

Andhra Pradesh Electricity Regulatory Commission
4th & 5th Floors, Singareni Bhavan, Red Hills, Hyderabad -500004

Present

Sri A. Raghothama Rao, Chairman
Sri C.R. Sekhar Reddy, Member
Sri R. Ashoka Chari, Member

Dated 02-11-2012

ORDER

In the matter of Determination of Fuel Surcharge Adjustment (FSA) For First Quarter
(April 2012 – June 2012) of FY 2012-13

Central Power Distribution Company of A. P. Limited (APCPDCL) ...OP No: 64 of
2012

Eastern Power Distribution Company of A. P. Limited (APEPDCL) ... OP No: 66 of
2012

Northern Power Distribution Company of A. P. Limited (APNPDCL) ... OP No: 65 of
2012

Southern Power Distribution Company of A. P. Limited (APSPDCL) ... OP No: 67 of
2012

.....Applicants

1. This matter came up for public hearing on 20-09-2012 before several consumers, the representatives of various consumer organizations & learned Counsels representing bulk consumers and associations; and having stood over for consideration till this day, the Commission passed the order.
2. Under clause 45-B of Commission's Conduct of Business Regulations as amended vide Regulation No 1 of 2003 read with Section 62(4) of The Electricity Act, 2003 and Tariff Order for 2012-13, additional cost of fuel and power purchase costs have to be passed on to the consumers as Fuel Surcharge Adjustment (FSA) on quarterly basis as per the terms of fuel surcharge formula specified under the said regulation.
3. In pursuant to the said regulation, FSA proposals for the first quarter of financial year 2012-13 i.e. period between April 2012 to June 2012 were

submitted by the 4 Nos of Distribution Licensees (DISCOMs) in the state, viz., APCPDCL, APEPDCL, APNPDCL and APSPDCL, on 27/28th of July-2012 before APERC.

4. Brief details of the FSA proposals for the First quarter of FY 2012-13, submitted by the Distribution Licensees (DISCOMs in short) are as follows:

APCPDCL

Particulars	Apr-12	May-12	June-12	Qtr1 Total
Proposed FSA Amount (Rs Cr)	588.94	256.26	162.28	998.49
Non Agricultural Sales (MU)	2046	2146	1963	6155.35
FSA Rate (Rs/kWh)	2.88	1.19	0.83	1.6221

APEPDCL

Particulars	Apr-12	May-12	June-12	Qtr1 Total
Proposed FSA Amount (Rs Cr)	255.40	110.54	74.09	439.49
Non Agricultural Sales (MU)	887	926	896	2709
FSA Rate (Rs/kWh)	2.88	1.19	0.83	1.6221

APNPDCL

Particulars	Apr-12	May-12	June-12	Qtr1 Total
Proposed FSA Amount (Rs Cr)	144.52	52.90	45.46	242.52
Non Agricultural Sales (MU)	502	443	550	1495.03
FSA Rate (Rs/ kWh)	2.88	1.19	0.83	1.6221

APSPDCL

Particulars	Apr-12	May-12	June-12	Qtr1 Total
Proposed FSA Amount (Rs Cr)	267.41	122.15	86.03	485.48
Non Agricultural Sales (MU)	929	1023	1041	2993
FSA Rate (Rs/ kWh)	2.88	1.19	0.83	1.6221

5. The DISCOMs while submitting the claim, requested the Commission to permit the Licensee to collect FSA amounts during the 1st Quarter of FY 2012-13 on weighted average basis of Rs 1.6221 per unit per month.
6. The said filings were assigned OP Nos. vide No. 64 of 2012 (APCPDCL), OP No. 66 of 2012 (APEPDCL), OP No. 65 of 2012 (APNPDCL) and OP No. 67 of 2012 (APSPDCL).
7. The Licensees were directed by the Commission as follows-
 - a) To notify their quarter wise FSA proposals to the public in English and Telugu daily newspapers, having wider circulation in their area of supply.
 - b) To place the FSA proposals on their respective websites along with allocation statements / background calculation sheets
 - c) Keep the copies of the proposals available to the public, along with all the necessary supporting documents, at their offices.
 - d) Make copies of the above available, wherever requested by any person and supply copies at a reasonable cost of photo copying the same.
 - e) As part of the public notification, dated: 18-08-2012, it was also mentioned that any objections / suggestions /comments on the proposals of the DISCOMs can be submitted to the Secretary, AP Electricity Regulatory Commission, 5th Floor, Singareni Bhavan, Red Hills, Lakdi-Ka-Pul Hyderabad -500504, so as to reach by 31-08-2012 with a copy marked to the Chief General Manager/ Regulatory Affairs of the concerned DISCOM.
 - f) Later, through another public notice, dated: 05-09-2012, it was notified that the Commission would be conducting public hearings on the matter on 20-09-2012, from 11:00 AM onwards at Court Hall of APERC, Hyderabad.

