

ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

4thFloor, Singareni Bhavan, Red Hills, Hyderabad-500004

Present

Sri Justice G. Bhavani Prasad, Chairman

Dr. P. Raghu, Member

Sri P. Rama Mohan, Member

Dated 19th November, 2016

In the matter of

Determination of Surcharge and Additional Surcharge under Sections 39, 40 and 42 of the Electricity Act, 2003 for FY 2005-06 to FY 2012-13 and FY 2015-16.

O.P.Nos. 16 of 2005, 13 of 2006, 5 of 2007, 73 of 2012, 74 of 2012, 75 of 2012, 76 of 2012, 77 of 2012 and 8 of 2015

This matter came up for public hearings before various stakeholders from 25.06.2016 to 22.10.2016 and having stood over for consideration till this day, the Commission passes the following order:

ORDER

CHAPTER-I

Introduction

1. As per section 39(2) (d) (ii) and 40(c) (ii) of the Electricity Act, 2003 (hereinafter referred to as 'the Act'), the State Transmission Utilities and Transmission licensees are bound to provide non-discriminatory open access to their transmission systems for use by any consumer as and when such open access are provided by the State Commissions under sub-section (2) of section 42, on payment of the transmission charges and a surcharge(hereinafter also referred to as 'the Cross Subsidy Surcharge') thereon, as may be specified by the State Commissions. Section 42(2) of the Act provides for payment of the **surcharge** in addition to the wheeling charges as determined by the State Commission for availing the open access and such surcharge shall be utilised to meet the requirements of current level of cross subsidy within the area of supply of the distribution licensee. Therefore, as per the above provisions, the cross subsidy surcharge has to be levied on the consumers who avail open access.
2. Section 42(4) of the Act provides that a consumer or class of consumers permitted to receive supply of electricity from a person other than the Distribution Licensee of the area in which such consumer is located, shall be liable to pay an **additional surcharge** to meet the fixed costs of the distribution licensee arising out of his obligation to supply.

3. As per Provision 17.1. of APERC Terms and Conditions of Open Access to Intra State Transmission and Distribution Networks (Regulation 2 of 2005),

a. The Open access users of the Transmission and/or Distribution System where such open access is for delivery of electricity to the consumer's premises in the area of supply of a distribution licensee, shall pay to the distribution licensee the (cross-subsidy) surcharge as determined by the Commission from time to time under Section 42 (2) of the Act.

Provided that no (cross-subsidy) surcharge shall be payable if the open access is provided to a person who has established a captive generating plant for carrying the electricity to the destination of his own use.

b. The Open Access user shall also be liable to pay additional surcharge on charges of wheeling as may be specified by the Commission from time to time under section 42(4) of the Act, in case open access is sought for receiving supply from a person other than the distribution licensee of such consumer's area of supply, to meet the fixed cost of the distribution licensee arising out of his obligation to supply.

Background

4. The erstwhile APERC for undivided state of Andhra Pradesh State for the first time determined the Cross Subsidy Surcharges (CSS) and Additional Surcharges (AS) vide order dt. 21.09.2005 in OP No.16 of 2005, and Order dt. 29.08.2006 in OP. No.13 of 2006, for FY 2005-06 and FY 2006-07 respectively. While determining the CSS for FY 2005-06 and FY 2006-07, the erstwhile APERC followed the embedded cost method in which the ARR is allocated among different consumer categories to arrive at per unit Cost of Service for each consumer category. The per unit Cross Subsidy for each consumer category is calculated as the difference between per unit average revenue realization and Cost of Service for that category.

5. Aggrieved with the method of determination of CSS by the erstwhile APERC, M/s. RVK Energy & others challenged such determination for FY 2005-06 and FY 2006-07 before Hon'ble APTEL (Appellate Tribunal for Electricity). The Hon'ble APTEL in the order dt. 05.07.2007 in Appeal Nos. 169-172 of 2005 & 248-249 of 2006 allowed the appeals and directed the erstwhile APERC to compute the cross subsidy surcharge, which consumers are required to pay for use of open access in accordance with the Surcharge Formula specified in para 8.5 of the National Tariff Policy, 2006 for FY 2006-07 and subsequent years. Further, the Hon'ble APTEL in the order observed the following.

In future all the Regulatory Commissions while fixing wheeling charges, cross subsidy surcharge and additional surcharge, if any, shall have regard to the spirit of the Act as manifested by its Preamble. The charges shall be reasonable as would result in promoting competition. They shall be worked out in the light of the above observations made by us. This direction shall also apply to the APERC for computing the cross subsidy surcharge for the year 2005-06 as well.

6. The erstwhile APERC filed Civil Appeal Nos. 4936-4941 of 2007 before the Hon'ble Supreme Court challenging the order of the Hon'ble APTEL. In the interim order passed on 05.05.2008, the Hon'ble Supreme Court stayed the order of the Hon'ble APTEL until further orders. By the order dt. 04.12.2009, the interim order dt. 05.05.2008 was made to remain operative till the final disposal of the Civil Appeals. Ultimately, the Hon'ble Supreme Court dismissed the CA Nos. 4936-4941 of 2007 on 31.03.2016. Accordingly, the direction issued by the Hon'ble APTEL in its Order issued on 05.07.2007 has become a binding direction on the Commission which constrains the Commission to follow the Tariff Policy in fixation of the cross subsidy surcharge and additional surcharge.
7. Meanwhile, the erstwhile APERC provisionally extended the applicability of CSS/AS rates determined for FY 2006-07 by its Order dt. 28.03.2007 in OP. No.5 of 2007 w.e.f. 01.04.2007 also. The erstwhile APERC finally determined CSS for FY 2007-08 to FY 2012-13 in O.P. No. 5 of 2007, O.P. No. 73 of 2012, 74 of 2012, 75 of 2012, 76 of 2012 and 77 of 2012 respectively on 26.10.12. In all the above orders, the Commission followed the embedded cost method for determining the CSS/AS and observed that the determination of the CSS and AS are subject to final judgment of the Hon'ble Supreme Court in Civil Appeal Nos. 4936-4941 of 2007. The above orders were the subject of challenge before the Hon'ble High Court in W.P.Nos.34215 of 2012 and batch. In view of the orders of the Hon'ble Supreme Court dated 31.03.2016, the Hon'ble High Court by a common order dated 20.06.2016, set aside the above orders and remitted back the matters to this State Commission or Telangana State Electricity Regulatory Commission for consideration afresh keeping all the legal and factual objections at large.
8. For the FY 2013-14, the erstwhile APERC determined the CSS/AS as 'NIL' due to the prevailing Restriction and Control measures and the inability of the Licensees to supply uninterrupted power to the consumers and for the FY 2014-15, no CSS/AS order was passed .
9. Consequent to bifurcation of the State, the present APERC was constituted in terms of the Andhra Pradesh Reorganisation Act, 2014. The present APERC determined the CSS for FY 2015-16 in the order dt.15.04.2015 in OP. No.8 of 2015 following the embedded cost method and observed that the determination of CSS and AS for FY2015-16 is subject to final judgment of Hon'ble Supreme Court in Civil Appeal Nos. 4936-4941 of 2007. Several consumers challenged the above order of the Commission before the Hon'ble High Court of Judicature at Hyderabad. Further, several of the stakeholders filed review petitions before the Commission on the above CSS order. The Hon'ble High Court initially granted interim stay and finally disposed off the WPs on 27.04.2016 stating that Civil Appeals on the very same principle were dismissed by Hon'ble Supreme Court on 31.03.2016 and remanded the matter to APERC for disposal in accordance with law. In view of the Hon'ble High Court Order, the Commission disposed of review petitions on 04.06.2106 stating that order which is sought to be reviewed was set aside and ceases to exist and nothing survives in these review petition to be adjudicated by this Commission.

CSS filings by the Licensees and public hearings

- 10.** The Commission decided to re-determine the CSS for FY 2005-06 to FY 2012-13 and FY 2015-16 in accordance with the Hon'ble Supreme Court and Hon'ble High Court judgements and accordingly issued a public notice (Annexure-I) on its website on 02.06.2016 informing the public that a public hearing will be conducted on the above matter and interested persons/stakeholders may offer their views/suggestions/objections. The Licensees were also directed vide letter dated 02.06.2016 to place a copy of the above public notice on their websites.
- 11.** In response to the public notice, several stakeholders (List as per Annexure-II) filed 34 Nos of written objections. The Licensees furnished replies to the written objections of some of the stakeholders. The Commission conducted public hearings on the filings made by the Licensees on 25.06.2016, 16.07.2016, 30.07.2016, 27.08.2016, 17.09.2016 and 22.10.2016. During hearings, Sri P. Shiva Rao & G.V. Brahmananda Rao, learned counsels represented APSPDCL and APEPDCL, Sri K. Gopal Choudary and others (List as per Annexure-II) represented the objectors. Several stakeholders raised the objections during the public hearing about the lack of data to furnish their comments. Therefore, the Commission directed the Licensees to furnish the true and correct data to the stakeholders in full shape.
- 12.** Accordingly, APSPDCL and APEPDCL submitted the CSS proposals to the Commission on 24.08.16 and 27.08.16 respectively and furnished copies of the same to the objectors. Further, the Licensees furnished the additional information available with them during subsequent hearings and finally on 22.10.2016, Sri P. Shiva Rao stated that no further information is available with the Licensees in the matter of determination of CSS for FY 2005-06 to FY 2012-13 and FY 2015-16. The Commission concluded the public hearings on 22.10.16 and posted the matter for orders on 19.11.16.

CHAPTER-II

IEWS/OBJECTIONS/SUGGESTIONS OF THE STAKEHOLDERS, REPLIES OF THE LICENSEES AND THE IEWS OF THE COMMISSION

Scope and nature of the proceedings

13. The Objectors listed from serial No.13 to 29 under Annexure-II raised the following issues on the scope and nature of the proceedings.

The scope and nature of the proceedings to be undertaken as set out in the public notice is not entirely correct or proper. The orders passed by the erstwhile APERC in O.P. 16 of 2005 for 2005-2006 and O.P. 13 of 2006 for 2006-2007 were the subject matter of appeal before the Hon'ble Appellate Tribunal with respect to the methodology of determination of cross subsidy surcharge and the quantum of surcharge determined thereby. By common judgment dated 05.07.2007, the Hon'ble Tribunal remanded the matter back to the then APERC for redetermination of cross subsidy surcharge on the methodology of the National Tariff Policy. Upon dismissal of the then APERC's appeal against the aforesaid common judgment by the Hon'ble Supreme Court on 30.3.2016, the Hon'ble Tribunal's judgment would apply to the scope of the proceedings to be now undertaken in respect of 2005-2006 and 2006-2007, and limited thereby.

The scope of the proceedings with respect to 2005-2006 and 2006-2007 is, therefore, a limited remand of O.P. 16/2005 and O.P. 13/2006 for the re-determination of the cross subsidy surcharge on the NTP methodology. The proceedings in respect of these years are to be carried on accordingly as of 16/2005 and 13/2006 on remand with the jurisdiction limited accordingly. Each of the parties in the appeals before the ATE, including the licensees now within Telengana, must necessarily be given specific and individual notice of the initiation of the remand proceedings. This necessary legal requirement does not appear to have been complied with. The mere public notice is insufficient. The orders passed in OPs 5/2007 for 2007-2008 and 73-77/2012 for 2008-09 to 2012-13, passed by the erstwhile APERC, were subject to the final judgment of the Hon'ble Supreme Court in the then pending appeals with respect to the determination of cross subsidy surcharge alone. The scope of the proceedings consequent to the dismissal of the appeal by the Hon'ble Supreme Court and in compliance with the directions of the Hon'ble Tribunal would be only to that extent and no more. Further, the orders passed in OPs 5/2007 and 73-77/2012 for 2008-09 to 2012-13 were variously challenged by various parties in the Hon'ble High Court. The disposal of those writ petitions pursuant to the dismissal of the Civil Appeals in the Hon'ble Supreme Court also entitle all issues, raised in those writ petitions to be urged in these proceedings before the Commission. With respect to the order passed in O.P. 8 of 2015 for 2015-16, since it is stated that the order has been set aside by the Hon'ble High Court, and since the Hon'ble Commission has disposed of the review petitions as in fructuous thereby, all issues and objections are open in these

proceedings including those urged or taken in the writ petitions and/or the review petitions. It is therefore necessary that the Hon'ble Commission consider and re-frame the scope of the proceedings accordingly.

DISCOMS' response: Under the purview of the Hon'ble Commission

Commission's View: Expressed in Chapter-III on legal issues.

Jurisdiction of the Commission

14. The Objectors listed from serial No.13 to 29 under Annexure-II raised the following issues on the jurisdiction of the Commission.

The orders passed by the then APERC for the above period were orders covering the whole State of undivided Andhra Pradesh. That erstwhile APERC had jurisdiction over the entire undivided State which included the area of operation of all the distribution licensees in the undivided State, and it remained so even after the coming into force of the AP Reorganisation Act on 02.06.2014 till 01.08.2014 when the two States of Telangana and Andhra Pradesh constituted separate State Commissions under the Electricity Act 2003 and the erstwhile APERC thereupon stood dissolved by operation of law.

This Hon'ble Commission as constituted for the State of Andhra Pradesh does not have jurisdiction over the entire undivided State of Andhra Pradesh and over all the distribution licensees of the undivided State. Some of the territories which now fall within the area of operation of the APSPDCL were previously part of the APCPDCL which was since renamed as TSSPDCL and falls within the jurisdiction of the State of Telangana which now falls under the jurisdiction of the Telangana State Commission. The question therefore arises as to how this Hon'ble Commission has exclusive jurisdiction to take up the re-determination of cross subsidy surcharge determined for the whole State, and taking considerations which were applicable to the undivided State as a whole, and also considering the change in the territorial jurisdiction of the licensees such that some area now within this State were then part of the territorial jurisdiction of a licensee which is now not within this State.

A number of cases, including those of remand and review, presenting similar problems are pending before the State Commissions of both States awaiting determination of the issues of jurisdiction. Both Commissions have reserved orders on the question of jurisdiction, but no orders have been passed so far even after an inordinate lapse of time. It would therefore appear that this Hon'ble Commission requires to decide on the issue of its own exclusive jurisdiction in such circumstances and proceed further only after the issue of jurisdiction is resolved enabling it to do so.

The Objectors listed from serial No.4 to 12 & 33 under Annexure-II raised the following issues on the jurisdiction of the Commission.

So far as the determination of CSS and AS for financial years 2005-06 to 2012-13 is concerned, the same is covered by the period before bifurcation of State of Andhra Pradesh. The erstwhile Commission

constituted under Andhra Pradesh Electricity Reforms Act, 1998 and continued under provisions of Electricity Act, 2003 ceased to function by virtue of enactment of A.P. State Re-organization Act, 2014. The present Commission has been constituted under provisions of Electricity Act, 2003 for the residual State of Andhra Pradesh. Therefore the CSS for previous period i.e., 2005-06 to 2012-13 concerning for entire state of Andhra Pradesh cannot be determined by this Hon'ble Commission which has restricted territorial jurisdiction as it is neither successor nor has any jurisdiction to deal with matters concerning entire erstwhile State of Andhra Pradesh. Further even with respect to the distribution areas of APSPDCL, the districts of Anantapur and Kurnool previously were with APCPDCL, which is now in the State of Telangana. Therefore, this Hon'ble Commission lacks jurisdiction to determine CSS and AS for the said period. It is also pertinent to mention that this Hon'ble Commission heard on the aspect of jurisdiction in various other matters and reserved them for orders as such as on day the jurisdiction issue has not yet been decided.

DISCOMS' Response: Under the purview of the Hon'ble Commission

Commission's View: Expressed in Chapter-III on legal issues.

Power of the Commission to make retrospective determination

15. The Objectors listed from serial No.13 to 29 under Annexure-II raised the following issues on the power of the Commission to make retrospective determination.

In the case of OP 5/2007 which was expressly for 2007-2008 alone, the then APERC passed an interim order dated 28.03.2007 continuing the rate determined in the order dated 29.08.2006 in OP 13/2006 from 1.4.2007 specifically till the Commission passes a final order "on the proceedings already initiated" - i.e. OP 5/2007 which was only for 2007-2008. The Public Notice issued for O.P. 5/2007 specifically states that it is for 2007-2008 only and that was the only proceeding already initiated as on the date of the interim order dated 28.03.2007 and that is also evident from the interim order itself.

The public notice issued by this Hon'ble Commission for the present proceedings does not correctly and fully set out the complete facts relating to the interim order and is misleading. This Hon'ble Commission appears to have been unfortunately misled by the factually incorrect, misleading, unwarranted and even false statements in the 6th recital, in 1st bullet and 5th bullet of para 11 and in the 3rd bullet of para 12 of the order dated 26.12.2012 in OP 73/2012 for 2008-2009 passed by the then APERC. It was grossly perverse for the then APERC to say that the proceedings initiated only in 2012 was in continuation of the interim order dated 28.03.2007. The same also applies to the orders in Ops 74/2012 to 77/2012. The issue was not only raised in the proceedings before the then APERC but also in several writ petitions and is in issue in these proceedings. The Commission has no powers to make any orders retrospectively and/or retroactively. Therefore, the cross subsidy surcharge cannot be determined at all even in these proceedings for 2008-2009 to 2012-2013.

All the preliminary submissions/issues/objections/suggestions hereinabove be taken without prejudice to one another.

The Objectors listed from serial No.4 to 12 and 33 under Annexure-II raised the following issues on the power of the Commission to make retrospective determination.

The Hon'ble Commission by this notice intends to determine CSS and AS for the period 2007-08 to 2012-13 which is nothing but retrospective determination in as much as for the said period the DISCOMS have never claimed CSS and AS nor the Commission determined the same, but for by an even order dt. 26-10-2012 the erstwhile Commission determined the CSS and AS which is impermissible. The Commission has no power to determine any Tariff, charges or surcharges with retrospect effect in respect of past periods. In fact these orders passed by erstwhile Commission making retrospect determination were challenged before the Hon'ble High Court in W.P.No.10130/2013 & batch and having regard to the dismissal of SLP No. 4936 to 4941 of 2007 dt. 31.03.2016, the Hon'ble High Court while setting aside the orders of erstwhile Commission in O.P.No. 05 of 2007, 73-77 of 2012 dt.26.10.2012 has granted liberty to the petitioners to participate in the present proceedings and issues raised in writ petitions were kept at large, thereby allowing them to raise all and every possible objections.

