	Rate F(2)	Normal	All Units		296	294	292	317	Rate F(2t)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	294	292	290	317
												17.00 hrs-20.00 hrs	All Units	317	314	312	
												23.00 hrs-06.00 hrs	All Units	274	272	270	
3	Industries (11 KV)	Rate A(1a)	Normal	All Units		386	384	382	317	Rate A(1t)	TOD	06.00 hrs-17.00 hrs	All Units	384	382	380	317
												17.00 hrs-23.00 hrs	All Units	518	516	513	
												23.00 hrs-06.00 hrs	All Units	269	267	266	
4	Industries (33 KV)	Rate F(1a)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	371	369	367	317	NOT APPLICABLE							
				17.00 hrs-23.00 hrs	All Units	501	498	495									
				23.00 hrs-06.00 hrs	All Units	260	258	257									



HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme						
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH	Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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	
5	Industries (132 KV)	Rate G(1a)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	360	358	356	317	NOT APPLICABLE					
				17.00 hrs-23.00 hrs	All Units	486	483	481							
				23.00 hrs-06.00 hrs	All Units	252	251	249							
6	Community Irrigation/ Irrigation	Rate S(gt)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	367	365	363	22	NOT APPLICABLE					
				17.00 hrs-23.00 hrs	All Units	734	730	726							
				23.00 hrs-06.00 hrs	All Units	242	241	240							
7	Commercial Plantation	Rate S(cpt)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	369	367	365	317	NOT APPLICABLE					
				17.00 hrs-23.00 hrs	All Units	590	587	584							
				23.00 hrs-06.00 hrs	All Units	244	242	241							
8	Short Term Irrigation Supply	Rate S(stis)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	389	387	385	22	NOT APPLICABLE					
				17.00 hrs-23.00 hrs	All Units	622	619	616							
				23.00 hrs-06.00 hrs	All Units	257	255	254							



HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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	
9	Short Term Supply for Commercial Plantation	Rate S(stcp)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	374	372	370	317	NOT APPLICABLE							
				17.00 hrs-23.00 hrs	All Units	598	595	592									
				23.00 hrs-06.00 hrs	All Units	247	246	244									
10	Commercial (11 KV)	Rate A(3)	Normal	All Units		404	399	394	317	Rate A(3t)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	385	380	375	317
												17.00 hrs-23.00 hrs	All Units	508	502	495	
												23.00 hrs-06.00 hrs	All Units	277	274	270	
11	Commercial (33 KV)	Rate F(3)	Normal	All Units		389	387	385	317	Rate F(3t)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	376	371	366	317
												17.00 hrs-23.00 hrs	All Units	492	490	483	
												23.00 hrs-06.00 hrs	All Units	271	267	264	
12	Commercial (132 KV)	Rate G(3)	Normal	All Units		383	381	379	317	Rate G(3t)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	370	365	360	317
												17.00 hrs-23.00 hrs	All Units	518	511	504	
												23.00 hrs-06.00 hrs	All Units	266	263	259	



HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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	
13	Domestic	Rate S(d)	Normal	All Units		388	386	384	22	Rate S(dt)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	382	380	378	22
												17.00 hrs-23.00 hrs	All Units	420	418	416	
												23.00 hrs-06.00 hrs	All Units	367	365	363	
14	Public Water Works & Sewerage (11 KV)	Rate E (pw)	Normal	All Units		362	360	358	317	Rate E(pwt)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	351	346	341	317
												17.00 hrs-20.00 hrs	All Units	463	457	450	
												23.00 hrs-06.00 hrs	All Units	253	249	246	
15	Public Water Works & Sewerage (33 KV)	Rate F(pw)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs-23.00 hrs	All Units	349	342	345	317	NOT APPLICABLE							
				17.00 hrs-20.00 hrs	All Units	489	486	483									
				23.00 hrs-06.00 hrs	All Units	230	229	228									
16	Sports Complex & Auditorium run by Govt./ local bodies for cultural affairs	Rate S(c)	Normal	All Units		393	391	389	29	NOT APPLICABLE							



HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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	
17	Cold storage or Dairy with Chilling Plant (11 KV)	Rate A(4-pi)	Normal	All Units		394	391	389	317	Rate A(4-pit)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	384	381	378	317
												17.00 hrs-23.00 hrs	All Units	507	503	499	
												23.00 hrs-06.00 hrs	All Units	276	274	272	
18	Emergency Supply	Rate S (ES)	Normal-TOD	06.00 hrs-17.00 hrs	All Units	425	415	405	317	NOT APPLICABLE							
				17.00 hrs-23.00 hrs	All Units	595	581	567									
				23.00 hrs-06.00 hrs	All Units	339	331	323									
19	Construction Power Supply	Rate S(con)	Normal-TOD	06.00 hrs-17.00 hrs & 20.00 hrs.-23.00 hrs	All Units	355	345	335	317	NOT APPLICABLE							
				17.00 hrs-20.00 hrs	All Units	422	408	393									
				23.00 hrs-06.00 hrs	All Units	265	256	249									
20	Bulk Supply at single point to 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		367	364	361	22	Rate S(cot)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	363	360	357	22
												17.00 hrs-23.00 hrs	All Units	399	396	393	
												23.00 hrs-06.00 hrs	All Units	338	335	332	