CHAPTER – II

PUBLIC HEARING on FSA CLAIMS

8. The Public Notice, issued by the Licensees at the directions of the Commission, appeared on 18-08-2012 in the Newspapers. About 69 Nos. of Objectors (persons / organizations/ consumers) filed their objections by the due date i.e. 31-08-2012 and some of the objectors requested for postponement of the scheduled public hearings in lieu of shortage of time. During the course of public hearing, held on 20-09-2012, last date of filing of objections was extended at the request of the participants, till 27.09.2012.
9. During the Public Hearing held on 20-09-2012, representatives of Political Parties, Sri. T. Harish Rao of TRS, Sri Janaki Prasad of YSRC, Representatives/Learned Counsels of M/s. Andhra Spinning Mills Association, M/s. Andhra Sugars like Sri Gopala Chowdary, and representatives of Industrial Consumers like M/s Grind well Norton and FAPSIA submitted their objections before the Commission.
10. In the following paragraphs, a summary of the objections, submitted both in writing & orally, by various persons/representative bodies / organizations / legal counsels representing groups of consumers, along with the replies arranged by the DISCOMs, is given. Commission, before undertaking the final processing of the claims of the DISCOMs, has thoroughly examined these objections / suggestions, along with the replies submitted by the DISCOMs. While doing so, wherever required, Commission has indicated its views on the respective issue/issues.
11. In this context, Commission would like to place on record its appreciation to all the objectors who participated in the public hearings and furnished their considered views & suggestions.
12. A List of persons/representative bodies/organizations/ legal counsel representing groups of consumers who filed objections before the Commission, is given as Annexure-B

CHAPTER – III

ANALYSIS OF ISSUES ARISING FROM PUBLIC HEARING

Issue 1

13. Time given for filing of objections:

Views of Objectors

Sri M.Thimma Reddy, M.V Mysoora Reddy, Ex. M.P., Sri B. Janaki Prasad of Y.S.R Congress Party, T. Harish Rao, MLA of TRS Party, Dr. K. Narayana, Secretary/CPI and Sri K. Raghu Energy Auditor and others submitted the following objections-

According to the proposals of DISCOMs Rs. 2,165.98 Cr is to be recovered from the consumers and the unit rate of proposed FSA for this quarter is Rs. 1.62/unit. Consumers had been given just two weeks time to respond on such an important issue. Given the amount of information involved to be examined and various issues raised along with variations in fuel costs, this two weeks time is grossly inadequate to make any meaningful intervention by the consumers.

Replies of Licensees :

The purpose of filing objections is to receive the comments of the consumers broadly about the claims made by the DISCOMs; thereby the Hon'ble Commission would be obligated to examine the said claims in detail from the stand point of the objections that was raised by consumer/s. The time given by the Hon'ble Commission is reasonably sufficient to respond on the FSA claims of the DISCOMs. However the issue falls in the purview of Hon'ble Commission

Commission's views:

The public notice, issued by the Licencees at the directions of the commission, inviting objections and suggestions from the interested parties, stake-holders, consumers and / or organisations up to Dt. 31-08-2012, appeared in news papers on 18-08-2012 and filings of DISCOMs were

posted on commission's website. Public hearing was held on 20-09-2012, duly taking the objections received as on the date of public hearing also, into consideration. Further, in consideration of the requests made during the said public hearing, Commission extended the due date for filing of objections up to Dt. 27-09-2012. Thus the commission has given sufficient time for filing of objections.

Issue 2

14. Maintainability of the filings by the DISCOMs:

Views of Objectors

M/s Salguti Industries Ltd, M/s Abhedya Industries Ltd, Representatives of FAPCCI, M/s AP Ferro Alloys Manufacturers' Association and others submitted the following objections –

Except stating that the DISCOMs have authorized respective managers to file the application before the Commission they have not filed the resolution filed by their Board of Directors

None of the impugned Petitions are signed by the Directors of the Petitioner companies and no material is produced to evidence that the Board of Directors of these companies have authorized the filing of the Petitions. As per the orders of Hon'ble Delhi High Court in NIBRO LTD. v. NATIONAL INSURANCE CO LTD. AIR 1991 Del 25: (1991) 70 Comp Cas 388, unless a power to institute a suit is specifically conferred on a particular director, he has no authority to institute a suit on behalf of the company. On this count also the impugned Petitions are defective and liable to be rejected, *in limine*. And, as per the orders of Hon'ble Supreme Court of India in DALE AND CARRINGTON INVESTMENT (P) LTD Vs. P K PRATAPAN [AIR 2005 SC 1624 @ page 1631], "...an individual director has no power to act on behalf of a company of which he is a Director unless by some resolution of the Board of Directors of the Company specific power is given to him /her..."