DISCOMS' Response: The erstwhile APERC in its order passed in OP.No.5 of 2007, dated 28.03.2007 has provisionally extended the applicability of the rates of CSS/AS already specified in its order passed in OP.No.13 of 2006 dated 29.08.2006 with effect from 01.04.2007 onwards. The Honourable APERC on 26.10.2012 finally determined CSS for FY 2007-08 to 2012-13. Hence, the orders cannot be treated as retrospective but only as continuation of the order issued on 28.03.2007. The objectors/stakeholders are at liberty to participate in the present proceedings.

Commission's View: Expressed in Chapter-III on legal issues.

Absence of specific proposal and/or relevant data in the notice

16. The Objectors listed from serial No.13 to 29 under Annexure-II raised the following issues regarding the absence of specific proposal and/or relevant data in the notice.

These submissions are relevant and need to be taken into consideration only after the Hon'ble Commission has considered and decided and/or resolved upon the preliminary issues raised above and if and when thereafter it is possible or necessary for the Hon'ble Commission to proceed further with determination of cross subsidy surcharge for any of the periods.

There are no specific proposals given with the notice to which any meaningful response/submission/objection can be given. In the absence of specific proposals with facts and numbers and relevant data, it would all be in the abstract and an exercise in futility. The affected consumers and public cannot themselves presume or dream up the data which is available only with the Discoms. Unless there is some quantified proposal, it is impossible to comprehend its impact and affect and it is

not a fair or reasonable opportunity to reply to the public notice and the process would not be transparent. Since the Hon'ble Commission is to determine the surcharge on the basis of the NTP, the data elements necessary for the determination has to be obtained from the Discoms and made available. Details of proposed calculation made on the basis of the relevant data have to be made available. All statements and data relating to actual power purchase costs source-wise and merit order wise have to be obtained from the Discoms separately from each Discom and made available. Justification and explanations from the Discom as to the interpretation of the method and also the application of the data is to be obtained and made available. Unless such necessary information is made available, it is not possible for the affected parties to make submissions or objections in a studied and objective manner,

It is therefore requested that the Hon'ble Commission arrange for specific proposals and all relevant and necessary information and data to be made available and provide a reasonable opportunity thereafter with reasonable time to enable further submissions to be made.

The Objectors listed from serial No.4 to 12 and 33 under Annexure-II raised the following issues regarding the absence of specific proposal and/or relevant data in the notice.

The Hon'ble Commission has called for objections for determination of CSS and AS for the period 2005-06 to 2012-13, without there being any Proposals or Application by the DISCOMS in accordance with procedure contemplated under the Business Regulations of this Hon'ble Commission. In the absence of any such application/Proposal or any consultative paper issued by this Hon'ble Commission indicating the actual power purchase cost of respective DISCOMS, the petitioners are unable to submit any specific suggestions or objections. The petitioners submit that the without proper Applications/Proposals the Hon'ble Commission should not proceed determining CSS and AS.

Even with respect to the determination of CSS for period 2015-16, the DISCOMS have to come up with fresh applications/proposals as the earlier applications/proposals were based on the ARR and since the Hon'ble Commission passed Tariff Order for said period, revised proposals have to be submitted. As the DISCOMS previously did not make any specific proposals for AS, in the present remand proceedings the Hon'ble Commission is precluded from determining AS. Further, by virtue of AP State Reorganization Act, 2014, it is now very much essential that having regard to their areas of operation, the Licensees should submit specific claims/proposals for consideration of Hon'ble Commission, if they are legally otherwise entitled to claim the same.

DISCOMS' Response: In the public notice dated 02.06.2016, the Honourable APERC has provided detailed information necessitating redetermination of CSS for FY 2005-06 to FY 2012-13 & FY 2015-16. During the public hearing on 16.07.2016, the Honourable Commission instructed the DISCOMs to come up with appropriate recalculations of CSS for the above said period. Revised calculations of CSS

for FY 2005-06 to FY 2012-13 & FY 2015-16 are under preparation and will be submitted to the Honourable Commission soon. The additional surcharge is to be determined as per Section 42 (4) of Electricity Act, 2003 and the Honourable Commission has to determine additional surcharge in accordance with law.

Commission's View: Expressed in Chapter-III on legal issues.

No CSS for FY 2011-12, FY 2012-13 and Apr'2015

17. Dalmia Cement (Bharat) Limited raised the following issues.

The Andhra Pradesh DISCOMs imposed the Power Holidays on the HT Consumers for the period from Sept' 2011 to the end of Jul' 2013. The Power Holidays were in force during every month ranging from a minimum of 5 Days per month to a maximum of 12 Days per month. Due to the non availability of power from the DISCOMs, the HT Consumers purchased power under Open Access as there was no other option. As a result, the HT Consumers suffered a lot due to the higher cost of Open Access power, unavoidable UI Charges (Unscheduled Interchange Charges) levied by the DISCOMs, loss of Open Access scheduled power due to grid trippings & equipment operation problems and penalties on account of Restriction and Control Order. Therefore, the Cross Subsidy Surcharges shall not be levied for FY 2011-12 & FY 2012-13.

Hon'ble APERC issued the CSS order for the FY 2015-16 on 18th April 2015. Also, the CS charges fixed were way higher than the nominal values. Due to the delay in release of CSS order, the consumers were unable to plan properly and the Open Access power quantum for the period from 1st April 2015 to 19th April 2015 was scheduled and consumed before the order was released. Therefore, the Commission is requested to consider the exemption of CSS for the month of April 2015 due to the delay in release of CSS order and higher CS charges.

DISCOMS' Response: The Hon'ble Commission issued orders exempting the cross subsidy surcharge and additional surcharge during the R&C period i.e. from 12.09.2012 to 31.03.2013. Further, the Hon'ble Commission determined the cross subsidy surcharge as 'NIL' for FY 2013-14. Exemption of CSS for the period earlier to R&C shall not be considered and not justifiable since the restrictions/power holidays were only intermittent and not continuous under the then prevailing conditions.

Commission's view: The DISCOMs are directed not to not levy CSS/AS on the power purchased under Open Access during Power Holidays/Restriction & Control periods.

Observations on the CSS proposed by the DISCOMs for FY 2015-16

18. FTAPCCI (Federation of Telangana and Andhra Pradesh Chambers of Commerce and Industry) made some observations on the CSS proposals made for FY 2015-16 like consideration of 100% load factor by the DISCOMs for computing the wheeling charges, no proposal of AS by the DISCOMs (hence assumed to be NIL), discrepancies in the CSS proposed by the DISCOMs for HT-IA category consumers at different

voltages etc. Finally, they concluded that they have no objection in accepting the proposals given by the DISCOMs. However, the objective of the bringing their observations to the notice of the Commission is the accuracy and veracity of the data given seems questionable on the face of it and begs an answer on the very veracity of the information/data for the very calculations.

DISCOMS' Response: None.

Commission's view: While computing the CSS, the Commission rectified the discrepancies in the proposals made by the DISCOMs.

CSS/AS to be as per NTP-2006

19. Sree Rayaseema Alkalies and Allied Chemicals Limited stated that as DISCOMs proposed CSS as NIL for 132 KV HT-1 industrial segregated category for the FY 2015-16 based on NTP-2006, they proceeded to purchase the energy under Open Access but were astonished when the Commission fixed the CSS for HT-1 as Rs.2.39 per unit based on the Embedded Cost Methodology. As a result, they were discouraged to purchase the energy under Open Access. Therefore, they requested the Commission to determine the CSS/AS as per NTP-2006 in the interest of justice.

DISCOMS' Response: None.

Commission's view: The Commission followed NTP-2006 for determining the CSS/AS.

Binding Nature of Provisions of Tariff Policy 2016 from Legal Perspective

20. Sri M. Venugopala Rao, Senior Journalist & Convener/Center for Power Studies has quoted various provisions of the EA, 2003 and National Tariff Policy related to CSS. He further stated that the reform process has its dichotomies, in the form of regulation, on the one hand, and encouraging competition and free market, on the other; in the form of allowing consumers to opt for open access, on the one hand, and forcing the Power Distribution Companies, which actually means their consumers of power, to purchase high cost renewable energy under Renewable Power Purchase Obligation; etc. In view of the peculiar nature of power sector, there is no scope for level-playing field to ensure real competition. Unlike other commodities, power cannot be stored, except with very high and unbearable expenditure and arrangements which are unviable because generation and consumption being simultaneous which is well known. Though the utility of power to consumers is the same, with no scope for differences in quality, irrespective of its mode of generation, technology and fuels used for the same, and variations in requirements of systems needed for evacuation, transmission and distribution depending on the location of generation and final point of consumption, the costs of generation, transmission and distribution vary naturally from generator to generator. In such a situation, competition is meaningless, as there is simply no scope for level playing field.

When Discoms can meet demand for power, there is no point in encouraging open access. No consumer would opt for open access, if adequate supply of power is ensured and tariff is competitive vis a vis open

access. Preference for open access implies that there is no level playing field in terms of costs of generation and consumers prefer open access if only supply of adequate power is ensured to them at tariffs less than what are being charged by the Discoms or when the latter fails to ensure supply adequate power. It also implies that suppliers under open access can charge tariffs to consumers higher than the tariffs at which they can sell their power to the Discoms. In such a situation, only those suppliers of power with relatively lesser costs of generation and supply, which need not be higher efficiency, can attract open access consumers. Needless to say, cross-subsidized and subsidized consumers need not opt for open access. When cross-subsidizing consumers, obviously HT consumers, opt for open access and leave the Discoms, the latter will be deprived of cross subsidy and profit proportionately. As a result, based on cost of service, requirement of the Discoms for cross subsidy will increase. To bridge the gap of cross subsidy and revenue requirement of the Discoms that arises as a result of open access, either charges for subsidized consumers have to be increased, or cross subsidy from subsidizing consumers has to be increased, or subsidy from the Government has to be increased. It also leads to dichotomy of consumers of same category paying different tariffs – tariffs fixed by the Commission to the Discoms and tariffs under open access. With increase in open access, this trend gets intensified. In other words, social responsibility of serving subsidized consumers rests with the Discoms and the Government, and opportunities for higher profits go to open access suppliers of power with relatively cheaper costs and cross subsidy to be provided by subsidizing consumers who opt for open access will come down. As per the cross subsidy surcharge formula in the latest tariff policy, only a part of the revenue gap, including cross subsidy, of the Discoms that arises as a result of open access can be bridged with permissible cross subsidy surcharge. The calculations of cross subsidy surcharge given by both the Discoms make it clear that compared to the formula in the earlier tariff policy, the formula in the latest tariff policy provides for lesser cross subsidy surcharge.

The tariff policy says: “In case of outages of generator supplying to a consumer on open access, standby arrangements should be provided by the licensee on the payment of tariff for temporary connection to that consumer category as specified by the Appropriate Commission provided that such charges shall not be more than 125 percent of the normal tariff of that category” (8.5.6). When the Commission is determining tariffs to different categories of consumers for temporary connection, the tariff policy is not leaving it to the discretion of the Commission to determine tariffs for such open access consumers who draw power from the Discoms in such a way that it covers tariffs determined by the Commission for temporary connections adding cross subsidy surcharge also, in view of the stipulation that “such charges shall not be more than 125 percent of the normal tariff (not of tariff for temporary connections determined by the Commission) of that category. This is another anomaly, giving undue preference to open access consumers vis a vis consumers getting temporary connections from the Discoms.

When open access consumers leave the Discoms, the tariff policy says: “The additional surcharge for obligation to supply as per section 42(4) of the Act should become applicable only if it is conclusively demonstrated that the obligation of a licensee, in terms of existing power purchase commitments, has been and continues to be stranded, or there is an unavoidable obligation and incidence to bear fixed costs consequent to such a contract. The fixed costs related to network assets would be recovered through wheeling charges” (8.5.4). When open access consumers draw power from the Discoms even after opting for open access, the standby arrangements provided for such open access consumers by the Discoms may become stranded once they go back to open access supplier and till the same is put to use for supply to consumers of Discoms. In such cases, the Hon’ble Commission may exercise its discretion to fix additional surcharge to be recovered from such open access consumers substantially.

Keeping the above points, among others, in view, he requested the Hon’ble Commission to examine the legal position on how far the provisions of tariff policy are binding on it or is there scope for deviating from them to protect interests of subsidized consumers, on the one hand, and ensure uniformity in terms of tariffs to be paid by same category of consumers of the Discoms and under open access and take appropriate decisions.

DISCOMS’ response: The Cross Subsidy Surcharge is imposed when an industrial or commercial Consumer decides to purchase power from an independent generator and not from the distribution licensee. The Cross Subsidy Surcharge is imposed on the consumer to ensure that the distribution licensee does not pass on the additional amount to the domestic and agricultural consumers, which can result in a steep rise in the cost of power. However, there is no single method to compute Cross Subsidy Surcharge. There are guidelines from the Honourable Commission, National Tariff Policy 2005 as well as from the new National Tariff Policy 2016. Historically, the licensee have filed Cross Subsidy Surcharge as per National Tariff Policy, which now got amended to National Tariff Policy.

Commission’s view: Open access cannot be denied as EA, 2003 mandates it. The Commission has determined the Additional Surcharge as ‘NIL’ for the reasons already stated at Para No.45. Regarding the binding nature of the provisions of the tariff policy, it is to state that as far as the CSS is concerned, the Commission is bound to fix the CSS rates as per formula specified in the National Tariff Policy based on the Hon’ble APTEL and Hon’ble Supreme Court judgements.

Shri Girija Alloy and Power(P) Limited

21. The objector is a Ferro Alloys manufacturer having captive power plant of 3x36 MW installed capacity. After meeting their captive power requirement of 13 MW, they have tied up the balance power with AP and Telangana DISCOMs. The Ferro Alloy Industry has been going through a severe crisis due to the down turn of domestic and global steel industry. As a result, they are operating the Furnaces at 40% capacity and are not in position to recover the variable costs also leave alone interest and depreciation.

Moreover, AP has reduced power purchases from their captive power plant and at the same time they are not able to sell the power from the captive power plant to third parties due to cross subsidy surcharge. The cost of generation from power plant is high due to small size of the boiler and dependence on the imported coal. Due to the above factors, they are unable to pay the term loans and have gone for restructuring of the loans. If the cross subsidy charges are imposed, they will have to their operations totally. In view of the above, they requested the Commission to waive of CSS for Ferro Alloys Industries having captive power plants for the FY 2015-16 and FY 2016-17.

DISCOMs' response: None

Commission's view: Keeping in view the employment generation potential of Ferro Alloy Industries, the crisis the industry is facing and the need to encourage the industrial development in the new State of AP, the Commission fixed the energy charges for this industry at lower levels compared to that of other industries. Further, demand charges for this the industry is 'NIL' and the minimum energy charges were also reduced to 50 kVAh/KVA for FY 2016-17. Moreover, the GoAP is providing a subsidy Rs.1.50 per unit also to these industries for FY 2016-17. The Commission feels that enough incentives have already been provided to this industry for its revival.

In addition to the above written objections, various objectors submitted their views orally during the public hearings. Sri K. Gopal Choudary, learned counsel reiterated what was stated in the written objections and sought additional information like the calculations and data for arriving at the power purchase cost, station wise power purchase details, the calculations and data for arriving at 'T' sub-category wise including break up of MD charges, energy charges, CMD, energy consumed etc. Further, he sought clarification on how the districts of Ananthapur and Kurnool which were previously in APCPDCL area were proposed to be included with the previous supply area of APSPDCL as far as the power purchases, consumption and CSS are concerned. He felt that prior to bifurcation of AP, the CSS applicable for the consumers of Ananthapur and Kurnool districts can only be that which is applicable to all other consumers with in the area of the supply of APCPDCL. Sri R. Shiva Kumar on behalf of AP Spinning Mills Association stated that Avoided Cost Methodology should be adopted for computing CSS, and that the Licensees claimed no Additional Surcharge, hence it is presumed that there will be no Additional Surcharge. Other objectors basically reiterated what was already stated in the written objections.

CHAPTER-III
LEGAL ISSUES

- 22.** Section 39 (2) (d) (ii) of the Electricity Act, 2003 makes it one of the functions of a State Transmission Utility to provide non-discriminatory open access to its transmission system for use by any consumer as and when such open access is provided by the State Commission under sub-section (2) of section 42, on payment of the transmission charges and a surcharge thereon, as may be specified by the State Commission in respect of transmission. Open Access provided to a person establishing captive generating plant for carrying the electricity to the destination of his own use shall not be levied any such surcharge.
- 23.** Section 40 (c) (ii) of the Electricity Act, 2003 provides that a transmission licensee has to provide non-discriminatory open access to its transmission system for use by any consumer as and when such open access is provided by the State Commission under sub-section (2) of section 42, on payment of the transmission charges and a surcharge thereon, as may be specified by the State Commission. Such surcharge shall not be leviable in case open access is provided to a person who has established a captive generating plant for carrying the electricity to the destination of his own use.
- 24.** Section 42 (4) of the Electricity Act, 2003 makes a consumer receiving supply of electricity from a person other than the distribution licensee liable to pay an additional surcharge on the charges of wheeling, as may be specified by the State Commission.
- 25.** The Andhra Pradesh Electricity Regulatory Commission made Regulation No.2 of 2005 on the terms and conditions of Open Access in exercise of the powers conferred by sections 181, 39, 40 and 42 of the Electricity Act, 2003 and Regulation 17 thereof provides for regulation of levy of open access charges on open access users.
- 26.** Thereafter the Andhra Pradesh Electricity Regulatory Commission issued orders in O.Ps.16 of 2005 and 13 of 2006 determining the Cross Subsidy Surcharge and additional surcharge for 2005-06 and 2006-07 based on embedded cost methodology which was applied for determination of the Cross Subsidy Surcharge.
- 27.** The same was the subject of challenge before the Hon'ble Appellate Tribunal for Electricity in Appeal No.169 of 2006 and batch decided on 05.07.2007. The Hon'ble Appellate Tribunal on an exhaustive consideration concluded that surcharge formula as prescribed by the Tariff Policy is in tune with the spirit of the Electricity Act and must be adopted by all the Regulatory Commissions. The Andhra Pradesh Electricity Regulatory Commission was directed to compute the Cross Subsidy Surcharge for 2006-07 and for subsequent years in accordance with the surcharge formula given in para 8.5 of the Tariff Policy. The Hon'ble Appellate Tribunal further directed that the charges shall be reasonable as would result in

promoting competition with due regard to the spirit of the Act as manifested by its Preamble and the direction also shall apply for computing Cross Subsidy Surcharge for 2005-06 as well.