HIGH & EXTRA HIGH VOLTAGE CONSUMERS

SI No	Type of Consumer	Applicable Tariff Scheme							Optional Tariff Scheme								
		Consumer category	Name of the Tariff Scheme	Consumption per month in KWH		Energy Charge			Demand Charge (Rs./ KVA/ month)	Consumer 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	
21	Common Services of Industrial Estate	Rate – E (ict)	Normal - TOD	06.00 hrs-17.00 hrs & 20.00 hrs.- 23.00 hrs		366	356	346	317	NOT APPLICABLE							
				17.00 hrs-20.00 hrs		512	498	484									
				23.00 hrs-06.00 hrs		242	235	228									
22	Traction (25 KV)	Rate T (a)	Normal	All Units		403	393	383	317	NOT APPLICABLE							
23	Traction (132 KV)	Rate T (b)	Normal	All Units		398	388	378	317	NOT APPLICABLE							
24	Short-term Supply	Rate S(st)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	413	411	409	317	NOT APPLICABLE							
				17.00 hrs-23.00 hrs	All Units	442	440	450									
				23.00 hrs-06.00 hrs	All Units	384	382	380									
25	Private Educational Institutions	Rate E (ei)	Normal	All Units		399	394	389	317	Rate E (eit)	Normal - TOD	06.00 hrs-17.00 hrs	All Units	385	380	375	317
												17.00 hrs-23.00 hrs	All Units	424	418	413	
												23.00 hrs-06.00 hrs	All Units	358	354	349	
26	Inter Plant Transfer	Rate IPT	Normal	All Units		419.77	419.77	419.77	0	NOT APPLICABLE							



ANNEXURE - 7A3

**ENERGY SALE RATE OF DPL TO WBSEDCL
IN 132 KV IN PAISA / KWH FOR 2012 – 2013**

Period	Summer	Monsoon	Winter
Peak	345.00	344.00	343.00
Normal	339.00	338.00	337.00
Off Peak	336.00	335.00	334.00

**ENERGY SALE RATE OF DPL TO WBSEDCL
IN RADIAL MODE IN PAISA / KWH FOR 2012 – 2013**

Licensee	Summer	Monsoon	Winter
WBSEDCL	354.00	352.00	349.00



CHAPTER – 8 DIRECTION

- 8.1 DPL shall comply with the following directions:
- 8.2 During submission of application of APR, DPL shall give the list of the assets that has been added/ deleted. In case of asset addition DPL shall also show relation of such assets related to their power business which has already been approved by the Commission or Government of West Bengal. In case asset addition has taken from own funding item that shall also be given in details. These are required in order to have proper reflection in depreciation and return on equity.
- 8.3 DPL shall henceforth show in the tariff application as well as in its application for APR, the amount of capital expenditure made during every financial year against which investment approval has been accorded as per regulation 2.8.1.4 of the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011, as amended and the actual expenditure incurred up to end of that financial year along with completion date.
- 8.4 The Commission directed DPL to submit the documents of closing of contracts for unit 7 along with final project cost. DPL was also asked to clearly show to what extent penalty had been imposed on different grounds relating to such closing of contracts in accordance with different contract agreements related to the project cost. DPL is directed to submit the contract closing documents along with one set of operational manual to the Commission within one month from the date of this order.
- 8.5 In APR application the expenditure on the head of rent and on the head of rates and taxes should be shown separately and distinctly.



Tariff Order of DPL for the year 2011– 2012 and 2012 – 2013

- 8.6 In APR of each ensuing year, DPL shall give an auditors certificate on the interest on security deposit along with the reasoning for difference between projection and actual.
- 8.7 In the matter of reserve for unforeseen exigencies, the Commission directs that DPL shall ensure that the amount allowed each year under the head reserve for unforeseen exigencies is deposited in the fund within the year.
- 8.8 List of loans that accrued interest and payable at the same ensuing year of the control period may be provided during APR of each ensuing year showing the loan amount, interest amount, interest rate and purpose of such loan.
- 8.9 DPL is directed to invest immediately the balance fund of reserve for unforeseen exigencies so far allowed following the provisions of the regulation 5.24.1 of the Tariff Regulations, if not yet invested and submit a report on the investment of reserve for unforeseen exigencies and the return from such investment duly audited along with APR application for 2011-2012.
- 8.10 Commission also directs DPL to follow regulations 5.24.3, 5.24.4 and 5.24.10 of the Tariff Regulations and submit the audited amount of the interest income from investment of each type of reserve funds covered under regulation of 5.24 of the Tariff Regulations with APR of each year starting from the year 2012-13. Commission also directs that the interest accrued from investment of power purchase fund, development fund and reserve for unforeseen exigencies fund shall be deposited in the respective fund as per provision of the regulations.
- 8.11 DPL is directed to submit the complete information regarding outage due to planned repairs and maintenance/ forced outage/ major repairs for generation plants.



Tariff Order of DPL for the year 2011– 2012 and 2012 – 2013

8.12 For failure to comply with the directions given in para 8.9, 8.10 and 8.11 above an amount equivalent to the short fall amount may be deducted from the return on equity of DPL in the APR for the concerned year.

Sd/-
(SUJIT DASGUPTA)
MEMBER

Sd/-
(PRASADRANJAN RAY)
CHAIRPERSON

Dated: 17.12.2012