Hence, the Petitions are contrary to the law and are not maintainable

Replies of Licensees:

DISCOMs are registered under Companies Act but are wholly owned by the Govt. of A.P. The respective DISCOMs have already authorized the concerned the Chief General Managers to sign the pleadings and file the same in the Commission in respect of all the proceedings including the FSA proceeding time to time before the Hon'ble Commission. Therefore, the objection is unsustainable. The judgments of the Delhi High Court, AP High Court and Supreme Court are misquoted. The said judgments are concerned to the respective High Court original said rules relating to the Company matters. As far as FSA proceedings are concerned the same has been filed as per the proceedings.

Commission's Views:

Commission is of the view that filing of FSA claims by authorised representatives of DISCOMs is acceptable.

Issue 3

15. Form and Manner of the filings with adequacy of information before APERC:

Views of Objectors

Representatives/Learned Counsels of M/s. Andhra Spinning Mills Association, M/s. Andhra Sugars like Sri. Gopala Chowdary and others submitted the following objections-

The Commission must, before calling for public hearing, verify with due care and diligence at least as to (a) whether the requirements of procedure and form had been complied with by the applicant, and (b) whether the information that has been furnished is so complete as to enable the Commission to decide on the matter without anything further (c) whether there is sufficient explanation and elucidation in the application to enable the affected consumer public to understand the issues and data and calculations, and (d) whether the Commission ought to take any measures for consumers facilitation and assistance to enable them for meaningful participation. It is only after all the shortcomings in these respects made good, that the Commission may proceed to the public notice and conduct public hearing. In the present case,

applications made by the Discoms and the information made available to the public is not sufficient so as to give any necessary information and explanations to the consumers for understanding.

Sri M Thimma Reddy, Sri T Harish Rao, Dr K Narayana and others expressed that Commission, as a proactive step, should have directed the DISCOMs to place complete information before the public. Commission as well as DISCOMs, under the existing Acts, are duty bound to put in place transparent and economic power purchase process, the objectors stated.

Replies of Licensees:

The information filed with Commission such as source wise energy purchased, variable cost and fixed cost along with prior period expenditure details and sales are placed on website also. Further, the calculation sheets are self-explanatory with regard to nature of cost incurred. The relevant copies of the bills were submitted to Commission along with the filings. The information initially submitted by the DISCOMs and the additional information submitted later as per the directions of the commission, are self-explanatory and show the analysis and the justification for the FSA claims made.

Commission's views:

Condition no: 2 of 45-B of the conduct of business regulations, 1999, as amended by the latest 2003 amendment, (which deals exclusively with FSA), reads as follows-

“The licensee shall provide the Commission with its calculation of each fuel surcharge adjustment required to be made pursuant to its tariff before it is implemented with such documentation and other information as it may require for purpose of verifying the correctness of adjustments”

In the light of the above, Commission's view is that the information initially furnished and the additional information subsequently furnished by the DISCOMs against the FSA claims is sufficient to enable the Commission to proceed with the processing of the claims and that the information furnished is

adequate even from the point of the consumers. Commission thoroughly examines all the relevant documents and allows the claim only to the admissible extents.

Issue 4

16. Prior Regulatory approvals for claims of Generators:

Views of Objectors

Representatives of M/s Ferro Alloys Companies Association submitted that analogous to the present exercise, wherein distribution companies are seeking approval to pass on their FSA exposure onto the consumers, the generator/s too ought to have sought specific approval from the appropriate Commission/s, to pass on their variable costs / other legitimate claims