- 28.** The matter was carried to the Hon'ble Supreme Court by the State Commission and the Hon'ble Supreme Court dismissed the Civil Appeal Nos.4936 to 4941 of 2007 by the order dated 31.03.2016 due to which this Commission is bound by the orders of the Hon'ble Appellate Tribunal, which have become final, to compute the Cross Subsidy Surcharge for 2005-06, 2006-07 and for subsequent years in tune with the observations made by the Hon'ble Appellate Tribunal.
- 29.** In the meanwhile in O.Ps.5 of 2007 and 73 to 77 of 2012, the Andhra Pradesh Electricity Regulatory Commission determined the Cross Subsidy Surcharge and additional surcharge for the years 2007-08 to 2012-13 by the orders dated 26.10.2012. The State Commission passed a provisional order in O.P.No.5 of 2007 on 28.03.2007 extending the same Cross Subsidy Surcharge and additional surcharge for 2006-07 with effect from 01.04.2007 also.
- 30.** The order dated 26.10.2012 was the subject of challenge before the Hon'ble High Court in W.P.Nos.34215 of 2012 and batch which was disposed of by a common order dated 20.06.2016. The Hon'ble High Court set aside the orders of the State Commission in view of the orders of the Hon'ble Supreme Court dated 31.03.2016 and remitted back the matters to this State Commission or Telangana State Electricity Regulatory Commission for consideration afresh keeping all the legal and factual objections at large.
- 31.** In the meanwhile in O.P.No.8 of 2015, this Commission has determined the Cross Subsidy Surcharge and additional surcharge for the year 2015-16 by an order dated 15.04.2015 which was the subject matter of challenge before the Hon'ble High Court in W.P.Nos.26740 of 2015 and batch. The Hon'ble High Court by the common order dated 27.04.2016 noted that as Civil Appeals filed by the State Commission on the very same principle of embedded cost methodology were dismissed by the Apex Court, the issue has to be reconsidered by the State Commission in accordance with law. The Hon'ble High Court accordingly remitted back to the State Commission, making any payments made subject to the final orders of the State Commission. Thus the determination of the Cross Subsidy Surcharge and additional surcharge by the erstwhile Andhra Pradesh Electricity Regulatory Commission for 2005-06 to 2012-13 and by this Commission for 2015-16 is made the subject of reconsideration herein setting aside the earlier determination, by the orders of the Hon'ble Appellate Tribunal and confirmed by the Hon'ble Supreme Court and the orders of the Hon'ble High Court in various matters.
- 32.** The question of jurisdiction of this Commission for making such redetermination for a period prior to the bifurcation of the State was raised herein. In a batch of 34 matters, this Commission has already decided the question of jurisdiction by its orders dated 28.09.2016 holding that all proceedings which either exclusively relate to the territory of the State of Andhra Pradesh or which do not exclusively relate to the

territory of the new State of Telangana shall fall within the jurisdiction of this Commission and be adjudicated by this Commission in accordance with law. The said order is the subject matter of challenge before the Hon'ble High Court of Judicature at Hyderabad for the State of Telangana and the State of Andhra Pradesh, but the order has not so far been stayed or suspended by the Hon'ble High Court. In view of the view taken by this Commission on the question of jurisdiction, this Commission is empowered in law to re-determine the Cross Subsidy Surcharge and additional surcharge for the earlier years in obedience to and compliance with the orders of the Hon'ble Appellate Tribunal for Electricity and the Hon'ble High Court. Even otherwise, the Central Electricity Regulatory Commission or the Telangana State Electricity Regulatory Commission cannot have jurisdiction over the determination of the Cross Subsidy Surcharge and additional surcharge for the territories now forming part of the State of Andhra Pradesh for any period prior to the bifurcation of the State under any provision of the Electricity Act, 2003 or the Andhra Pradesh Reorganisation Act, 2014 or any rules or regulations made there-under. The statutory duty imposed on the State Commission to determine such Cross Subsidy Surcharge and additional surcharge under Sections 39, 40 and 42 of the Electricity Act, 2003 and the Regulation No.2 of 2005 made there-under cannot be left in a vacuum without being exercised by anybody. This Commission alone will be the appropriate Commission under law to perform such statutory duty in respect of the territories now forming part of the State of Andhra Pradesh for any period prior to the bifurcation of the State also. It may also be noted that the liability of any Open Access consumers for being subjected to levy of such Cross Subsidy Surcharge and additional surcharge in accordance with law can be clearly demarcated and identified without in any manner touching any Open Access consumers within the territories now forming part of the State of Telangana in any year. Such severability also further justifies exercise of jurisdiction in this regard by this Commission. The data and information forming the basis for such determination have been so analysed and calculated as to represent with all possible accuracy the liability of the Open Access consumers of the present State of Andhra Pradesh only within the jurisdiction of two Distribution Companies of the State including the two districts made over to the Southern Power Distribution Company of Andhra Pradesh Limited on bifurcation.

- 33.** Then was raised the question of retrospectivity of the determination of the Cross Subsidy Surcharge and additional surcharge and the objectors referred to a decision of the Hon'ble Supreme Court in Binani Zinc Limited Vs. Kerala State Electricity Board and others **(2009) 11 Supreme Court Cases 244** but the principle laid down by the Hon'ble Supreme Court therein was that the State Commission is not empowered to frame tariff with retrospective effect so as to cover the period before its constitution. Such a contingency does not arise here as the determination from 2005 to 2017 was only for a period after the constitution of the erstwhile Andhra Pradesh Electricity Regulatory Commission and this

Commission in continuity. The prospectivity or retrospectivity of the law constituting or empowering the Commission is therefore not a question arising herein.

- 34.** The objectors also relied on the decision of the Hon'ble Appellate Tribunal for Electricity in Appeal Nos.111 of 2010 and batch dated 11.01.2011 wherein a principle was laid down that none of the provisions contained in the Electricity Act, 2003 dealing with the powers, duties and functions of the State Commission enable passing an order with retrospective effect. In respect of the years 2005-06, 2006-07 and 2007-08, the proceedings of the Commission were prospective and not retrospective including the interim order passed in O.P.No.5 of 2007 on 28.03.2007 extending the rates specified in O.P.No.13 of 2006 from 01.04.2007 also. In respect of O.P.Nos.73 to 77 of 2012, the erstwhile Andhra Pradesh Electricity Regulatory Commission opined that the proceedings are a continuation of the proceedings already taken up by the Commission in which the interim order dated 28.03.2007 was issued. This interim order was passed under Section 94 (2) of the Electricity Act, 2003 which empowers the Commission to pass any interim order and the interim order was clearly stated to continue till a final order is passed on the proceedings already initiated which final orders were only passed ultimately on 26.10.2012. This view of the Commission cannot be straightaway dissented from as illogical as the interim order clearly makes the continuance of the existing rates and payment there-under subject to adjustment against such surcharge or additional surcharge payable under the final orders and the final orders passed subsequently may not attract the vice of retrospectivity. What is being determined is the quantum of the liability for the relevant periods but not the imposition of the liability to contend that the liability is being imposed retrospectively. The liability is imposed by the statute and the regulation which already exist, which is being only quantified by this order.
- 35.** Even in respect of the financial year 2015-16 under consideration in O.P.No.8 of 2015, the licensees have included the request for determination of the Cross Subsidy Surcharge and additional surcharge in their ARR/FPT filings filed before the Commission much before the commencement of the financial year 2015-16 and the request was also part of the public notice inviting views/suggestions/objections of all the stakeholders and only one objection was received by the Commission which was answered in the Tariff Order of 2015-16 at Page 50 in Para 93. The fact that the Commission did not determine the Cross Subsidy Surcharge and additional surcharge in the Tariff Order itself but decided it separately in O.P.No.8 of 2015 cannot act to the disadvantage of the Distribution Licensees. Though O.P.No.8 of 2015 was rather incorrectly described as *suomotu*, it is in fact a continuation of the tariff proceedings and it was decided on 15.04.2015 with the liability for payment of the surcharge and additional surcharge from 01.04.2015, with some of the objectors approaching the Hon'ble High Court with Writ Petitions raising among other things the question of imposing such surcharge and additional surcharge since 14 days prior to the order. Apart from other things, the well settled principle that an act of the Court cannot

prejudice anyone comes to the aid of the Distribution Licensees as their approach to the Commission was much anterior to the financial year though the determination by the Commission was after commencement of the financial year. In *State of Gujarat and others Vs. Essar Oil Limited and another* **(2012) 3 Supreme Court Cases 522**, the Hon'ble Supreme Court observed that this principle is based on justice and good sense and is a guide for administration of law. The Hon'ble Supreme Court referred to various decisions and the principle of *restitution* and in fact the order was made during the billing month of April itself, thus not attracting any retrospectivity in the real sense.

- 36.** The Distribution Licensees referred to a decision of the Hon'ble Supreme Court in *U.P. Power Corporation Ltd., Vs. National Thermal Power Corporation Ltd., and others* **(2009) 6 SCC 235** wherein the Hon'ble Supreme Court recognized the exclusive jurisdiction of the Central Electricity Regulatory Commission to frame not only tariff but also any amendment, alterations and additions in regard thereto. It was also held that the principles of *res judicata* have no application having regard to the nature of jurisdiction. The Apex Court also referred to the framing of tariff in several stages and thus the wide powers of the appropriate Commission in relation to the tariff received the approval of the Hon'ble Supreme Court. The Distribution Licensees also relied on the decision of the Hon'ble Appellate Tribunal for Electricity in *Rico Auto Industries Ltd., Omax Vs. Haryana Electricity Regulatory Commission* decided on 10.07.2007 in which the Commission was questioned on the ground of violating the period of limitation incorporated in Section 56 of the Electricity Act, 2003. The Hon'ble Appellate Tribunal held that Section 56 (2) of the Electricity Act, 2003 cannot apply when the utilities cannot recover their dues till the Commission determines the same and did not determine the FSA. Observing that the limitation as provided by the Limitation Act has not expired, the Hon'ble Appellate Tribunal refused to apply Section 56 (2) of the Electricity Act, 2003. In the present consideration, the question of limitation does not arise in respect of 2005-06, 2006-07, 2007-08 and 2015-16, while the said liability was determined as NIL for 2013-14 and not determined at all for 2014-15. Even in respect of the remaining years 2008-09 to 2012-13, the determination on 26.10.2012 cannot involve any limitation till the expiry of the period of limitation provided by the Limitation Act, 1963 or the limitation provided by Section 56 (2) of the Electricity Act, 2003 by any logic. However, when the liability for payment of surcharge and additional surcharge has to be determined by the Commission in performance of its duty and the Commission fails to do so, prejudice would be caused to the rights of the licensees to recover the same as and when determined by the Commission, if such a right were to be deprived on the ground of any concept of limitation, the applicability of which is open to suspicion and does not appear to have been covered by any binding precedent.
- 37.** In respect of the FY 2016-17, both the Distribution Licensees included the proposals for determination of Cross Subsidy Surcharge for Open Access transactions along with ARR/FPT filings for determination of

tariff for Retail Sale of Electricity during FY 2016-17 based on the formula prescribed by the National Tariff Policy, 2006. Subsequent to the same, the National Tariff Policy was revised by the Ministry of Power, Government of India under a Resolution dated 28.01.2016 and consequently the Commission by a letter dated 23.02.2016 informed the Licensees to file fresh proposals in this regard in accordance with such methodology as they deem fit and proper, as the National Tariff Policy, 2006 which formed the basis of the earlier filings ceased to exist. The Licensees were also informed that in case of such fresh filings, the determination of Cross Subsidy Surcharge will be done independently as per the prescribed procedure. The revised proposals were submitted by both the Distribution Licensees on 04.03.2016 and 28.03.2016 respectively and thus the original filings and the revised filings were also much prior to the commencement of the FY 2016-17. Compliance by the Commission of all the necessary formalities before such determination of the Cross Subsidy Surcharge inevitably consumed further time, the fault for which cannot be laid at the door of the Distribution Licensees. While the Retail Supply Tariff Order for 2016-17 was made on 31.03.2016, during the course of public hearings of these matters on the objections raised by several stakeholders, the Distribution Licensees were asked by the Commission to file revised proposals of Cross Subsidy Surcharge in tune with the findings of this Commission in the order on Retail Supply Tariffs, as the original and revised proposals were based on estimates assessed by the Distribution Licensees which can no longer form the basis for determination of such surcharge. After the revised proposals and all the required additional information was placed before the Commission, the public hearings were concluded only on 22.10.2016. The controversy as to whether the Commission can impose any such surcharge retrospectively or not does not arise on facts on the present background as the consideration of the proposals for determination of the Cross Subsidy Surcharge for the FY 2016-17 was thus pending since much before the commencement of the FY 2016-17 on 01.04.2016. The pendency of the proceedings for various reasons detailed above till now cannot deprive the Licensees of their statutory right to recover such surcharge under the statute and the regulation already referred to. While any order by a judicial or quasi-judicial body on any matter pending before it will be with reference to the date of its institution before it and not the date of disposal, in any view, the unquestioned principle that the act of the Court cannot prejudice any one answers any such objections. The consumer who had the liability to pay surcharge or additional surcharge by virtue of the statutory liability, cannot complain of any surprise or prejudice or injustice as their liability is statutory if the conditions of the relevant provisions are satisfied and is not depending on the discretion of the Licensees or consumer or even the Commission. The pendency of the proceedings before the Commission cannot result in any unjust deprivation to the Licensees or any unforeseen benefit to the consumers. The consumers who enjoyed the services of the transmission system of the State Transmission Utility/Transmission Licensee and the distribution system of the Distribution Licensees

cannot seek any unfair advantage of getting such services gratuitously against the letter and spirit of the Electricity Act, 2003 and Regulation No.2 of 2005. Even under the general law it is well settled that the obligation of a person enjoying the benefit of non-gratuitous act is to compensate the person lawfully doing anything for that other person not intending to do so gratuitously. The principle of Section 70 of the Indian Contract Act, 1872 would also thus apply to such cases. Therefore, notwithstanding the pendency of these proceedings since prior to 01.04.2016 till now, the determination of Cross Subsidy Surcharge by this order shall have to be made effective from 01.04.2016.

- 38.** It is true that individual notices were not given in these proceedings to all the Open Access consumers in the State of Andhra Pradesh, whether they were parties to the proceedings before the Hon'ble Appellate Tribunal for Electricity or the Hon'ble High Court of Andhra Pradesh, after the orders of remand by the Hon'ble Appellate Tribunal for Electricity or the Hon'ble High Court of Andhra Pradesh. Regulation 4 of 2005 which prescribes the Terms and Conditions for Determination of Tariff for Wheeling and Retail Sale of Electricity and Regulation No.5 of 2005 which governs the Terms and Conditions for Determination of Transmission Tariff only provide for the guidelines for computation and filing of ARR/FPT, while Regulation 4 of 2005 enables the Distribution Licensees to include any matters considered appropriate by it to be included in the proposals for tariff. Regulation No.5 of 2005 definitely has in its scope the Open Access users also as specifically defined by Regulation 2 (i) (u) of the said Regulation. The procedure and the rules governing conduct of proceedings before the Commission are laid down in the Andhra Pradesh Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and proceedings are defined by Regulation 2 (g) thereof as including proceedings of any nature that the Commission may hold in the discharge of its functions under the Act. This necessarily covers the proceedings of the present nature also. Under Regulation No. 8 thereof on initiation of the proceedings, the Commission may give the necessary orders and directions for service of notice on the affected or interested parties or it may, if it considers appropriate issue orders for advertisement of the petition inviting comments on the issues involved in the proceedings in such form as the Commission may direct. In all matters involving the pending issues of tariff or charge or surcharge or additional surcharge, the Andhra Pradesh Electricity Regulatory Commission is invariably following the procedure of issue of public notice through advertisement in the website of the Commission and/or websites of the Licensees and/or by publication in Telugu and English newspapers in circulation in the State. It also conducted public hearings open to every stakeholder in such cases of general application. The same was the procedure followed in the original proceedings herein also before remand and the objectors before the Commission or the persons who approached the Hon'ble Appellate Tribunal for Electricity or the Hon'ble High Court of Andhra Pradesh also participated in the proceedings only in response to such general information. After remand, the public hearings of this Commission were again notified on the

websites of the Commission and the Licensees. The persons who are parties before the Hon'ble Appellate Tribunal for Electricity or the Hon'ble High Court of Andhra Pradesh who must have had knowledge about the orders passed therein could not have been presumed to be ignorant of the remanded proceedings before this Commission in obedience to the orders passed in the matters filed by them before the Hon'ble Appellate Tribunal for Electricity or the Hon'ble High Court of Andhra Pradesh. In fact, a number of such persons are again among the objectors in the proceedings herein after remand also concerning FYs 2005 to 2017 either in person or through counsel. The hearing of the matter is left to the discretion of the Commission in all respects by Regulation No.15 of Regulation No.2 of 1999. Thus, there is an effective and reasonable compliance with the procedure prescribed for the conduct of the proceedings and any omission or deviation from the same is not shown to have occurred or in any manner to have caused any prejudice or inconvenience to the rights and interests of any such user or consumer. Anyhow, this objection is to be answered in respect of the earlier years and not 2016-17 which is strictly in accordance with the prescribed procedure.