Replies of Licensees

It is incorrect to state that the incremental cost of fuel that is incurred by generator should first get the approval from the respective regulator and then pass on the claim to the DISCOMs. Based on the said approval, the DISCOMs should pay to the Generator and the DISCOMs should then claim the same as part of the FSA. The objector misconceived the FSA of tariff. The Hon'ble Commission, as part of its order held that FSA applicable shall be in addition to the tariff. The present proceedings are to achieve the object of correctness or otherwise of the FSA claims that are made by the DISCOMs. If the claims are found to be excessive / incorrect the same would be appropriate corrected to the entitled quantum by APERC. Therefore, there is no possibility of unapproved claims passed on to the consumers. Clause 45-B of CBR not only provides the incremental cost of fuel incurred by the generators / DISCOMs, also provides prior period expenses and some part of fixed costs. Therefore, the claims made by the DISCOMs, subject to the correction of quantum, are made in accordance with the law in force

Commission's views

The claims of variable costs / other legitimate claims, either pertaining to the Central Generating Stations or pertaining to the power plants under APGENCO, are made in accordance with the respective regulations (Terms &

Conditions of Tariff determination for Generators) issued by either CERC or APERC, as the case may be and as per the respective clauses of the PPAs entered into by the Distribution Licensees with the Generators. Based on these, Commission thoroughly examines the claims/bills submitted by the Generators/DISCOMs before finally admitting them.

Issue 5

17. Variations in costs of APGENCO plants:

Views of Objectors

Sri M Thimma Reddy, Sri T Harish Rao, Dr K Narayana and others submitted the following in connection with the variations in the costs of plants under APGENCO-

Plants under APGENCO do not have any foreign exchange exposure and the variations in the fixed costs of these plants as observed in the filings of DISCOMs give rise to legitimate doubts on FSA burden proposed.

Out of prior period expenditure of Rs. 1,230.59 Cr claimed, payments to APGENCO alone accounted for Rs. 1,165.46 Cr. The explanations provided for such high spending is not clear. In the FSA claims for 4th quarter of 2011-2012, DISCOMs already claimed a variance in variable cost to the extent of Rs. 867.88 Cr. After this, there was no change in the price of either coal or gas. In case this expenditure was towards variance in fixed cost DISCOMs need to explain under what provision of the PPAs they are claiming this expenditure

The inordinate delay on the part of APERC in scrutinizing the PPAs with APGENCO may be encouraging both APGENCO and the DISCOMs to claim unjustified amounts

There are allegations that even when imported coal was available in the range of Rs. 4795 to Rs. 3688 per tonne, APGENCO purchased at the rate of Rs. 5532 per tonne. The change in the importing firm, from a Public Company to a Private Company, leads to doubts about the genuineness of the imported

coal procurement by APGENCO. The Commission needs to thoroughly examine the procurement and utilization of imported coal

Replies of Licensees:

FSA on account of APGENCO largely (Rs.936.39 Cr) pertains to Fuel Cost Adjustment (FCA) of 4th Quarter of FY 11-12, but not due to fixed Cost variation alone. Fuel Charge Adjustment claim of APGENCO was received after filing of 4th Quarter FSA of FY 11-12 i.e. after 27.04.2012. Further, the FCA cost is due to variation in fuel cost. The 4th Quarter FCA claim of FY 2011-12 of APGENCO was not factored in earlier FSA filings

The variance in variable cost to the extent of Rs. 867.88 Cr is not only in respect of APGENCO stations as pointed out by the objector, but, in respect of all the stations, including the purchases from market.

APGENCO procured the imported coal at the prevailing international market prices. However, Commission would do a prudent check.

Commission's Views:

There is provision for taking into account prior period expenditure in the formula prescribed in the FSA Regulation for calculation of FSA amount of a particular quarter. This component "Z" in the formula refers to admissible items of costs pertaining to quarters earlier to the quarter for which FSA is being computed. Such claims are based on supporting documents received by the licensees during a particular quarter concerning the energy pertaining to earlier quarters. Depending on the date of availability of such supporting documents, in comparison to the date of filing of FSA claims by the licensee, such claims are presented before the Commission by the licensee to be incorporated, to the admissible extent, as part of "Z" i.e., prior period expenditure in the FSA formula prescribed in the Regulation. Regarding such claims pertaining to the prior period expenditure, Commission would like to state that all such claims of the Distribution Licensees are thoroughly examined by the Commission, in the light of the provisions of the relevant provisions of the Act and as well as the relevant regulations/orders issued by

APERC from time to time. Hence, the question of re-admitting the claim, which was already admitted in the earlier orders issued by the Commission, does not arise.