- 39.** While any deficiency in the relevant data to enable the Commission to satisfactorily determine the Cross Subsidy Surcharge has been supplied by the Distribution Licensees during the pendency of the proceedings on the directions of the Commission from time to time with notice to the objectors and an opportunity for them to respond, any hyper-technical questions about the absence of specific applications or proposals in writing from the Distribution Companies need no deeper consideration as all the relevant material is before the Commission and as the Hon'ble Appellate Tribunal for Electricity directed determination of Cross Subsidy Surcharge not only for 2005-06 and 2006-07 but also for subsequent years which mandate has become final by the dismissal of the appeals by the Hon'ble Supreme Court and which cannot be disregarded in any manner by the Commission. The judgment of the Hon'ble Appellate Tribunal for Electricity in O.P.No.1 of 2011 dated 11.11.2011 considered an identical question about the jurisdiction of the State Regulatory Commissions to determine the tariff in the absence of any tariff application by the utilities. Referring exhaustively to the provisions of the Electricity Act, 2003 and the various State Regulations, the Hon'ble Appellate Tribunal with reference to its earlier judgments and the decisions of the Apex Court, observed that quasi-judicial authorities like the State Electricity Regulatory Commissions are vested with more liberal powers to adopt more flexible process to fulfil their statutory objectives with purposeful efficiency. Hence, the Hon'ble Appellate Tribunal concluded that the State Commissions can initiate *suomotu* proceedings and collect the data and information and give suitable directions and then determine the tariff even in the absence of the application filed by the utilities by exercising the powers under the Act and the Regulations. A consequent direction that the State Commission must initiate *suomotu* proceedings for tariff determination in the event of delay in filing the ARR one month beyond the scheduled date was given.

The principle is squarely applicable to the present consideration and performance of the statutory function and duty by the Commission is not dependent on presence or absence of specific applications or proposals from the Distribution Licensees in respect of any year under examination. The Commission made its best efforts to have the relevant data and information before it for making such determination before and after remand also.

- 40.** Concerning the objections about Anantapur and Kurnool districts being beyond the scope of determination of such surcharge due to their having come into the Southern Power Distribution Company of Andhra Pradesh Limited only after bifurcation, it has to be noted that the data of those two districts was neither furnished by the Distribution Companies nor specifically taken into account by the Commission in calculating the Cross Subsidy Surcharge. The same makes no material difference of significance as all the parameters governing such quantum of surcharge are more or less identical even for those two districts. Application of the law of averages in such a situation cannot be considered as unjust and unreasonable when any marginal or peripheral variations of no significance in the relevant parameters is of no or little impact on the correctness or accuracy of the determination of the Cross Subsidy Surcharge.
- 41.** Thus, the determination of the Cross Subsidy Surcharge and additional surcharge for the years 2005 to 2017 in different Original Petitions now being disposed of by two separate orders by this Commission is in faithful obedience to the directions and orders of the Hon'ble Appellate Tribunal for Electricity and the Hon'ble High Court which this Commission is duty bound to comply and is not in violation or deviation of any provisions of any statute or rule or regulation or legal principle or judicial precedent.

CHAPTER-IV

DETERMINATION OF CSS

42. Now, therefore, the Commission, in exercise of the powers conferred by Sections 39, 40, and 42 of the Act and all other powers enabling it in that behalf and after examination of the licensees' filings for determination of the Cross Subsidy Surcharge for FY 2005-06 to FY 2012-13 & FY 2015-16 and after taking cognizance of all the stakeholders' views/objections/suggestions on these filings obtained as part of the public consultation process, hereby determines the Cross Subsidy Surcharge/Additional Surcharge applicable for different categories of consumers who availed open access for FY 2005-06 to FY 2012-13 & FY 2015-16, as indicated hereinafter in this order. The Commission has decided to adopt the formula specified in the National Tariff Policy, 2006 for computing the CSS keeping in view the Hon'ble Supreme Court judgement and the need to balance the interests of all stakeholders.

Filings by the Licensees

43. As already mentioned at Para no.12, the Licensees submitted proposals to the Commission on 24.08.16 and 27.08.16 respectively for determination of CSS for FY 2005-06 to FY 2012-13 & FY 2015-16 based on the actual values (instead of tariff orders figures) and as per the formula specified in the National Tariff Policy, 2006. As per the said Tariff Policy, the surcharge shall be computed as per the following formula;

$$S = T - [C(1+L/100) + D]$$

Where

S is the surcharge, T is the Tariff payable by the relevant category of consumers, C is the weighted average cost of power purchase of top 5% at the margin excluding liquid fuel based generation and renewable power, D is the Wheeling charge, L is the system Losses for the applicable voltage level, expressed as a percentage.

Since the actual values for computing the components in NTP formula are available now, the Commission also feels that it is appropriate to compute CSS based on these values instead of the tariff order figures.

Commission's Analysis of the Licensees filings

The Commission analysed the filings made by the Licensees (Annexure-III) component wise. For arriving at 'T' (the tariff payable by the relevant category of consumers in Rs/unit) for each category of consumers, the Licensees divided the Revenue actually realized for each category of the consumers (after excluding the Non-Tariff Income for that category) by the actual sales made to that category. However, the Commission is of the view that the component 'T' should include demand charges, energy Charges but exclude other tariff related charges and Non-tariff Income (since these charges are any way collected by the Licensees irrespective of open access). Hence, the Commission computed 'T' by considering demand and energy charges only.

For the component 'C', the Licensees adopted the actual per unit weighted average cost of power purchases at the top 5% margin after excluding the renewable energy, liquid fuel, all Hydel generation and short term power purchases etc. which is not in line with NTP-2006. Hence, the Commission computed 'C' by excluding renewable energy, liquid fuel generation only in line with NTP-2006.

For computing component 'L', the Licensees adopted the actual loss percentages and the Commission accepts the same.

For computing the component 'D', the Licensees have adopted the rates as approved in the MYT orders for Transmission, Distribution businesses and Retail Tariff Orders. However, the methodology adopted by Licensees for computing 'D' is not correct. The Commission computed 'D' after grossing up the wheeling charges with transmission losses and adding the same to the PGCL and Transmission charges.

CSS computation by the Commission

44. With the above modifications, the Commission has recomputed the CSS applicable for different categories of the consumers of APSPDCL and APEPDCL operating within the territories of the present Andhra Pradesh. The details of the calculations are indicated below.

APEPDCL-Cross Subsidy Surcharges approved by APERC for FY 2005-06					
Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT Category at 11 kV					
HT-IA: Industrial General	4.22	2.95	0.79	12.48%	0.11
HT-1B: Ferro Alloy Units	-	2.95	0.79	12.48%	-
HT-II: Others	5.57	2.95	0.79	12.48%	1.47
HT-IVA: Govt. Lift Irrigation Schemes	2.36	2.95	0.79	12.48%	0.00
HT-IVB: Agricultural	-	2.95	0.79	12.48%	-
HT-VI: Townships and Residential Colonies	3.50	2.95	0.79	12.48%	0.00
HT: Temporary	-	2.95	0.79	12.48%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.85	2.95	0.79	8.44%	0.00
HT-1B: Ferro Alloy Units	2.87	2.95	0.79	8.44%	0.00
HT-II: Others	5.23	2.95	0.79	8.44%	1.24

APEPDCL-Cross Subsidy Surcharges approved by APERC for FY 2005-06

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+((4))
HT-IVA: Govt. Lift Irrigation Schemes	2.36	2.95	0.79	8.44%	0.00
HT-IVB: Agricultural	-	2.95	0.79	8.44%	-
HT-VI: Townships and Residential Colonies	3.50	2.95	0.79	8.44%	0.00
HT: Temporary	-	2.95	0.79	8.44%	-
HT Category at 132 kV					
HT-IA: Industrial General	4.16	2.95	0.29	5.00%	0.78
HT-1B: Ferro Alloy Units	2.87	2.95	0.29	5.00%	0.00
HT-II: Others	5.71	2.95	0.29	5.00%	2.32
HT-IVA: Govt. Lift Irrigation Schemes	-	2.95	0.29	5.00%	-
HT-IVB: Agricultural	-	2.95	0.29	5.00%	-
HT-V: Railway Traction	4.40	2.95	0.29	5.00%	1.01
HT-VI: Townships and Residential Colonies	-	2.95	0.29	5.00%	-
HT: Temporary	-	2.95	0.29	5.00%	-

APEPDCL-Cross Subsidy Surcharges approved by APERC for FY 2006-07

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+((4))
HT Category at 11 kV					
HT-IA: Industrial General	3.96	3.47	0.31	11.89%	0.00
HT-1B: Ferro Alloy Units	-	3.47	0.31	11.89%	-
HT-II: Others	5.30	3.47	0.31	11.89%	1.11
HT-IVA: Govt. Lift Irrigation Schemes	2.36	3.47	0.31	11.89%	0.00

APEPDCL-Cross Subsidy Surcharges approved by APERC for FY 2006-07

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT-IVB: Agricultural	1.23	3.47	0.31	11.89%	0.00
HT-VI: Townships and Residential Colonies	3.50	3.47	0.31	11.89%	0.00
HT: Temporary	-	3.47	0.31	11.89%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.68	3.47	0.25	7.85%	0.00
HT-1B: Ferro Alloy Units	2.56	3.47	0.25	7.85%	0.00
HT-II: Others	5.27	3.47	0.25	7.85%	1.29
HT-IVA: Govt. Lift Irrigation Schemes	2.36	3.47	0.25	7.85%	0.00
HT-IVB: Agricultural	-	3.47	0.25	7.85%	-
HT-VI: Townships and Residential Colonies	3.50	3.47	0.25	7.85%	0.00
HT: Temporary	-	3.47	0.25	7.85%	-
HT Category at 132 kV					
HT-IA: Industrial General	3.71	3.47	0.23	4.45%	0.00
HT-1B: Ferro Alloy Units	2.56	3.47	0.23	4.45%	0.00
HT-II: Others	6.12	3.47	0.23	4.45%	2.27
HT-IVA: Govt. Lift Irrigation Schemes	-	3.47	0.23	4.45%	-
HT-IVB: Agricultural	-	3.47	0.23	4.45%	-
HT-V: Railway Traction	4.21	3.47	0.23	4.45%	0.35
HT-VI: Townships and Residential Colonies	-	3.47	0.23	4.45%	-
HT: Temporary	-	3.47	0.23	4.45%	-

APEPDCL-Cross Subsidy Surcharges approved by APERC for FY 2007-08

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT Category at 11 kV					
HT-IA: Industrial General	4.05	4.60	0.14	11.69%	0.00
HT-1B: Ferro Alloy Units	-	4.60	0.14	11.69%	-
HT-II: Others	5.40	4.60	0.14	11.69%	0.12
HT-IVA: Govt. Lift Irrigation Schemes	2.15	4.60	0.14	11.69%	0.00
HT-IVB: Agricultural	3.57	4.60	0.14	11.69%	0.00
HT-VI: Townships and Residential Colonies	3.53	4.60	0.14	11.69%	0.00
HT: Temporary	-	4.60	0.14	11.69%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.89	4.60	0.08	7.72%	0.00
HT-1B: Ferro Alloy Units	2.55	4.60	0.08	7.72%	0.00
HT-II: Others	4.77	4.60	0.08	7.72%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	2.36	4.60	0.08	7.72%	0.00
HT-IVB: Agricultural	-	4.60	0.08	7.72%	-
HT-VI: Townships and Residential Colonies	3.50	4.60	0.08	7.72%	0.00
HT: Temporary	-	4.60	0.08	7.72%	-
HT Category at 132 kV					
HT-IA: Industrial General	3.68	4.60	0.06	4.30%	0.00
HT-1B: Ferro Alloy Units	2.55	4.60	0.06	4.30%	0.00
HT-II: Others	5.63	4.60	0.06	4.30%	0.78
HT-IVA: Govt. Lift Irrigation Schemes	-	4.60	0.06	4.30%	-
HT-IVB: Agricultural	-	4.60	0.06	4.30%	-
HT-V: Railway Traction	4.10	4.60	0.06	4.30%	0.00
HT-VI: Townships and Residential Colonies	-	4.60	0.06	4.30%	-
HT: Temporary	-	4.60	0.06	4.30%	-

APEPDCL-Cross Subsidy Surcharges approved by APERC for FY 2008-09

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+5)/100)+(4))
HT Category at 11 kV					
HT-IA: Industrial General	4.03	7.03	0.13	11.93%	0.00
HT-1B: Ferro Alloy Units	-	7.03	0.13	11.93%	-
HT-II: Others	5.35	7.03	0.13	11.93%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	2.36	7.03	0.13	11.93%	0.00
HT-IVB: Agricultural	3.32	7.03	0.13	11.93%	0.00
HT-VI: Townships and Residential Colonies	4.05	7.03	0.13	11.93%	0.00
HT: Temporary	-	7.03	0.13	11.93%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.72	7.03	0.07	7.77%	0.00
HT-1B: Ferro Alloy Units	2.45	7.03	0.07	7.77%	0.00
HT-II: Others	4.72	7.03	0.07	7.77%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	2.42	7.03	0.07	7.77%	0.00
HT-IVB: Agricultural	-	7.03	0.07	7.77%	-
HT-VI: Townships and Residential Colonies	3.98	7.03	0.07	7.77%	0.00
HT: Temporary	-	7.03	0.07	7.77%	-
HT Category at 132 kV					
HT-IA: Industrial General	3.53	7.03	0.05	4.20%	0.00
HT-1B: Ferro Alloy Units	2.45	7.03	0.05	4.20%	0.00
HT-II: Others	5.21	7.03	0.05	4.20%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	-	7.03	0.05	4.20%	-
HT-IVB: Agricultural	-	7.03	0.05	4.20%	-
HT-V: Railway Traction	4.00	7.03	0.05	4.20%	0.00
HT-VI: Townships and Residential Colonies	-	7.03	0.05	4.20%	-
HT: Temporary	-	7.03	0.05	4.20%	-

APEPDCL-Cross Subsidy Surcharges approved by APERC for FY 2009-10

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+4)
HT Category at 11 kV					
HT-IA: Industrial General	3.91	5.69	0.63	12.84%	0.00
HT-1B: Ferro Alloy Units	-	5.69	0.63	12.84%	-
HT-II: Others	5.37	5.69	0.63	12.84%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	2.38	5.69	0.63	12.84%	0.00
HT-IVB: Agricultural	2.53	5.69	0.63	12.84%	0.00
HT-VI: Townships and Residential Colonies	4.07	5.69	0.63	12.84%	0.00
HT: Temporary	-	5.69	0.63	12.84%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.77	5.69	0.40	9.02%	0.00
HT-1B: Ferro Alloy Units	2.36	5.69	0.40	9.02%	0.00
HT-II: Others	4.77	5.69	0.40	9.02%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	2.36	5.69	0.40	9.02%	0.00
HT-IVB: Agricultural	-	5.69	0.40	9.02%	-
HT-VI: Townships and Residential Colonies	4.00	5.69	0.40	9.02%	0.00
HT: Temporary	-	5.69	0.40	9.02%	-
HT Category at 132 kV					
HT-IA: Industrial General	3.39	5.69	0.37	5.86%	0.00
HT-1B: Ferro Alloy Units	2.34	5.69	0.37	5.86%	0.00
HT-II: Others	4.95	5.69	0.37	5.86%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	-	5.69	0.37	5.86%	-
HT-IVB: Agricultural	-	5.69	0.37	5.86%	-
HT-V: Railway Traction	3.87	5.69	0.37	5.86%	0.00
HT-VI: Townships and Residential Colonies	-	5.69	0.37	5.86%	-
HT: Temporary	-	5.69	0.37	5.86%	-

APEPDCL-Cross Subsidy Surcharges approved by APERC for FY 2010-11

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+4)
HT Category at 11 kV					
HT-IA: Industrial General	4.30	4.65	0.64	11.33%	0.00
HT-1B: Ferro Alloy Units	-	4.65	0.64	11.33%	-
HT-II: Others	5.86	4.65	0.64	11.33%	0.05
HT-IVA: Govt. Lift Irrigation Schemes	2.58	4.65	0.64	11.33%	0.00
HT-IVB: Agricultural	1.93	4.65	0.64	11.33%	0.00
HT-VI: Townships and Residential Colonies	4.06	4.65	0.64	11.33%	0.00
HT: Temporary	-	4.65	0.64	11.33%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.89	4.65	0.40	8.19%	0.00
HT-1B: Ferro Alloy Units	2.54	4.65	0.40	8.19%	0.00
HT-II: Others	5.17	4.65	0.40	8.19%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	2.57	4.65	0.40	8.19%	0.00
HT-IVB: Agricultural	-	4.65	0.40	8.19%	-
HT-VI: Townships and Residential Colonies	4.00	4.65	0.40	8.19%	0.00
HT: Temporary	-	4.65	0.40	8.19%	-
HT Category at 132 kV					
HT-IA: Industrial General	3.67	4.65	0.37	5.59%	0.00
HT-1B: Ferro Alloy Units	2.56	4.65	0.37	5.59%	0.00
HT-II: Others	4.86	4.65	0.37	5.59%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	-	4.65	0.37	5.59%	-
HT-IVB: Agricultural	-	4.65	0.37	5.59%	-
HT-V: Railway Traction	4.30	4.65	0.37	5.59%	0.00
HT-VI: Townships and Residential Colonies	-	4.65	0.37	5.59%	-
HT: Temporary	-	4.65	0.37	5.59%	-

APEPDCL-Cross Subsidy Surcharges approved by APERC for FY 2011-12

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+4)
HT Category at 11 kV					
HT-IA: Industrial General	4.43	4.96	0.76	12.67%	0.00
HT-1B: Ferro Alloy Units	-	4.96	0.76	12.67%	-
HT-II: Others	6.12	4.96	0.76	12.67%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	2.63	4.96	0.76	12.67%	0.00
HT-IVB: Agricultural	1.46	4.96	0.76	12.67%	0.00
HT-VI: Townships and Residential Colonies	5.41	4.96	0.76	12.67%	0.00
HT: Temporary	-	4.96	0.76	12.67%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.95	4.96	0.52	7.93%	0.00
HT-1B: Ferro Alloy Units	2.65	4.96	0.52	7.93%	0.00
HT-II: Others	5.34	4.96	0.52	7.93%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	2.60	4.96	0.52	7.93%	0.00
HT-IVB: Agricultural	-	4.96	0.52	7.93%	-
HT-VI: Townships and Residential Colonies	5.85	4.96	0.52	7.93%	0.00
HT: Temporary	-	4.96	0.52	7.93%	-
HT Category at 132 kV					
HT-IA: Industrial General	3.55	4.96	0.49	5.47%	0.00
HT-1B: Ferro Alloy Units	2.64	4.96	0.49	5.47%	0.00
HT-II: Others	5.57	4.96	0.49	5.47%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	-	4.96	0.49	5.47%	-
HT-IVB: Agricultural	-	4.96	0.49	5.47%	-
HT-V: Railway Traction	4.48	4.96	0.49	5.47%	0.00
HT-VI: Townships and Residential Colonies	-	4.96	0.49	5.47%	-
HT: Temporary	-	4.96	0.49	5.47%	-