Commission has taken up the processing of the PPAs pertaining to the power plants of APGENCO. The timing of finalization of PPA rates does not have any bearing on the calculation of FSA amount. The estimated rates for fixed cost purpose taken into account at the time of relevant tariff orders are subject to FSA determination / finalization of PPA terms by Commission. As far as the ultimate impact on the consumer is concerned, the sequence of finalization of FSA vis-à-vis PPA finalization does not make any difference. The estimated adhoc rates of the tariff order for fixed cost purpose are eventually subject to both adjustments i.e., FSA / PPA stage and the sequence is immaterial as far as ultimate impact on the consumer is concerned.

Commission is of the view that there would be variations in the fixed costs, over and above the fixed costs approved in the relevant Tariff order, due to the variations in taxes, incentives, change in foreign exchange rate, variation in capital cost etc. In respect of the bills claimed by Central Generating Stations, the basis for such variations is the regulations issued by Central Electricity Regulatory Commission (CERC) and in respect of the APGENCO stations, the basis is the regulations issued by APERC. The variations in all the costs of the plants, including the claims against the purchases of imported coal, whether under APGENCO or not, would be allowed by the Commission after thorough scrutiny of the bills.

Issue 6

18. Admissibility of expenses for PGCIL, transmission charges, SLDC charges

Views of Objectors

Sri. Gopal Chowdary, Representatives/Learned Counsel for M/s Andhra Sugars and others stated that the amounts claimed in respect of expenses for PGCIL, transmission charges, STOA charges, SLDC charges are not admissible or relevant in terms of the Regulation. It is also not clear as to

whether these claimed costs are in relation to the approved tariff order quantity or to the entire energy purchased.

Representatives of M/s Ferro Alloy Manufacturers' Association submitted that the charges to be recovered on account of Transmission Charges and SLDC Charges, which in the regular process are to be filed in the Tariff proceedings, cannot form basis of FSA Claims.

Replies of Licensees:

These costs were associated with actual energy purchased
FSA claims are submitted as per the regulation in vogue

Commission's Views:

Regarding the admissibility of the amounts claimed in respect of expenses towards PGCIL, Transmission, SLDC charges etc., in terms of the relevant regulation and whether these claims are in relation to the quantities approved in the Tariff Order or to the entire energy purchased, Commission is of the view that the PGCIL charges, transmission charges and SLDC charges are not part of the power purchase as per the Tariff Order. These costs are proposed to be disallowed while computing the FSA charge.

Issue 7

19. Admissibility of prior period expenses:

Views of Objectors

Sri Thimma Reddy, M.V. Mysoora Reddy, Ex. M.P., B. Janaki Prasad of Y.S.R Congress Party, Sri T. Harish Rao, MLA/Siddipeta, Dr. K. Narayana of CPI, Sri K Raghu and others submitted that Figures for the 1st quarter of 2012-13 show that variation in fixed cost and prior period expenditure (which is nothing but differed fixed cost recovery) together account for 62.1 percent of the FSA claim of DISCOMs for the first quarter of 2012-13. Prior period expenditure alone accounts for 56.81 percent of FSA.

Sri. Gopal Chowdary, Representatives/Learned Counsel for M/s Andhra Sugars and others submitted that the amounts shown as prior period expenses, purportedly in respect of periods as far back as the year 2000,

aggregating to over 1200 Cr for the quarter is astounding. The provision for prior period expenses in the formula is being grossly abused to mulct a section of the consumers in an arbitrary, capricious, irrational and unreasonable manner. This requires serious consideration and there has to be a different method of dealing with these so-called prior period expenses. There is no indication as to any criteria for identifying prior period expenses in relation to a particular month quarter. Properly, if at all, these should be considered in an appropriate true up proceedings where all the expenses of the licensees are taken into consideration and they are passed through to the cost of service in the same manner as was done in the original tariff order

Sri M Venugopala Rao and others suggested that DISCOMs may be directed to include such claims for past period expenditure, if permissible, in the FSA claims for the respective quarter

Replies of Licensees:

Out of the total FSA amount of Rs 2165 Cr the variance because of fixed cost is only 0.34% but the variance of variable cost is 99.66%.

Out of the Total amount of Rs 1230.8 Cr of Prior period expenditure, the FCA of APGENCO stations for the 4th quarter of 2011-12 alone is Rs 937 Cr and the differential tariff paid to Renewable Sources as per the Order of the Hon'ble Supreme Court and APTEL (in IA No252 of 2011 in appeal No 166 of 2011) is Rs 201Cr. As per the FSA Regulation under the heading of Z i.e. the changes in the cost in Rupees as allowed by the commission for a period extending in the past beyond the relevant quarter is being claimed as prior period expenditure

DISCOMs submitted the FSA claims as per the regulations in vogue.