APEPDCL-Cross Subsidy Surcharges approved by APERC for FY 2012-13

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+4))
HT Category at 11 kV					
HT-IA: Industrial General	5.98	6.41	0.77	12.44%	0.00
HT-1B: Ferro Alloy Units	-	6.41	0.77	12.44%	-
HT-II: Others	7.54	6.41	0.77	12.44%	0.00
HT-III: Public Infrastructure and Tourism	7.01	6.41	0.77	12.44%	0.00
HT-IVA: Lift Irrigation & Agriculture	3.30	6.41	0.77	12.44%	0.00
HT-IVB:CPWSS	2.43	6.41	0.77	12.44%	0.00
HT-VI: Townships and Residential Colonies	5.21	6.41	0.77	12.44%	0.00
HT: Temporary	-	6.41	0.77	12.44%	-
HT Category at 33 kV					
HT-IA: Industrial General	5.30	6.41	0.52	8.53%	0.00
HT-1B: Ferro Alloy Units	4.13	6.41	0.52	8.53%	0.00
HT-II: Others	6.43	6.41	0.52	8.53%	0.00
HT-III: Public Infrastructure and Tourism	5.95	6.41	0.52	8.53%	0.00
HT-IVA: Lift Irrigation & Agriculture	3.25	6.41	0.52	8.53%	0.00
HT-IVB:CPWSS	-	6.41	0.52	8.53%	-
HT-VI: Townships and Residential Colonies	5.05	6.41	0.52	8.53%	0.00
HT: Temporary	-	6.41	0.52	8.53%	-
HT Category at 132 kV					
HT-IA: Industrial General	4.94	6.41	0.49	5.25%	0.00
HT-1B: Ferro Alloy Units	3.62	6.41	0.49	5.25%	0.00
HT-II: Others	7.51	6.41	0.49	5.25%	0.27
HT-III: Public Infrastructure and Tourism	-	6.41	0.49	5.25%	-
HT-IVA: Lift Irrigation & Agriculture	-	6.41	0.49	5.25%	-
HT-IVB:CPWSS	-	6.41	0.49	5.25%	-
HT-V:Railway Traction	5.42	6.41	0.49	5.25%	0.00
HT-VI: Townships and Residential Colonies	-	6.41	0.49	5.25%	-
HT: Temporary	-	6.41	0.49	5.25%	-

APEPDCL-Cross Subsidy Surcharges approved by APERC for FY 2015-16

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT Category at 11 kV					
HT-IA: Industrial General	7.44	5.68	1.11	11.41%	0.00
HT-1B: Ferro Alloy Units	-	5.68	1.11	11.41%	-
HT-II: Others	9.22	5.68	1.11	11.41%	1.78
HT-III: Public Infrastructure and Tourism	8.57	5.68	1.11	11.41%	1.13
HT-IVA: Lift Irrigation & Agriculture	5.69	5.68	1.11	11.41%	0.00
HT-IVB:CPWS	4.92	5.68	1.11	11.41%	0.00
HT-VI: Townships and Residential Colonies	6.11	5.68	1.11	11.41%	0.00
HT-VIII: Temporary	-	5.68	1.11	11.41%	-
HT Category at 33 kV					
HT-IA: Industrial General	6.52	5.68	0.79	7.72%	0.00
HT-1B: Ferro Alloy Units	5.24	5.68	0.79	7.72%	0.00
HT-II: Others	8.39	5.68	0.79	7.72%	1.48
HT-III: Public Infrastructure and Tourism	7.37	5.68	0.79	7.72%	0.46
HT-IVA: Lift Irrigation & Agriculture	5.64	5.68	0.79	7.72%	0.00
HT-IVB:CPWSS	-	5.68	0.79	7.72%	-
HT-VI: Townships and Residential Colonies	6.06	5.68	0.79	7.72%	0.00
HT-VIII: Temporary	-	5.68	0.79	7.72%	-
HT Category at 132 kV					
HT-IA: Industrial General	6.10	5.68	0.77	4.48%	0.00
HT-1B: Ferro Alloy Units	4.79	5.68	0.77	4.48%	0.00
HT-II: Others	9.70	5.68	0.77	4.48%	2.99
HT-III: Public Infrastructure and Tourism	-	5.68	0.77	4.48%	-
HT-IVA: Lift Irrigation & Agriculture	-	5.68	0.77	4.48%	-
HT-IVB:CPWSS	-	5.68	0.77	4.48%	-
HT-V:Railway Traction	6.68	5.68	0.77	4.48%	0.00
HT-VI: Townships and Residential Colonies	-	5.68	0.77	4.48%	-
HT-VIII: Temporary	-	5.68	0.77	4.48%	-

APSPDCL-Cross Subsidy Surcharges approved by APERC for FY 2005-06

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT Category at 11 kV					
HT-IA: Industrial General	3.69	2.90	0.88	16.19%	0.00
HT-1B: Ferro Alloy Units	2.71	2.90	0.88	16.19%	0.00
HT-II: Others	3.97	2.90	0.88	16.19%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	0.23	2.90	0.88	16.19%	0.00
HT-IVB: Agricultural	-	2.90	0.88	16.19%	-
HT-VI: Townships and Residential Colonies	3.32	2.90	0.88	16.19%	0.00
HT: Temporary	-	2.90	0.88	16.19%	-
HT Category at 33 kV					
HT-IA: Industrial General	2.92	2.90	0.88	10.74%	0.00
HT-1B: Ferro Alloy Units	-	2.90	0.88	10.74%	-
HT-II: Others	5.22	2.90	0.88	10.74%	1.14
HT-IVA: Govt. Lift Irrigation Schemes	0.03	2.90	0.88	10.74%	0.00
HT-IVB: Agricultural	-	2.90	0.88	10.74%	-
HT-VI: Townships and Residential Colonies	1.49	2.90	0.88	10.74%	0.00
HT: Temporary	-	2.90	0.88	10.74%	-
HT Category at 132 kV					
HT-IA: Industrial General	2.15	2.90	0.29	5.00%	0.00
HT-1B: Ferro Alloy Units	-	2.90	0.29	5.00%	-
HT-II: Others	-	2.90	0.29	5.00%	-
HT-IVA: Govt. Lift Irrigation Schemes	-	2.90	0.29	5.00%	-
HT-IVB: Agricultural	-	2.90	0.29	5.00%	-
HT-V: Railway Traction	4.20	2.90	0.29	5.00%	0.86
HT-VI: Townships and Residential Colonies	-	2.90	0.29	5.00%	-
HT: Temporary	-	2.90	0.29	5.00%	-

APSPDCL-Cross Subsidy Surcharges approved by APERC for FY 2006-07

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)))+(4)
HT Category at 11 kV					
HT-IA: Industrial General	3.64	3.68	0.46	15.15%	0.00
HT-1B: Ferro Alloy Units	2.45	3.68	0.46	15.15%	0.00
HT-II: Others	4.07	3.68	0.46	15.15%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	-	3.68	0.46	15.15%	-
HT-IVB: Agricultural	0.19	3.68	0.46	15.15%	0.00
HT-VI: Townships and Residential Colonies	3.35	3.68	0.46	15.15%	0.00
HT: Temporary	-	3.68	0.46	15.15%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.02	3.68	0.34	9.75%	0.00
HT-1B: Ferro Alloy Units	-	3.68	0.34	9.75%	-
HT-II: Others	4.58	3.68	0.34	9.75%	0.19
HT-IVA: Govt. Lift Irrigation Schemes	-	3.68	0.34	9.75%	-
HT-IVB: Agricultural	0.08	3.68	0.34	9.75%	0.00
HT-VI: Townships and Residential Colonies	1.53	3.68	0.34	9.75%	0.00
HT: Temporary	-	3.68	0.34	9.75%	-
HT Category at 132 kV					
HT-IA: Industrial General	2.13	3.68	0.30	4.45%	0.00
HT-1B: Ferro Alloy Units	-	3.68	0.30	4.45%	-
HT-II: Others	-	3.68	0.30	4.45%	-
HT-IVA: Govt. Lift Irrigation Schemes	-	3.68	0.30	4.45%	-
HT-IVB: Agricultural	-	3.68	0.30	4.45%	-
HT-V: Railway Traction	4.03	3.68	0.30	4.45%	0.00
HT-VI: Townships and Residential Colonies	-	3.68	0.30	4.45%	-
HT: Temporary	-	3.68	0.30	4.45%	-

APSPDCL-Cross Subsidy Surcharges approved by APERC for FY 2007-08

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT Category at 11 kV					
HT-IA: Industrial General	3.64	4.56	0.46	14.74%	0.00
HT-1B: Ferro Alloy Units	2.38	4.56	0.46	14.74%	0.00
HT-II: Others	4.01	4.56	0.46	14.74%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	-	4.56	0.46	14.74%	-
HT-IVB: Agricultural	-	4.56	0.46	14.74%	-
HT-VI: Townships and Residential Colonies	3.31	4.56	0.46	14.74%	0.00
HT: Temporary	-	4.56	0.46	14.74%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.23	4.56	0.34	9.36%	0.00
HT-1B: Ferro Alloy Units	-	4.56	0.34	9.36%	-
HT-II: Others	4.40	4.56	0.34	9.36%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	-	4.56	0.34	9.36%	-
HT-IVB: Agricultural	-	4.56	0.34	9.36%	-
HT-VI: Townships and Residential Colonies	3.26	4.56	0.34	9.36%	0.00
HT: Temporary	-	4.56	0.34	9.36%	-
HT Category at 132 kV					
HT-IA: Industrial General	2.39	4.56	0.31	4.30%	0.00
HT-1B: Ferro Alloy Units	-	4.56	0.31	4.30%	-
HT-II: Others	-	4.56	0.31	4.30%	-
HT-IVA: Govt. Lift Irrigation Schemes	-	4.56	0.31	4.30%	-
HT-IVB: Agricultural	-	4.56	0.31	4.30%	-
HT-V: Railway Traction	3.94	4.56	0.31	4.30%	0.00
HT-VI: Townships and Residential Colonies	-	4.56	0.31	4.30%	-
HT: Temporary	-	4.56	0.31	4.30%	-

APSPDCL-Cross Subsidy Surcharges approved by APERC for FY 2008-09

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT Category at 11 kV					
HT-IA: Industrial General	3.66	4.86	0.48	14.50%	0.00
HT-1B: Ferro Alloy Units	-	4.86	0.48	14.50%	-
HT-II: Others	4.11	4.86	0.48	14.50%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	0.04	4.86	0.48	14.50%	0.00
HT-IVB: Agricultural	-	4.86	0.48	14.50%	-
HT-VI: Townships and Residential Colonies	3.81	4.86	0.48	14.50%	0.00
HT: Temporary	-	4.86	0.48	14.50%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.27	4.86	0.37	9.10%	0.00
HT-1B: Ferro Alloy Units	4.20	4.86	0.37	9.10%	0.00
HT-II: Others	4.21	4.86	0.37	9.10%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	-	4.86	0.37	9.10%	-
HT-IVB: Agricultural	-	4.86	0.37	9.10%	-
HT-VI: Townships and Residential Colonies	2.20	4.86	0.37	9.10%	0.00
HT: Temporary	-	4.86	0.37	9.10%	-
HT Category at 132 kV					
HT-IA: Industrial General	2.46	4.86	0.34	4.20%	0.00
HT-1B: Ferro Alloy Units	-	4.86	0.34	4.20%	-
HT-II: Others	-	4.86	0.34	4.20%	-
HT-IVA: Govt. Lift Irrigation Schemes	-	4.86	0.34	4.20%	-
HT-IVB: Agricultural	-	4.86	0.34	4.20%	-
HT-V: Railway Traction	3.86	4.86	0.34	4.20%	0.00
HT-VI: Townships and Residential Colonies	-	4.86	0.34	4.20%	-
HT: Temporary	-	4.86	0.34	4.20%	-

APSPDCL-Cross Subsidy Surcharges approved by APERC for FY 2009-10

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT Category at 11 kV					
HT-IA: Industrial General	3.75	3.94	0.62	15.72%	0.00
HT-1B: Ferro Alloy Units	2.40	3.94	0.62	15.72%	0.00
HT-II: Others	4.21	3.94	0.62	15.72%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	-	3.94	0.62	15.72%	-
HT-IVB: Agricultural	1.75	3.94	0.62	15.72%	0.00
HT-VI: Townships and Residential Colonies	4.03	3.94	0.62	15.72%	0.00
HT: Temporary	-	3.94	0.62	15.72%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.27	3.94	0.41	10.50%	0.00
HT-1B: Ferro Alloy Units	2.33	3.94	0.41	10.50%	0.00
HT-II: Others	4.64	3.94	0.41	10.50%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	0.00	3.94	0.41	10.50%	0.00
HT-IV B:Agricultural	1.89	3.94	0.41	10.50%	0.00
HT-VI: Townships and Residential Colonies	2.90	3.94	0.41	10.50%	0.00
HT: Temporary	-	3.94	0.41	10.50%	-
HT Category at 132 kV					
HT-IA: Industrial General	2.46	3.94	0.37	5.82%	0.00
HT-1B: Ferro Alloy Units	-	3.94	0.37	5.82%	-
HT-II: Others	7.99	3.94	0.37	5.82%	3.46
HT-IVA: Govt. Lift Irrigation Schemes	-	3.94	0.37	5.82%	-
HT-IVB:Agricultural	-	3.94	0.37	5.82%	-
HT-V:Railway Traction	3.90	3.94	0.37	5.82%	0.00
HT-VI: Townships and Residential Colonies	-	3.94	0.37	5.82%	-
HT: Temporary	-	3.94	0.37	5.82%	-

APSPDCL-Cross Subsidy Surcharges approved by APERC for FY 2010-11

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT Category at 11 kV					
HT-IA: Industrial General	4.19	5.07	0.66	14.30%	0.00
HT-1B: Ferro Alloy Units	2.42	5.07	0.66	14.30%	0.00
HT-II: Others	4.59	5.07	0.66	14.30%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	0.07	5.07	0.66	14.30%	0.00
HT-IVB: Agricultural	1.90	5.07	0.66	14.30%	0.00
HT-VI: Townships and Residential Colonies	3.76	5.07	0.66	14.30%	0.00
HT: Temporary	-	5.07	0.66	14.30%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.60	5.07	0.43	9.79%	0.00
HT-1B: Ferro Alloy Units	2.42	5.07	0.43	9.79%	0.00
HT-II: Others	5.09	5.07	0.43	9.79%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	0.10	5.07	0.43	9.79%	0.00
HT-IVB: Agricultural	2.14	5.07	0.43	9.79%	0.00
HT-VI: Townships and Residential Colonies	1.94	5.07	0.43	9.79%	0.00
HT: Temporary	-	5.07	0.43	9.79%	-
HT Category at 132 kV					
HT-IA: Industrial General	3.04	5.07	0.39	5.54%	0.00
HT-1B: Ferro Alloy Units	-	5.07	0.39	5.54%	-
HT-II: Others	-	5.07	0.39	5.54%	-
HT-IVA: Govt. Lift Irrigation Schemes	-	5.07	0.39	5.54%	-
HT-IVB: Agricultural	-	5.07	0.39	5.54%	-
HT-V: Railway Traction	4.18	5.07	0.39	5.54%	0.00
HT-VI: Townships and Residential Colonies	-	5.07	0.39	5.54%	-
HT: Temporary	-	5.07	0.39	5.54%	-

APSPDCL-Cross Subsidy Surcharges approved by APERC for FY 2011-12

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT Category at 11 kV					
HT-IA: Industrial General	4.77	4.48	0.76	13.28%	0.00
HT-1B: Ferro Alloy Units	-	4.48	0.76	13.28%	-
HT-II: Others	5.27	4.48	0.76	13.28%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	2.31	4.48	0.76	13.28%	0.00
HT-IVB: Agricultural	1.01	4.48	0.76	13.28%	0.00
HT-VI: Townships and Residential Colonies	5.59	4.48	0.76	13.28%	0.00
HT: Temporary	-	4.48	0.76	13.28%	-
HT Category at 33 kV					
HT-IA: Industrial General	3.93	4.48	0.53	9.20%	0.00
HT-1B: Ferro Alloy Units	2.67	4.48	0.53	9.20%	0.00
HT-II: Others	5.35	4.48	0.53	9.20%	0.00
HT-IVA: Govt. Lift Irrigation Schemes	2.60	4.48	0.53	9.20%	0.00
HT-IVB: Agricultural	1.14	4.48	0.53	9.20%	0.00
HT-VI: Townships and Residential Colonies	3.47	4.48	0.53	9.20%	0.00
HT: Temporary	-	4.48	0.53	9.20%	-
HT Category at 132 kV					
HT-IA: Industrial General	3.46	4.48	0.49	5.42%	0.00
HT-1B: Ferro Alloy Units	-	4.48	0.49	5.42%	-
HT-II: Others	-	4.48	0.49	5.42%	-
HT-IVA: Govt. Lift Irrigation Schemes	-	4.48	0.49	5.42%	-
HT-IVB: Agricultural	-	4.48	0.49	5.42%	-
HT-V: Railway Traction	4.57	4.48	0.49	5.42%	0.00
HT-VI: Townships and Residential Colonies	-	4.48	0.49	5.42%	-
HT: Temporary	-	4.48	0.49	5.42%	-