Commission's Views:

Commission has examined all the objections put forth by the concerned on the prior period expenditure claims of the DISCOMs. All the bills pertaining to the prior period expenditure would be thoroughly scrutinized before finalizing the FSA amount.

The expenditure pertaining to PGCIL, STOA, MTOA, and Posoco are proposed to be disallowed by the Commission, since the same were not covered in the respective Tariff Order, under 'power purchase cost'.

The expenditure pertaining to the revision of cost, for the energy supplied in the month of March-2012, under bundled power by NVVNL, is proposed to be disallowed since this energy was not considered while determining the FSA of 4th quarter of FY 2011-12.

The expenditure pertains to Farakka station of NTPC, claimed in the month of June-2012, which is also proposed for disallowing since the details are not furnished by the DISCOMs.

Issue 8

20. kVAh Billing in context of FSA:

Views of Objectors

Representatives/Learned Counsel Sri. Gopal Chowdary and others stated that it is not clear as to the basis on a methodology adopted where the wheeling is being done on kVAh basis to relate to the court purchase which is in kWh.

Replies of Licensees:

Wheeling charges are being collected on the basis of Rs/kVA/month but not on kVAh basis as claimed by the consumer.

Commission's Views:

Regarding the objections submitted on the kWh/kVAh billing patterns, Commission is of the view that kVAh and kWh units cannot be arithmetically added to arrive at the power purchase quantity. Power purchase quantity shall always be in terms of kWh only. Commission has ensured that DISCOMs have furnished the sales category-wise, month-wise, voltage-wise in terms of kWh also.

Issue 9

21. Impact of Additional Purchases made for Agricultural Consumption:

Views of Objectors

Representatives/Learned Counsel Sri. Gopal Chowdary and others submitted the following-

It is not clear from the information furnished as to how the power for agricultural consumption in excess of the tariff order approved quantities has been purchased and how the additional costs have been dealt with. The requirement in the tariff order is that the State Government is required to bear the entire cost of all such additional purchases. Therefore, the entire fixed and variable costs for such additional purchases have to be excluded from the FSA exercises and/or in computing the weighted average cost of purchase. It is incorrect, if this has been done as it appears, to work out the weighted average cost of purchase including the additional purchases at higher cost and then limiting the power purchase quantity to the tariff order quantity and applying this weighted average cost thereon.

Replies of Licensees:

Hon'ble Commission is limiting the agriculture sales to Tariff Orders quantities only while approving FSA.

Commission's Views:

With regard to the contention that the requirement in the Tariff Order is that the State Government should bear the entire cost of additional purchases meant for Agricultural category and therefore, the entire fixed and variable costs against such additional purchases have to be excluded from the FSA and in computing the weighted average cost of purchase, it may be noted that the Commission, while arriving at month-wise power purchase quantities, proposes to limit the LT-agricultural sales to minimum of LT-Agl category sales as approved in tariff order or the actual energy consumed by agricultural category consumers. Hence the impact of the excess energy purchased, to meet the requirement of the LT-agricultural category over and above the Tariff order quantity sales, does not fall on the consumers.

Issue 10

22. Short Term Purchases:

Views of Objectors

Representatives/Learned Counsel Sri. Gopal Chowdary and others submitted that (a) Tariff Order expressly limits the price for short-term power purchases to Rs 2.65 per kWh during off-peak hours and to Rs 4.50 per kWh during peak hours in case such power purchases become necessary, and this is also subject to following the procedure of competitive bidding. It is not known as to whether the competitive bidding procedure has been followed for short-term power purchases over and above the tariff order purchase quantities (b) It appears that the guidelines for post-facto approval have been completely breached. The Discoms must explain as to how the purchases made in breach of the license conditions is allowable

Sri M Venugopala Rao Sr Journalist and others submitted the following: Commission permitted the DISCOMs to purchase 13,281 MU during 2012-13 on short-term basis, initially fixing a ceiling price of Rs.4.17 per unit and later enhancing it to Rs.5.50 per unit. Since all the purchases on short-term basis cannot be @ Rs.5.50 per unit, there is no scope for claiming the hefty sum of Rs.2166 Cr under FSA for the first quarter. If the DISCOMs purchased power on short-term basis at a cost exceeding Rs.5.50 per unit, the excess amount is not permissible under FSA

Replies of Licensees:

(a) Licensees are procuring short term power through Competitive bidding process through e-procurement and exchanges only (b) As per the directives envisaged in Tariff Order, Licensees have been regularly submitting information on additional power procurement and deviations therein.

DISCOMs have no other option but to procure additional power from the available sources to meet the demand and to fulfill shortfall from the approved stations; the amount filed in FSA for 1st Quarter of FY 12-13 is not on account of power procured on short term basis. It consists of Rs 1230 Cr prior period expenditure (in which Rs 936 Cr pertains to FCA of APGENCO for the fourth

quarter of 2011-12) and Rs 472 Cr towards FCA of first quarter of 2012-13 of APGENCO; FSA filed by licensees will be are subject to evaluation and prudent check by Hon'ble Commission as per the regulation in vogue

Commission's Views:

Regarding the short term power purchases by the DISCOMs, Commission had indicated a marginal ceiling price of Rs.4.17/kWh in the In the Tariff Order and subsequently amended the maximum ceiling price of Rs.5.50/kWh for purchases of power from short-term sources, subject to procurement of power from such sources by Web based competitive procurement process. However, maximum ceiling price is not operative for purchase made through IEX and IPX. Commission, while securitizing the month-wise FSA amount in the merit order dispatch, proposes to limit the Power Purchase rate at Rs.4.17/unit for the month of April-2012 and Rs. 5.50/unit for the months of May and June-2012, if the short term power purchases are made over & above the marginal ceiling price and also ascertain that such purchases are made through competitive bidding process.

Issue 11

23. Treatment of Agricultural Consumption in Determination of FSA:

Views of Objectors

Representatives/Learned Counsels of M/s Andhra Spinning Mills Association, M/s Andhra Sugars like Sri Gopala Chowdary & others, representatives of consumer associations like FAPCCI, AP Ferro Alloys producers' Association, representatives of political parties like CPI, CPM, YSR Congress Party, BJP, TRS, individual like Sri M Venugopala Rao and others submitted the following objections-

Agricultural consumption cannot be excluded from the denominator of the formula for the computation of the FSA. The Electricity Act specifically requires that the licensee shall not supply any electricity except through a meter at any time after June 2005. If this mandatory requirement of law has not been complied with by the licensee, the Commission cannot simply exclude the agricultural consumption on the ground that the metering of the

same is not complete and thereby penalise the other consumers for the neglect and default of the licensee.

FSA must be distributed over the entire consumption including agriculture. There is no justifiable reason to exclude the agricultural consumption as the DISCOMs have published their actual losses which can only be done after quantifying the agricultural consumption and they also have reported the agricultural consumption in their respective areas of supply in their Annual Reports and also in the other filings before the Commission. Excluding the agricultural consumption is contrary to the provisions of the Act, legislative policy and the National Tariff Policy, and also tantamount to undue preference prohibited by law.

When the Government has voluntarily shouldered the onus of providing for the tariff to the Agricultural consumption, there is no reason why, even for social reasons, the FSA Claims should not be equitably distributed across the categories. Further, APERC, to exclude the agricultural consumption has relied upon a decision rendered by the Hon'ble APTEL. The decision of APTEL does not say that agricultural consumption should not be metered and moreover, the Hon'ble APTEL, in subsequent Judgments, including the one in Appeal No. 204 of 2010 dated: 11th August, 2011, held that *the State Commission cannot be a silent spectator to the violation of the provisions of the Act and its Regulations and directions by the distribution licensees and that the State Commission should immediately take appropriate action in this matter according to the provisions of the Act. The State Commission should also give directions giving a time bound schedule for installation of consumer and energy accounting and audit meters, including replacement of the defective energy meters with the correct meters within a reasonable time*

Replies of Licensees:

Agricultural consumption will be treated as envisaged in the regulation in vogue.

Commission's Views:

During the public hearings, majority of the representatives/learned counsels of the industrial consumers and others argued that the Agricultural part of FSA burden should either be borne by the Agricultural consumers themselves or by the Government, who announced the 'free power for Agricultural pump sets' policy, but, not the consumers falling under the remaining categories. Objectors brought to the notice of the Commission that with effect from 2005, supply of electricity without metering is unauthorized as per section 55 of Electricity Act and that any supply made in contravention of this provision cannot be a basis for levying FSA charge pertaining to un-metered Agricultural consumption onto the other consumer categories. All the contentions of the objectors, in respect of excluding the Agricultural consumers from levying of the FSA charges, have been examined by the Commission in terms of the provisions of the Electricity Act, the Regulations of APERC on the aspect of FSA and the relevant judgments of the Hon'ble Appellate Tribunal for Electricity. Section 55 of the Electricity Act, 2003 which stipulates that Electricity shall not be supplied after two years of the appointed date except through installation of meters, has to be examined in the context of the observations of the Hon'ble Appellate Tribunal for Electricity (ATE), on the agricultural consumption. Section 55 of the Electricity Act, 2003 reads as follows:

'Sec 55 (1): No Licensee shall supply electricity, after the expiry of two years from the appointed date, except through installation of a correct meter in accordance with the regulations to be made in this behalf by the Authority.