APSPDCL-Cross Subsidy Surcharges approved by APERC for FY 2012-13

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT Category at 11 kV					
HT-IA: Industrial General	5.50	6.98	0.77	12.87%	0.00
HT-1B: Ferro Alloy Units	-	6.98	0.77	12.87%	-
HT-II: Others	5.94	6.98	0.77	12.87%	0.00
HT-III: Public Infrastructure and Tourism	5.42	6.98	0.77	12.87%	0.00
HT-IVA: Lift Irrigation & Agriculture	3.20	6.98	0.77	12.87%	0.00
HT-IVB:CPWSS	1.98	6.98	0.77	12.87%	0.00
HT-VI: Townships and Residential Colonies	3.90	6.98	0.77	12.87%	0.00
HT: Temporary	6.55	6.98	0.77	12.87%	0.00
HT Category at 33 kV					
HT-IA: Industrial General	4.30	6.98	0.53	9.01%	0.00
HT-1B: Ferro Alloy Units	4.26	6.98	0.53	9.01%	0.00
HT-II: Others	6.07	6.98	0.53	9.01%	0.00
HT-III: Public Infrastructure and Tourism	-	6.98	0.53	9.01%	-
HT-IVA: Lift Irrigation & Agriculture	3.21	6.98	0.53	9.01%	0.00
HT-IVB:CPWSS	1.97	6.98	0.53	9.01%	0.00
HT-VI: Townships and Residential Colonies	2.31	6.98	0.53	9.01%	0.00
HT: Temporary	-	6.98	0.53	9.01%	-
HT Category at 132 kV					
HT-IA: Industrial General	3.41	6.98	0.49	5.21%	0.00
HT-1B: Ferro Alloy Units	3.67	6.98	0.49	5.21%	0.00
HT-II: Others	11.09	6.98	0.49	5.21%	3.25
HT-III: Public Infrastructure and Tourism	-	6.98	0.49	5.21%	-
HT-IVA: Lift Irrigation & Agriculture	-	6.98	0.49	5.21%	-
HT-IVB:CPWSS	-	6.98	0.49	5.21%	-
HT-V:Railway Traction	5.40	6.98	0.49	5.21%	0.00
HT-VI: Townships and Residential Colonies	-	6.98	0.49	5.21%	-
HT: Temporary	-	6.98	0.49	5.21%	-

APSPDCL-Cross Subsidy Surcharges approved by APERC for FY 2015-16

Category	Average Realization (Rs./unit) (Excluding NTI, Minimum Charges and Customer Charges)	Marginal power Purchase Cost of Top 5% Stations (Rs./unit)	Wheeling Charges (Rs./unit)	Applicable Loss	Cross Subsidy Surcharge (Rs./unit)
(1)	(2)	(3)	(4)	(5)	(6)=(2)-((3)*(1+(5)/100))+ (4))
HT Category at 11 kV					
HT-IA: Industrial General	7.91	5.67	1.21	11.78%	0.35
HT-1B: Ferro Alloy Units	-	5.67	1.21	11.78%	-
HT-II: Others	8.73	5.67	1.21	11.78%	1.17
HT-III: Public Infrastructure and Tourism	6.56	5.67	1.21	11.78%	0.00
HT-IVA: Lift Irrigation & Agriculture	5.67	5.67	1.21	11.78%	0.00
HT-IVB:CPWSS	4.75	5.67	1.21	11.78%	0.00
HT-VI: Townships and Residential Colonies	6.70	5.67	1.21	11.78%	0.00
HT: Temporary	-	5.67	1.21	11.78%	-
HT Category at 33 kV					
HT-IA: Industrial General	6.13	5.67	0.91	8.03%	0.00
HT-1B: Ferro Alloy Units	5.21	5.67	0.91	8.03%	0.00
HT-II: Others	8.54	5.67	0.91	8.03%	1.50
HT-III: Public Infrastructure and Tourism	7.85	5.67	0.91	8.03%	0.82
HT-IVA: Lift Irrigation & Agriculture	5.70	5.67	0.91	8.03%	0.00
HT-IVB:CPWSS	4.61	5.67	0.91	8.03%	0.00
HT-VI: Townships and Residential Colonies	6.42	5.67	0.91	8.03%	0.00
HT: Temporary	-	5.67	0.91	8.03%	-
HT Category at 132 kV					
HT-IA: Industrial General	5.38	5.67	0.89	4.20%	0.00
HT-1B: Ferro Alloy Units	4.80	5.67	0.89	4.20%	0.00
HT-II: Others	7.79	5.67	0.89	4.20%	0.99
HT-III: Public Infrastructure and Tourism	-	5.67	0.89	4.20%	-
HT-IVA: Lift Irrigation & Agriculture	5.64	5.67	0.89	4.20%	0.00
HT-IVB:CPWSS	-	5.67	0.89	4.20%	-
HT-V:Railway Traction	6.67	5.67	0.89	4.20%	0.00
HT-VI: Townships and Residential Colonies	-	5.67	0.89	4.20%	-
HT: Temporary	-	5.67	0.89	4.20%	-

Additional Surcharge

- 45.** The Licensees have not included the Additional Surcharge proposals in their proposals. Further, as per Clause 8.5.4 of National Tariff Policy 2006, *“The additional surcharge for obligation to supply as per section 42(4) of the Act should become applicable only if it is conclusively demonstrated that the obligation of a licensee, in terms of existing power purchase commitments, has been and continues to be stranded, or there is an unavoidable obligation and incidence to bear fixed costs consequent to such a contract. The fixed costs related to network assets would be recovered through wheeling charges.”* The Licensees have not demonstrated any such stranding in their proposals. Hence, the Commission fixes the Additional Surcharges as NIL for FY 2005-06 to FY 2012-13 and FY 2015-16.
- 46.** These orders are subject to the interim orders passed by the Hon’ble High Court in W.P.No.12630 of 2006 filed by M/s. Rain Calcining Limited and W.P.No.12554 of 2007 filed by M/s. Visakhapatnam Port Trust and any further or final orders that may be passed by the Hon’ble High Court therein. These orders are also subject to any order that may be passed by the Hon’ble Appellate Tribunal for Electricity or the Hon’ble High Court of Judicature at Hyderabad For the State of Telangana and the State of Andhra Pradesh or the Hon’ble Supreme Court in any matter pending before them or that may be brought before them concerning the subject matter of these orders.

This Order is signed on 19th day of November, 2016.

Sd/-
P. RAMA MOHAN
MEMBER

Sd/-
P. RAGHU
MEMBER

Sd/-
G.BHAVANI PRASAD
CHAIRMAN

ANNEXURE-I
PUBLIC NOTICE

BEFORE THE HONOURABLE
ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION
#11-4-660, 4th Floor, Singareni Bhavan, Red Hills, Hyderabad 500 004

PUBLIC NOTICE

**Re : In the matter of determination of Cross Subsidy Surcharge for FY2005-06
to FY2012-13 and for FY2015-16**

The erstwhile APERC for undivided Andhra Pradesh State has determined the Surcharge (Cross Subsidy Surcharge or CSS) and Additional Surcharge (AS) in its Orders passed in O.P. No.16 of 2005 dt. 21-09-2005 and O.P. No.13 of 2006 dt. 29-08-2006 for FY2005-06 and FY2006-07 respectively. The erstwhile APERC in its Order passed in O.P. No.5 of 2007 dt. 28-03-2007 has provisionally extended the applicability of the rates of CSS / AS already specified in its Order passed in O.P. No. 13 of 2006 dt. 29-08-2006 w.e.f 01-04-2007 onwards. In the determination of CSS for FY2005-06 and FY2006-07, the erstwhile APERC has followed the embedded cost method in which the ARR is allocated to different consumer classes as cost and per unit CS was calculated as the difference between per unit average revenue realization and embedded cost for different consumer categories.

2. Aggrieved with the method of determination of CSS by the erstwhile APERC, M/s. RVK Energy & others have challenged such determination for FY2005-06 and FY2006-07 before Hon'ble Appellate Tribunal for Electricity (APTEL). The APTEL in its order dt. 05-07-2007 passed in Appeal Nos. 169-172 of 2005 & 248-249 of 2006 allowed the appeals and directed the erstwhile APERC as follows:

44. In the circumstances, therefore, we direct the APERC to compute the cross subsidy surcharge, which consumers are required to pay for use of open access in accordance with the Surcharge Formula given in para 8.5 of the Tariff Policy, for the year 2006-07 and for subsequent years.

3. Further, the APTEL in its order dt. 05-07-2007 observed as follows:

45. In future all the Regulatory Commissions while fixing wheeling charges, cross subsidy surcharge and additional surcharge, if any, shall have regard to the spirit of the Act as manifested by its Preamble. The charges shall be reasonable as would result in promoting competition. They shall be worked out in the light of the above observations made by us. This direction shall also apply to the APERC for computing the cross subsidy surcharge for the year 2005-06 as well.

Contd. Page 2

4. The erstwhile APERC has carried the matter in appeal and filed Civil Appeal Nos. 4936-4941 of 2007 before the Hon'ble Supreme Court challenging the order of the APTEL. In its order passed on 05-05-2008, the Hon'ble Supreme Court stayed the order dt. 05-07-2007 of the ATE passed in appeal Nos. 169-172 of 2005, until further orders. Thereafter, the Hon'ble Supreme Court in its order dt. 04-12-2009, stated that the interim orders dt. 05-05-2008 shall remain operative till final disposal of the Civil Appeals. Ultimately, on 31-03-2016 the Hon'ble Supreme Court dismissed the CA Nos. 4936-4941 of 2007.

5. In the interregnum, the erstwhile APERC on 26-10-2012 finally determined CSS for FY2007-08 in O.P. No. 5 of 2007. On the same date i.e., on 26-10-2012 the erstwhile APERC also determined CSS for subsequent years as shown below:

O.P. No.	73 of 2012	74 of 2012	75 of 2012	76 of 2012	77 of 2012
Year	2008-09	2009-10	2010-11	2011-12	2012-13*

* AS has been determined by the erstwhile APERC for only FY2012-13.

6. In all these Orders, the erstwhile APERC has specified that the determination of the CSS and AS are subject to final judgment of the Hon'ble Supreme Court in Civil Appeal Nos. 4936-4941 of 2007.

7. Further, the erstwhile APERC in its Order passed in O.P. No. 54 of 2013 dt. 13-08-2013, determined the CSS and AS for FY2013-14 as "Nil". For FY2014-15, tariff for retail sale of electricity, CSS and AS were not determined. Thus, for 2 years viz., FY2013-14 and FY2014-15, CSS and AS are not determined.

8. Consequent to bifurcation of the State, the APERC constituted in terms of the Andhra Pradesh Reorganisation Act, 2014, in its order passed in O.P. No.8 of 2015 dt.15-04-2015, has determined CSS and AS for FY2015-16 following the embedded cost method as was done by the erstwhile APERC based on Retail Supply Tariff Order issued for FY2015-16 and further stated that such determination of CSS and AS for FY2015-16 is subject to final judgment of Hon'ble Supreme Court in Civil Appeal Nos. 4936-4941 of 2007.

Contd. Page 3

9. Several consumers have challenged the above mentioned order dt.15-04-2015 before the Hon'ble High Court of Judicature at Hyderabad, which granted interim stay of the demand to the extent of the difference between the proposal made by the distribution licensees and the tariff determined by APERC. However, on 27-04-2016, the Hon'ble High Court of Judicature at Hyderabad finally disposed all the writ petitions, set aside the order dt. 15-04-2015 of APERC passed in O.P. No. 8 of 2015 stating that Civil Appeals on the very same principle were dismissed by the Hon'ble Supreme Court on 31-03-2016 and remanded the matter to APERC for disposal in accordance with law.

10. In view of the above, APERC is required to determine CSS and AS afresh for FY2005-06 to FY2012-13 and for FY2015-16 as per the method specified in Tariff Policy in view of the direction of the Hon'ble APTEL as mentioned in paras 2 & 3 above. However, such determination afresh does not arise for FY2013-14 and FY2014-15, as CSS and AS are "Nil" for FY2013-14 and CSS and AS were not determined for FY2014-15 in the beginning itself.

11. TAKE NOTICE that APERC proposes to determine CSS and AS afresh following the Tariff Policy for financial years from FY2005-06 to FY2012-13 and FY2015-16 by issuing separate orders as mentioned below;

- i) CSS and AS for FY2005-06
- ii) CSS and AS for the period from FY2006-07 to FY2012-13
- iii) CSS and AS for FY2015-16

In compliance with the direction of the Hon'ble APTEL and Order of remand of the matter by the Hon'ble High Court of Judicature at Hyderabad.

12. ALSO TAKE NOTICE that APERC invites views / suggestions / objections of interested persons / stakeholders in respect of the above mentioned subject matters, which may be sent to the Commission Secretary / APERC on or before the date of public hearing on the subject matters, at the above mentioned address or through email commn-secy@aperc.gov.in.

13. TAKE FURTHER NOTICE that the matters relating to determination of CSS and AS for the above mentioned years, will be taken up for public hearing by the Commission on **25-06-2016 at 11.00 AM** in its Court Hall at Hyderabad and any interested person / organization desirous of being heard in person, may appear before it on the said date of hearing.

Place: Hyderabad
Date: 02-06-2016


COMMISSION SECRETARY_{1/c}

ANNEXURE-II

S.No	Name of the Objector	Represented during public hearings by
1	FTAPCCI(Federation of Telangana and Andhra Pradesh Chambers of Commerce and Industry)	Sri R. Shiva Kumar
2	A.P. Spinning Mills Association	-Do-
3	Sree Rayaseema Alkalies and Allied Chemicals Limited	Sri Alladi Ravinder/Advocate and Sri V. Bhaskar/Sr.Manager
4	Synergies Casting Limited	Sri Challa Gunaranjan and Sri T.Vizhay Babu(Advocates)
5	NCS Sugars Limited	-Do-
6	The Jeypore Sugar Company Limited	-Do-
7	Sagar Cements Limited	-Do-
8	Sree Papers Limited	-Do-
9	EID Parry(India) Limited	-Do-
10	Sri Sarvaraya Sugars Limited	-Do-
11	Madhucon Sugar & Power Industries Limited	-Do-
12	Sri Luxmi Tulasi Agro Paper(P) Limited	-Do-
13	RVK Energy Private Limited	Sri K. Gopal Choudary/Advocate
14	RPP Limited	-Do-
15	Sree Rayalaseema Green Energy Limited	-Do-
16	HCL Agro Power Limited	-Do-
17	Sudha Agro Oil and Chemical Industries Limited	-Do-
18	Espar Pak Limited	-Do-
19	Kusalava Power Private Limited	-Do-
20	Sagar Power Limited	-Do-
21	Shivani Power Spinners Limited	-Do-
22	Shree Jayalakshmi Powercorp Limited	-Do-
23	Akshay Profiles Private Limited	-Do-
24	Tirumala Cotton &Agro Products Private Limited	-Do-
25	Biomass Energy Developers Association	-Do-
26	SKJ Power Projects Limited	-Do-
27	Trident Power Systems Limited	-Do-
28	The Andhra Sugars Limited	-Do-
29	Jyoti Bio-Energy Limited	-Do-
30	IEX(Indian energy Exchange)	Sri Naga Aditya
31	Sri M. Venugopala Rao, Senior Journalist	Self
32	Dalmia Cement(Bharat) Limited	-
33	The Chodavaram Co-Operative Sugars Limited	-
34	Shri Girija Alloy & Power(I) Private Limited	-

ANNEXURE-III
FILINGS (APSPDCL)

Cross Subsidy Surcharge Refiling for FY 2005-06 to FY 2012-13 and FY 2015-16

Hon'ble Andhra Pradesh Electricity Regulatory Commission (APERC) released a public notice on 02.06.2016 for the re-computation of Cross Subsidy Surcharge (CSS) and Additional Surcharge (AS) for FY 2005-06 to FY 2015-16 as per the National Tariff Policy 2006 (NTP-2006). However, for FY 2013-14 and FY 2014-15, the Hon'ble APERC decided that no re-computation was required as the CSS and AS are "nil" for FY 2013-14 and CSS and AS were not determined for FY 2014-15 in the beginning itself. Subsequently, the Hon'ble APERC directed the DISCOMs to re-compute the CSS and AS for FY 2005-06, FY 2006-07 to FY 2012-13 and FY 2015-16 as per NTP-2006.

Accordingly, the licensee here has re-computed the CSS for FY 2005-06 to FY 2012-13 and FY 2015-16 using the methodology provided in the NTP.

As per section 8.5 of NTP-2006, Cross Subsidy Surcharge formula is as below:

$$S = T - [C / (1 - L/100) + D], \text{ where}$$

S is the surcharge

T is the tariff payable by the relevant category of consumers,

C is the weighted average cost of power purchase of top 5% at the margin excluding liquid fuel based generation and renewable power

D is the wheeling charge

L is the system Losses for the applicable voltage level, expressed as a percentage

In accordance with the above formula, the licensee has recomputed Sub-category-wise Cross Subsidy Surcharge based on the actual sales, revenues and power purchase (PP), as applicable, for FY 2005-06 to FY 2012-13 and FY 2015-16.

The major considerations for the computation of CSS are as follows:

1. Hydel stations have been excluded from the computation of the top 5% of the stations as per the PP cost because the PP Cost for Hydro stations includes only fixed costs (as no variable costs are involved in this case). Hence, even if procurement of power is avoided from such plants, there would not be any savings for the DISCOM as the fixed costs will still need to be paid. Thus, there won't be any realized savings from the inclusion of hydro power stations in the computation of CSS
2. A uniform load factor of 100% has been considered for the computation of wheeling charges
3. In these computations, the average power purchase cost has been considered as the NTP-2006 mandates the same. However, the DISCOMS would only save on the variable component of the power purchase cost as the fixed component has to be paid irrespective of the station's dispatch.

The computed CSS is as per the following tables:

FY 2005-06					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	3.81	2.63	0.66	16.19%	0.02
HT I (B)	2.71	2.63	0.66	16.19%	0.00
HT II	4.07	2.63	0.66	16.19%	0.28
HT III	4.15	2.63	0.66	16.19%	0.36
HT IV (A)	0.34	2.63	0.66	16.19%	0.00
HT IV (B)	2.67	2.63	0.66	16.19%	0.00
HT IV (C)	0.00	2.63	0.66	16.19%	0.00
HT VI	3.33	2.63	0.66	16.19%	0.00
Resco	0.00	2.63	0.66	16.19%	0.00
Temporary	0.00	2.63	0.66	16.19%	0.00
HT Category at 33 kV					
HT I (A)	2.95	2.63	0.66	10.74%	0.00
HT I (B)	0.00	2.63	0.66	10.74%	0.00
HT II	5.23	2.63	0.66	10.74%	1.63
HT III	0.00	2.63	0.66	10.74%	0.00
HT IV (A)	0.04	2.63	0.66	10.74%	0.00
HT IV (B)	1.79	2.63	0.66	10.74%	0.00
HT IV (C)	0.00	2.63	0.66	10.74%	0.00
HT VI	1.68	2.63	0.66	10.74%	0.00
Resco	0.00	2.63	0.66	10.74%	0.00
Temporary	0.00	2.63	0.66	10.74%	0.00
HT Category at 132 kV					
HT I (A)	2.22	2.63	0.10	5.00%	0.00
HT I (B)	0.00	2.63	0.10	5.00%	0.00
HT II	0.00	2.63	0.10	5.00%	0.00
HT III	0.00	2.63	0.10	5.00%	0.00
HT IV (A)	0.00	2.63	0.10	5.00%	0.00
HT IV (B)	0.00	2.63	0.10	5.00%	0.00
HT IV (C)	0.00	2.63	0.10	5.00%	0.00
HT V	4.20	2.63	0.10	5.00%	1.34
HT VI	0.00	2.63	0.10	5.00%	0.00
Resco	0.00	2.63	0.10	5.00%	0.00
Temporary	0.00	2.63	0.10	5.00%	0.00

FY 2006-07					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	3.75	3.10	0.21	15.15%	0.00
HT I (B)	2.45	3.10	0.21	15.15%	0.00
HT II	4.23	3.10	0.21	15.15%	0.37
HT III	4.18	3.10	0.21	15.15%	0.32
HT IV (A)	1.55	3.10	0.21	15.15%	0.00
HT IV (B)	1.88	3.10	0.21	15.15%	0.00
HT IV (C)	0.00	3.10	0.21	15.15%	0.00
HT VI	3.36	3.10	0.21	15.15%	0.00
Resco	0.00	3.10	0.21	15.15%	0.00
Temporary	0.00	3.10	0.21	15.15%	0.00
HT Category at 33 kV					
HT I (A)	3.04	3.10	0.09	9.75%	0.00
HT I (B)	0.00	3.10	0.09	9.75%	0.00
HT II	4.58	3.10	0.09	9.75%	1.06
HT III	0.00	3.10	0.09	9.75%	0.00
HT IV (A)	1.72	3.10	0.09	9.75%	0.00
HT IV (B)	2.26	3.10	0.09	9.75%	0.00
HT IV (C)	0.00	3.10	0.09	9.75%	0.00
HT VI	1.72	3.10	0.09	9.75%	0.00
Resco	0.00	3.10	0.09	9.75%	0.00
Temporary	0.00	3.10	0.09	9.75%	0.00
HT Category at 132 kV					
HT I (A)	2.19	3.10	0.06	4.45%	0.00
HT I (B)	0.00	3.10	0.06	4.45%	0.00
HT II	0.00	3.10	0.06	4.45%	0.00
HT III	0.00	3.10	0.06	4.45%	0.00
HT IV (A)	0.00	3.10	0.06	4.45%	0.00
HT IV (B)	0.00	3.10	0.06	4.45%	0.00
HT IV (C)	0.00	3.10	0.06	4.45%	0.00
HT V	4.03	3.10	0.06	4.45%	0.73
HT VI	0.00	3.10	0.06	4.45%	0.00
Resco	0.00	3.10	0.06	4.45%	0.00
Temporary	0.00	3.10	0.06	4.45%	0.00

FY 2007-08					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	3.74	3.41	0.21	14.74%	0.00
HT I (B)	2.39	3.41	0.21	14.74%	0.00
HT II	4.16	3.41	0.21	14.74%	0.00
HT III	4.14	3.41	0.21	14.74%	0.00
HT IV (A)	1.68	3.41	0.21	14.74%	0.00
HT IV (B)	2.20	3.41	0.21	14.74%	0.00
HT IV (C)	0.00	3.41	0.21	14.74%	0.00
HT VI	3.32	3.41	0.21	14.74%	0.00
Resco	0.00	3.41	0.21	14.74%	0.00
Temporary	0.00	3.41	0.21	14.74%	0.00
HT Category at 33 kV					
HT I (A)	3.25	3.41	0.10	9.36%	0.00
HT I (B)	0.00	3.41	0.10	9.36%	0.00
HT II	4.40	3.41	0.10	9.36%	0.55
HT III	0.00	3.41	0.10	9.36%	0.00
HT IV (A)	2.19	3.41	0.10	9.36%	0.00
HT IV (B)	2.30	3.41	0.10	9.36%	0.00
HT IV (C)	0.00	3.41	0.10	9.36%	0.00
HT VI	3.29	3.41	0.10	9.36%	0.00
Resco	0.00	3.41	0.10	9.36%	0.00
Temporary	0.00	3.41	0.10	9.36%	0.00
HT Category at 132 kV					
HT I (A)	2.42	3.41	0.06	4.30%	0.00
HT I (B)	0.00	3.41	0.06	4.30%	0.00
HT II	0.00	3.41	0.06	4.30%	0.00
HT III	0.00	3.41	0.06	4.30%	0.00
HT IV (A)	0.00	3.41	0.06	4.30%	0.00
HT IV (B)	0.00	3.41	0.06	4.30%	0.00
HT IV (C)	0.00	3.41	0.06	4.30%	0.00
HT V	3.94	3.41	0.06	4.30%	0.32
HT VI	0.00	3.41	0.06	4.30%	0.00
Resco	0.00	3.41	0.06	4.30%	0.00
Temporary	0.00	3.41	0.06	4.30%	0.00

FY 2008-09					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	3.78	4.79	0.20	14.50%	0.00
HT I (B)	0.00	4.79	0.20	14.50%	0.00
HT II	4.26	4.79	0.20	14.50%	0.00
HT III	4.22	4.79	0.20	14.50%	0.00
HT IV (A)	1.64	4.79	0.20	14.50%	0.00
HT IV (B)	2.03	4.79	0.20	14.50%	0.00
HT IV (C)	0.00	4.79	0.20	14.50%	0.00
HT VI	3.82	4.79	0.20	14.50%	0.00
Resco	3.26	4.79	0.20	14.50%	0.00
Temporary	0.00	4.79	0.20	14.50%	0.00
HT Category at 33 kV					
HT I (A)	3.32	4.79	0.09	9.10%	0.00
HT I (B)	4.39	4.79	0.09	9.10%	0.00
HT II	4.46	4.79	0.09	9.10%	0.00
HT III	0.00	4.79	0.09	9.10%	0.00
HT IV (A)	2.30	4.79	0.09	9.10%	0.00
HT IV (B)	2.11	4.79	0.09	9.10%	0.00
HT IV (C)	0.00	4.79	0.09	9.10%	0.00
HT VI	2.37	4.79	0.09	9.10%	0.00
Resco	0.00	4.79	0.09	9.10%	0.00
Temporary	0.00	4.79	0.09	9.10%	0.00
HT Category at 132 kV					
HT I (A)	2.50	4.79	0.05	4.20%	0.00
HT I (B)	0.00	4.79	0.05	4.20%	0.00
HT II	0.00	4.79	0.05	4.20%	0.00
HT III	0.00	4.79	0.05	4.20%	0.00
HT IV (A)	0.00	4.79	0.05	4.20%	0.00
HT IV (B)	0.00	4.79	0.05	4.20%	0.00
HT IV (C)	0.00	4.79	0.05	4.20%	0.00
HT V	3.86	4.79	0.05	4.20%	0.00
HT VI	0.00	4.79	0.05	4.20%	0.00
Resco	0.00	4.79	0.05	4.20%	0.00
Temporary	0.00	4.79	0.05	4.20%	0.00

FY 2009-10					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	3.89	3.78	0.30	15.72%	0.00
HT I (B)	2.40	3.78	0.30	15.72%	0.00
HT II	4.40	3.78	0.30	15.72%	0.00
HT III	4.34	3.78	0.30	15.72%	0.00
HT IV (A)	1.91	3.78	0.30	15.72%	0.00
HT IV (B)	2.14	3.78	0.30	15.72%	0.00
HT IV (C)	0.00	3.78	0.30	15.72%	0.00
HT VI	4.04	3.78	0.30	15.72%	0.00
Resco	0.00	3.78	0.30	15.72%	0.00
Temporary	0.00	3.78	0.30	15.72%	0.00
HT Category at 33 kV					
HT I (A)	3.31	3.78	0.10	10.50%	0.00
HT I (B)	2.33	3.78	0.10	10.50%	0.00
HT II	4.65	3.78	0.10	10.50%	0.32
HT III	0.00	3.78	0.10	10.50%	0.00
HT IV (A)	2.28	3.78	0.10	10.50%	0.00
HT IV (B)	2.10	3.78	0.10	10.50%	0.00
HT IV (C)	0.00	3.78	0.10	10.50%	0.00
HT VI	3.07	3.78	0.10	10.50%	0.00
Resco	0.00	3.78	0.10	10.50%	0.00
Temporary	0.00	3.78	0.10	10.50%	0.00
HT Category at 132 kV					
HT I (A)	2.51	3.78	0.07	5.82%	0.00
HT I (B)	0.00	3.78	0.07	5.82%	0.00
HT II	8.00	3.78	0.07	5.82%	3.91
HT III	0.00	3.78	0.07	5.82%	0.00
HT IV (A)	0.00	3.78	0.07	5.82%	0.00
HT IV (B)	0.00	3.78	0.07	5.82%	0.00
HT IV (C)	0.00	3.78	0.07	5.82%	0.00
HT V	3.90	3.78	0.07	5.82%	0.00
HT VI	0.00	3.78	0.07	5.82%	0.00
Resco	0.00	3.78	0.07	5.82%	0.00
Temporary	0.00	3.78	0.07	5.82%	0.00

FY 2010-11					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	4.38	4.40	0.32	14.30%	0.00
HT I (B)	2.42	4.40	0.32	14.30%	0.00
HT II	4.89	4.40	0.32	14.30%	0.00
HT III	4.59	4.40	0.32	14.30%	0.00
HT IV (A)	1.87	4.40	0.32	14.30%	0.00
HT IV (B)	2.03	4.40	0.32	14.30%	0.00
HT IV (C)	0.00	4.40	0.32	14.30%	0.00
HT VI	3.79	4.40	0.32	14.30%	0.00
Resco	0.00	4.40	0.32	14.30%	0.00
Temporary	0.00	4.40	0.32	14.30%	0.00
HT Category at 33 kV					
HT I (A)	3.62	4.40	0.11	9.79%	0.00
HT I (B)	2.42	4.40	0.11	9.79%	0.00
HT II	5.18	4.40	0.11	9.79%	0.19
HT III	0.00	4.40	0.11	9.79%	0.00
HT IV (A)	2.29	4.40	0.11	9.79%	0.00
HT IV (B)	2.14	4.40	0.11	9.79%	0.00
HT IV (C)	0.00	4.40	0.11	9.79%	0.00
HT VI	2.24	4.40	0.11	9.79%	0.00
Resco	0.00	4.40	0.11	9.79%	0.00
Temporary	0.00	4.40	0.11	9.79%	0.00
HT Category at 132 kV					
HT I (A)	3.15	4.40	0.07	5.54%	0.00
HT I (B)	0.00	4.40	0.07	5.54%	0.00
HT II	0.00	4.40	0.07	5.54%	0.00
HT III	0.00	4.40	0.07	5.54%	0.00
HT IV (A)	0.00	4.40	0.07	5.54%	0.00
HT IV (B)	0.00	4.40	0.07	5.54%	0.00
HT IV (C)	0.00	4.40	0.07	5.54%	0.00
HT V	4.19	4.40	0.07	5.54%	0.00
HT VI	0.00	4.40	0.07	5.54%	0.00
Resco	0.00	4.40	0.07	5.54%	0.00
Temporary	0.00	4.40	0.07	5.54%	0.00

FY 2011-12					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	4.79	4.48	0.34	13.28%	0.00
HT I (B)	0.00	4.48	0.34	13.28%	0.00
HT II	5.36	4.48	0.34	13.28%	0.00
HT III	5.24	4.48	0.34	13.28%	0.00
HT IV (A)	2.38	4.48	0.34	13.28%	0.00
HT IV (B)	1.04	4.48	0.34	13.28%	0.00
HT IV (C)	0.00	4.48	0.34	13.28%	0.00
HT VI	5.60	4.48	0.34	13.28%	0.09
Resco	1.64	4.48	0.34	13.28%	0.00
Temporary	0.00	4.48	0.34	13.28%	0.00
HT Category at 33 kV					
HT I (A)	3.94	4.48	0.13	9.20%	0.00
HT I (B)	2.67	4.48	0.13	9.20%	0.00
HT II	5.35	4.48	0.13	9.20%	0.30
HT III	0.00	4.48	0.13	9.20%	0.00
HT IV (A)	2.61	4.48	0.13	9.20%	0.00
HT IV (B)	1.20	4.48	0.13	9.20%	0.00
HT IV (C)	0.00	4.48	0.13	9.20%	0.00
HT VI	3.50	4.48	0.13	9.20%	0.00
Resco	0.00	4.48	0.13	9.20%	0.00
Temporary	0.00	4.48	0.13	9.20%	0.00
HT Category at 132 kV					
HT I (A)	3.47	4.48	0.09	5.42%	0.00
HT I (B)	0.00	4.48	0.09	5.42%	0.00
HT II	0.00	4.48	0.09	5.42%	0.00
HT III	0.00	4.48	0.09	5.42%	0.00
HT IV (A)	0.00	4.48	0.09	5.42%	0.00
HT IV (B)	0.00	4.48	0.09	5.42%	0.00
HT IV (C)	0.00	4.48	0.09	5.42%	0.00
HT V	4.57	4.48	0.09	5.42%	0.00
HT VI	0.00	4.48	0.09	5.42%	0.00
Resco	0.00	4.48	0.09	5.42%	0.00
Temporary	0.00	4.48	0.09	5.42%	0.00

FY 2012-13					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	6.72	5.29	0.36	12.87%	0.30
HT I (B)	0.00	5.29	0.36	12.87%	0.00
HT II	6.84	5.29	0.36	12.87%	0.42
HT III	6.81	5.29	0.36	12.87%	0.38
HT IV (A)	3.34	5.29	0.36	12.87%	0.00
HT IV (B)	2.01	5.29	0.36	12.87%	0.00
HT IV (C)	0.00	5.29	0.36	12.87%	0.00
HT VI	5.59	5.29	0.36	12.87%	0.00
Resco	0.39	5.29	0.36	12.87%	0.00
Temporary	6.57	5.29	0.36	12.87%	0.14
HT Category at 33 kV					
HT I (A)	4.63	5.29	0.13	9.01%	0.00
HT I (B)	4.26	5.29	0.13	9.01%	0.00
HT II	6.57	5.29	0.13	9.01%	0.63
HT III	0.00	5.29	0.13	9.01%	0.00
HT IV (A)	3.22	5.29	0.13	9.01%	0.00
HT IV (B)	1.99	5.29	0.13	9.01%	0.00
HT IV (C)	0.00	5.29	0.13	9.01%	0.00
HT VI	2.91	5.29	0.13	9.01%	0.00
Resco	0.00	5.29	0.13	9.01%	0.00
Temporary	0.00	5.29	0.13	9.01%	0.00
HT Category at 132 kV					
HT I (A)	4.04	5.29	0.09	5.21%	0.00
HT I (B)	3.67	5.29	0.09	5.21%	0.00
HT II	11.10	5.29	0.09	5.21%	5.43
HT III	0.00	5.29	0.09	5.21%	0.00
HT IV (A)	0.00	5.29	0.09	5.21%	0.00
HT IV (B)	0.00	5.29	0.09	5.21%	0.00
HT IV (C)	0.00	5.29	0.09	5.21%	0.00
HT V	5.40	5.29	0.09	5.21%	0.00
HT VI	0.00	5.29	0.09	5.21%	0.00
Resco	0.00	5.29	0.09	5.21%	0.00
Temporary	0.00	5.29	0.09	5.21%	0.00

FY 2015-16					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	7.94	6.26	0.42	11.78%	0.42
HT I (B)	0.00	6.26	0.42	11.78%	0.00
HT II	8.76	6.26	0.42	11.78%	1.25
HT III	6.58	6.26	0.42	11.78%	0.00
HT IV (A)	5.81	6.26	0.42	11.78%	0.00
HT IV (B)	4.77	6.26	0.42	11.78%	0.00
HT IV (C)	0.00	6.26	0.42	11.78%	0.00
HT VI	6.71	6.26	0.42	11.78%	0.00
Resco	0.21	6.26	0.42	11.78%	0.00
Temporary	0.00	6.26	0.42	11.78%	0.00
HT Category at 33 kV					
HT I (A)	6.13	6.26	0.13	8.03%	0.00
HT I (B)	5.21	6.26	0.13	8.03%	0.00
HT II	8.55	6.26	0.13	8.03%	1.62
HT III	7.86	6.26	0.13	8.03%	0.93
HT IV (A)	5.71	6.26	0.13	8.03%	0.00
HT IV (B)	4.61	6.26	0.13	8.03%	0.00
HT IV (C)	0.00	6.26	0.13	8.03%	0.00
HT VI	6.45	6.26	0.13	8.03%	0.00
Resco	0.00	6.26	0.13	8.03%	0.00
Temporary	0.00	6.26	0.13	8.03%	0.00
HT Category at 132 kV					
HT I (A)	5.38	6.26	0.11	4.20%	0.00
HT I (B)	4.80	6.26	0.11	4.20%	0.00
HT II	7.79	6.26	0.11	4.20%	1.15
HT III	0.00	6.26	0.11	4.20%	0.00
HT IV (A)	5.64	6.26	0.11	4.20%	0.00
HT IV (B)	0.00	6.26	0.11	4.20%	0.00
HT IV (C)	0.00	6.26	0.11	4.20%	0.00
HT V	6.67	6.26	0.11	4.20%	0.03
HT VI	0.00	6.26	0.11	4.20%	0.00
Resco	0.00	6.26	0.11	4.20%	0.00
Temporary	0.00	6.26	0.11	4.20%	0.00

FILINGS (APEPDCL)

Cross Subsidy Surcharge Refiling for FY 2005-06 to FY 2012-13 and FY 2015-16

Hon'ble Andhra Pradesh Electricity Regulatory Commission (APERC) released a public notice on 02.06.2016 for the re-computation of Cross Subsidy Surcharge (CSS) and Additional Surcharge (AS) for FY 2005-06 to FY 2015-16 as per the National Tariff Policy 2006 (NTP-2006). However, for FY 2013-14 and FY 2014-15, the Hon'ble APERC decided that no re-computation was required as the CSS and AS are "nil" for FY 2013-14 and CSS and AS were not determined for FY 2014-15 in the beginning itself. Subsequently, the Hon'ble APERC directed the DISCOMs to re-compute the CSS and AS for FY 2005-06, FY 2006-07 to FY 2012-13 and FY 2015-16 as per NTP-2006.

Accordingly, the licensee here has re-computed the CSS for FY 2005-06 to FY 2012-13 and FY 2015-16 using the methodology provided in the NTP.

As per section 8.5 of NTP-2006, Cross Subsidy Surcharge formula is as below:

$$S = T - [C(1+L/100) + D], \text{ where}$$

S is the surcharge

T is the tariff payable by the relevant category of consumers,

C is the weighted average cost of power purchase of top 5% at the margin excluding liquid fuel based generation and renewable power

D is the wheeling charge

L is the system Losses for the applicable voltage level, expressed as a percentage

In accordance with the above formula, the licensee has recomputed Sub-category-wise Cross Subsidy Surcharge based on the actual sales, revenues and power purchase (PP), as applicable, for FY 2005-06 to FY 2012-13 and FY 2015-16.

The major considerations for the computation of CSS are as follows:

1. A uniform load factor of 100% has been considered for the computation of wheeling charges
2. In these computations, the average power purchase cost has been considered as the NTP-2006 mandates the same. However, the DISCOMS would only save on the variable component of the power purchase cost as the fixed component has to be paid irrespective of the station's dispatch.

The computed CSS is as per the following tables:

FY 2005-06					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	4.22	2.69	0.79	12.48%	0.41
HT I (B)	-	2.69	0.79	12.48%	-
HT II	5.60	2.69	0.79	12.48%	1.79
HT III	-	2.69	0.79	12.48%	-
HT IV (A)	2.39	2.69	0.79	12.48%	-
HT IV (B)	-	2.69	0.79	12.48%	-
HT IV (C)	-	2.69	0.79	12.48%	-
HT VI	3.50	2.69	0.79	12.48%	-
Resco	0.85	2.69	0.79	12.48%	-
Temporary	-	2.69	0.79	12.48%	-
HT Category at 33 kV					
HT I (A)	3.85	2.69	0.78	8.44%	0.16
HT I (B)	2.87	2.69	0.78	8.44%	-
HT II	5.23	2.69	0.78	8.44%	1.54
HT III	-	2.69	0.78	8.44%	-
HT IV (A)	2.38	2.69	0.78	8.44%	-
HT IV (B)	-	2.69	0.78	8.44%	-
HT IV (C)	-	2.69	0.78	8.44%	-
HT VI	3.50	2.69	0.78	8.44%	-
Resco	-	2.69	0.78	8.44%	-
Temporary	-	2.69	0.78	8.44%	-
HT Category at 132 kV					
HT I (A)	4.16	2.69	0.30	5.00%	1.04
HT I (B)	2.87	2.69	0.30	5.00%	-
HT II	5.71	2.69	0.30	5.00%	2.59
HT III	-	2.69	0.30	5.00%	-
HT IV (A)	-	2.69	0.30	5.00%	-
HT IV (B)	-	2.69	0.30	5.00%	-
HT IV (C)	-	2.69	0.30	5.00%	-
HT V	4.40	2.69	0.30	5.00%	1.28
HT VI	-	2.69	0.30	5.00%	-
Resco	-	2.69	0.30	5.00%	-
Temporary	-	2.69	0.30	5.00%	-

FY 2006-07					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	3.97	3.12	0.33	11.89%	0.15
HT I (B)	-	3.12	0.33	11.89%	-
HT II	5.33	3.12	0.33	11.89%	1.51
HT III	-	3.12	0.33	11.89%	-
HT IV (A)	2.40	3.12	0.33	11.89%	-
HT IV (B)	1.27	3.12	0.33	11.89%	-
HT IV (C)	-	3.12	0.33	11.89%	-
HT VI	3.51	3.12	0.33	11.89%	-
Resco	-	3.12	0.33	11.89%	-
Temporary	-	3.12	0.33	11.89%	-
HT Category at 33 kV					
HT I (A)	3.68	3.12	0.26	7.85%	0.05
HT I (B)	2.56	3.12	0.26	7.85%	-
HT II	5.28	3.12	0.26	7.85%	1.65
HT III	-	3.12	0.26	7.85%	-
HT IV (A)	2.37	3.12	0.26	7.85%	-
HT IV (B)	-	3.12	0.26	7.85%	-
HT IV (C)	-	3.12	0.26	7.85%	-
HT VI	3.51	3.12	0.26	7.85%	-
Resco	-	3.12	0.26	7.85%	-
Temporary	-	3.12	0.26	7.85%	-
HT Category at 132 kV					
HT I (A)	3.71	3.12	0.24	4.45%	0.21
HT I (B)	2.56	3.12	0.24	4.45%	-
HT II	6.13	3.12	0.24	4.45%	2.63
HT III	-	3.12	0.24	4.45%	-
HT IV (A)	-	3.12	0.24	4.45%	-
HT IV (B)	-	3.12	0.24	4.45%	-
HT IV (C)	-	3.12	0.24	4.45%	-
HT V	4.21	3.12	0.24	4.45%	0.71
HT VI	-	3.12	0.24	4.45%	-
Resco	-	3.12	0.24	4.45%	-
Temporary	-	3.12	0.24	4.45%	-

FY 2007-08					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	4.06	3.41	0.14	11.69%	0.10
HT I (B)	-	3.41	0.14	11.69%	-
HT II	5.42	3.41	0.14	11.69%	1.46
HT III	-	3.41	0.14	11.69%	-
HT IV (A)	2.19	3.41	0.14	11.69%	-
HT IV (B)	3.60	3.41	0.14	11.69%	-
HT IV (C)	-	3.41	0.14	11.69%	-
HT VI	3.54	3.41	0.14	11.69%	-
Resco	0.66	3.41	0.14	11.69%	-
Temporary	-	3.41	0.14	11.69%	-
HT Category at 33 kV					
HT I (A)	3.89	3.41	0.08	7.72%	0.13
HT I (B)	2.55	3.41	0.08	7.72%	-
HT II	4.78	3.41	0.08	7.72%	1.02
HT III	-	3.41	0.08	7.72%	-
HT IV (A)	2.39	3.41	0.08	7.72%	-
HT IV (B)	-	3.41	0.08	7.72%	-
HT IV (C)	-	3.41	0.08	7.72%	-
HT VI	3.50	3.41	0.08	7.72%	-
Resco	-	3.41	0.08	7.72%	-
Temporary	-	3.41	0.08	7.72%	-
HT Category at 132 kV					
HT I (A)	3.68	3.41	0.06	4.30%	0.06
HT I (B)	2.55	3.41	0.06	4.30%	-
HT II	5.63	3.41	0.06	4.30%	2.01
HT III	-	3.41	0.06	4.30%	-
HT IV (A)	-	3.41	0.06	4.30%	-
HT IV (B)	-	3.41	0.06	4.30%	-
HT IV (C)	-	3.41	0.06	4.30%	-
HT V	4.10	3.41	0.06	4.30%	0.48
HT VI	-	3.41	0.06	4.30%	-
Resco	-	3.41	0.06	4.30%	-
Temporary	-	3.41	0.06	4.30%	-

FY 2008-09					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	4.04	4.78	0.13	11.93%	-
HT I (B)	-	4.78	0.13	11.93%	-
HT II	5.38	4.78	0.13	11.93%	-
HT III	-	4.78	0.13	11.93%	-
HT IV (A)	2.40	4.78	0.13	11.93%	-
HT IV (B)	3.34	4.78	0.13	11.93%	-
HT IV (C)	-	4.78	0.13	11.93%	-
HT VI	4.06	4.78	0.13	11.93%	-
Resco	0.66	4.78	0.13	11.93%	-
Temporary	-	4.78	0.13	11.93%	-
HT Category at 33 kV					
HT I (A)	3.72	4.78	0.07	7.77%	-
HT I (B)	2.45	4.78	0.07	7.77%	-
HT II	4.73	4.78	0.07	7.77%	-
HT III	-	4.78	0.07	7.77%	-
HT IV (A)	2.43	4.78	0.07	7.77%	-
HT IV (B)	-	4.78	0.07	7.77%	-
HT IV (C)	-	4.78	0.07	7.77%	-
HT VI	3.99	4.78	0.07	7.77%	-
Resco	-	4.78	0.07	7.77%	-
Temporary	-	4.78	0.07	7.77%	-
HT Category at 132 kV					
HT I (A)	3.53	4.78	0.05	4.20%	-
HT I (B)	2.45	4.78	0.05	4.20%	-
HT II	5.21	4.78	0.05	4.20%	0.17
HT III	-	4.78	0.05	4.20%	-
HT IV (A)	-	4.78	0.05	4.20%	-
HT IV (B)	-	4.78	0.05	4.20%	-
HT IV (C)	-	4.78	0.05	4.20%	-
HT V	4.00	4.78	0.05	4.20%	-
HT VI	-	4.78	0.05	4.20%	-
Resco	-	4.78	0.05	4.20%	-
Temporary	-	4.78	0.05	4.20%	-

FY 2009-10					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	3.92	3.77	0.65	12.84%	-
HT I (B)	-	3.77	0.65	12.84%	-
HT II	5.40	3.77	0.65	12.84%	0.49
HT III	-	3.77	0.65	12.84%	-
HT IV (A)	2.42	3.77	0.65	12.84%	-
HT IV (B)	2.55	3.77	0.65	12.84%	-
HT IV (C)	-	3.77	0.65	12.84%	-
HT VI	4.08	3.77	0.65	12.84%	-
Resco	0.64	3.77	0.65	12.84%	-
Temporary	-	3.77	0.65	12.84%	-
HT Category at 33 kV					
HT I (A)	3.77	3.77	0.42	9.02%	-
HT I (B)	2.36	3.77	0.42	9.02%	-
HT II	4.77	3.77	0.42	9.02%	0.25
HT III	-	3.77	0.42	9.02%	-
HT IV (A)	2.36	3.77	0.42	9.02%	-
HT IV (B)	-	3.77	0.42	9.02%	-
HT IV (C)	-	3.77	0.42	9.02%	-
HT VI	4.00	3.77	0.42	9.02%	-
Resco	-	3.77	0.42	9.02%	-
Temporary	-	3.77	0.42	9.02%	-
HT Category at 132 kV					
HT I (A)	3.39	3.77	0.39	5.86%	-
HT I (B)	2.34	3.77	0.39	5.86%	-
HT II	4.96	3.77	0.39	5.86%	0.58
HT III	-	3.77	0.39	5.86%	-
HT IV (A)	-	3.77	0.39	5.86%	-
HT IV (B)	-	3.77	0.39	5.86%	-
HT IV (C)	-	3.77	0.39	5.86%	-
HT V	3.87	3.77	0.39	5.86%	-
HT VI	-	3.77	0.39	5.86%	-
Resco	-	3.77	0.39	5.86%	-
Temporary	-	3.77	0.39	5.86%	-

FY 2010-11					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	4.31	4.39	0.66	11.33%	-
HT I (B)	-	4.39	0.66	11.33%	-
HT II	5.88	4.39	0.66	11.33%	0.34
HT III	-	4.39	0.66	11.33%	-
HT IV (A)	2.64	4.39	0.66	11.33%	-
HT IV (B)	1.94	4.39	0.66	11.33%	-
HT IV (C)	-	4.39	0.66	11.33%	-
HT VI	4.08	4.39	0.66	11.33%	-
Resco	0.68	4.39	0.66	11.33%	-
Temporary	-	4.39	0.66	11.33%	-
HT Category at 33 kV					
HT I (A)	3.90	4.39	0.42	8.19%	-
HT I (B)	2.54	4.39	0.42	8.19%	-
HT II	5.17	4.39	0.42	8.19%	0.00
HT III	-	4.39	0.42	8.19%	-
HT IV (A)	2.58	4.39	0.42	8.19%	-
HT IV (B)	-	4.39	0.42	8.19%	-
HT IV (C)	-	4.39	0.42	8.19%	-
HT VI	4.00	4.39	0.42	8.19%	-
Resco	-	4.39	0.42	8.19%	-
Temporary	-	4.39	0.42	8.19%	-
HT Category at 132 kV					
HT I (A)	3.67	4.39	0.39	5.59%	-
HT I (B)	2.56	4.39	0.39	5.59%	-
HT II	4.86	4.39	0.39	5.59%	-
HT III	-	4.39	0.39	5.59%	-
HT IV (A)	-	4.39	0.39	5.59%	-
HT IV (B)	-	4.39	0.39	5.59%	-
HT IV (C)	-	4.39	0.39	5.59%	-
HT V	4.30	4.39	0.39	5.59%	-
HT VI	-	4.39	0.39	5.59%	-
Resco	-	4.39	0.39	5.59%	-
Temporary	-	4.39	0.39	5.59%	-

FY 2011-12					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	4.45	4.49	0.80	12.67%	-
HT I (B)	-	4.49	0.80	12.67%	-
HT II	6.16	4.49	0.80	12.67%	0.31
HT III	-	4.49	0.80	12.67%	-
HT IV (A)	2.67	4.49	0.80	12.67%	-
HT IV (B)	1.49	4.49	0.80	12.67%	-
HT IV (C)	-	4.49	0.80	12.67%	-
HT VI	5.43	4.49	0.80	12.67%	-
Resco	0.77	4.49	0.80	12.67%	-
Temporary	-	4.49	0.80	12.67%	-
HT Category at 33 kV					
HT I (A)	3.96	4.49	0.55	7.93%	-
HT I (B)	2.65	4.49	0.55	7.93%	-
HT II	5.34	4.49	0.55	7.93%	-
HT III	-	4.49	0.55	7.93%	-
HT IV (A)	2.60	4.49	0.55	7.93%	-
HT IV (B)	-	4.49	0.55	7.93%	-
HT IV (C)	-	4.49	0.55	7.93%	-
HT VI	5.85	4.49	0.55	7.93%	0.46
Resco	-	4.49	0.55	7.93%	-
Temporary	-	4.49	0.55	7.93%	-
HT Category at 132 kV					
HT I (A)	3.55	4.49	0.52	5.47%	-
HT I (B)	2.64	4.49	0.52	5.47%	-
HT II	5.57	4.49	0.52	5.47%	0.33
HT III	-	4.49	0.52	5.47%	-
HT IV (A)	-	4.49	0.52	5.47%	-
HT IV (B)	-	4.49	0.52	5.47%	-
HT IV (C)	-	4.49	0.52	5.47%	-
HT V	4.48	4.49	0.52	5.47%	-
HT VI	-	4.49	0.52	5.47%	-
Resco	-	4.49	0.52	5.47%	-
Temporary	-	4.49	0.52	5.47%	-

FY 2012-13					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	6.00	5.29	0.81	12.44%	-
HT I (B)	-	5.29	0.81	12.44%	-
HT II	7.59	5.29	0.81	12.44%	0.84
HT III	7.03	5.29	0.81	12.44%	0.28
HT IV (A)	3.36	5.29	0.81	12.44%	-
HT IV (B)	2.45	5.29	0.81	12.44%	-
HT IV (C)	-	5.29	0.81	12.44%	-
HT VI	5.23	5.29	0.81	12.44%	-
Resco	1.06	5.29	0.81	12.44%	-
Temporary	-	5.29	0.81	12.44%	-
HT Category at 33 kV					
HT I (A)	5.30	5.29	0.55	8.53%	-
HT I (B)	4.13	5.29	0.55	8.53%	-
HT II	6.43	5.29	0.55	8.53%	0.14
HT III	5.95	5.29	0.55	8.53%	-
HT IV (A)	3.25	5.29	0.55	8.53%	-
HT IV (B)	-	5.29	0.55	8.53%	-
HT IV (C)	-	5.29	0.55	8.53%	-
HT VI	5.05	5.29	0.55	8.53%	-
Resco	-	5.29	0.55	8.53%	-
Temporary	-	5.29	0.55	8.53%	-
HT Category at 132 kV					
HT I (A)	4.94	5.29	0.51	5.25%	-
HT I (B)	3.62	5.29	0.51	5.25%	-
HT II	7.51	5.29	0.51	5.25%	1.43
HT III	-	5.29	0.51	5.25%	-
HT IV (A)	-	5.29	0.51	5.25%	-
HT IV (B)	-	5.29	0.51	5.25%	-
HT IV (C)	-	5.29	0.51	5.25%	-
HT V	5.42	5.29	0.51	5.25%	-
HT VI	-	5.29	0.51	5.25%	-
Resco	-	5.29	0.51	5.25%	-
Temporary	-	5.29	0.51	5.25%	-

FY 2015-16					
Categories	T	C	D	L	S
	Rs/kWh	Rs/kWh	Rs/kWh	%	Rs/kWh
HT Category at 11 kV					
HT I (A)	7.46	5.68	1.16	11.41%	-
HT I (B)	-	5.68	1.16	11.41%	-
HT II	9.26	5.68	1.16	11.41%	1.76
HT III	8.59	5.68	1.16	11.41%	1.09
HT IV (A)	5.74	5.68	1.16	11.41%	-
HT IV (B)	4.95	5.68	1.16	11.41%	-
HT IV (C)	-	5.68	1.16	11.41%	-
HT VI	6.13	5.68	1.16	11.41%	-
Resco	1.05	5.68	1.16	11.41%	-
Temporary	-	5.68	1.16	11.41%	-
HT Category at 33 kV					
HT I (A)	6.52	5.68	0.83	7.72%	-
HT I (B)	5.24	5.68	0.83	7.72%	-
HT II	8.40	5.68	0.83	7.72%	1.45
HT III	7.37	5.68	0.83	7.72%	0.42
HT IV (A)	5.64	5.68	0.83	7.72%	-
HT IV (B)	-	5.68	0.83	7.72%	-
HT IV (C)	-	5.68	0.83	7.72%	-
HT VI	6.06	5.68	0.83	7.72%	-
Resco	-	5.68	0.83	7.72%	-
Temporary	-	5.68	0.83	7.72%	-
HT Category at 132 kV					
HT I (A)	6.10	5.68	0.81	4.48%	-
HT I (B)	4.79	5.68	0.81	4.48%	-
HT II	9.70	5.68	0.81	4.48%	2.96
HT III	-	5.68	0.81	4.48%	-
HT IV (A)	-	5.68	0.81	4.48%	-
HT IV (B)	-	5.68	0.81	4.48%	-
HT IV (C)	-	5.68	0.81	4.48%	-
HT V	6.68	5.68	0.81	4.48%	-
HT VI	-	5.68	0.81	4.48%	-
Resco	-	5.68	0.81	4.48%	-
Temporary	-	5.68	0.81	4.48%	-