Provided that the licensee may require the consumer to give him security for the price of a meter and enter into an agreement for the hire thereof, unless the consumer elects to purchase a meter'

'Provided further that the State Commission may, by notification, extend the said period of two years for a class or classes of persons or for such area as may be specified in that notification'

‘Sec 55 (2): For proper accounting and audit in the generation, transmission and distribution or trading of electricity , the Authority may direct the installation of meters by a generating company or licensee at such stages of generation, transmission or distribution or trading of electricity and at such locations of generation, transmission or distribution or trading, as it may deem necessary.’

Hon’ble Appellate Tribunal for Electricity, Vide its Order dated: 07-02-2008, in Appeal No: 250 of 2006 (5 Nos of Distribution Licensees of Karnataka Vs Karnataka ERC & KPTCL), in the matter of power supplied to the agricultural consumers, had held that *‘Once a decision has been taken by the Government, it may not be proper to designate the existing connections as unauthorized’ (Para-32 of the ATE’s Order)*. Hon’ble ATE further had held that *“in view of the aforesaid discussions and since interest of consumers is being protected by the appellants, we hold that the Commission should allow the power requirement as estimated by the appellants” (Para-33 of the ATE’s Order)*. As far as Andhra Pradesh state is concerned, the policy decisions of the Government of Andhra Pradesh, with reference to supply of electricity to agricultural consumers, are very clear for each tariff year and that they not only mandate the DISCOMs to supply electricity to agricultural consumers but also that the same should not be charged. This had been brought out clearly in the Tariff Order for 2010-11. Hence, the criterion prescribed by the Hon’ble ATE , viz., *“decision has been taken by the Government, in the matter of power supplied to the agricultural consumers,”* stands fulfilled and hence the arguments of the objectors referring to Sec: 55 of the Act, cannot be sustained.

Coming to the provisions in the regulations of the Commission on FSA, the position is as follows- (Condition No: 1 of 45-B of Conduct of Business Regulations):

‘The FSA as worked out will be distributed among all categories of consumers that existed in the quarter. However, the consumption by the Agricultural sector will be excluded till the Commission is satisfied that metering of

Agricultural consumption is complete, as may be notified in the tariff orders from time to time'

The observations of the Commission on this aspect of metering of the Agricultural services, in the tariff order for FY 2012-13, are also given below. These observations of the Commission, in the Tariff Order for FY 2012-13, clearly indicate that the Commission is also not satisfied with the ground reality that metering of agricultural consumption has not yet taken place in a complete manner.

Para-30: The Commission notes with concern that the Licensees' efforts regarding estimation of agricultural consumption by un-metered agricultural services are rather tardy and there is a need to expedite the process. The Commission directs that; *"The Licensees shall estimate the consumption based on the Commission approved new methodology and incorporate the results in detail in next Tariff filings without fail*

Para-34: The sales forecast to LT-V: Agricultural consumer category made by DISCOMs is mostly based on DTR meter reading data and not based on Commission approved methodology for estimating sales. This issue has been analysed in detail in the Tariff Order issued for FY 2011-12. The estimates made by the Licensees are not based on actual metering. In these circumstances, the Commission is unable to accept the sales volumes as projected by the Licensees. Even during public hearings, many participants suggested that the sales volumes should be determined by the Commission at levels much lower than those projected by the Licensees. Taking all the above factors into account, the Commission has decided to approve the sales volume level by increasing the corresponding figures of FY 2011-12 tariff order by 10 percent

Considering all the above aspects, connected with taking up the Agricultural consumption also into consideration while computing the FSA charges, Commission has decided to proceed with the FSA computations, excluding the consumption pertaining to the agricultural services from the denominator

of the FSA rate calculation, as envisaged in the formula for computation of FSA, prescribed in 45-B of the Business Regulations.

Issue 12

24. Levy of FSA charges on domestic consumers:

Views of Objectors

Sri M. Thimma Reddy, Dr K Narayana, Sri K Raghu and others submitted that FSA burden is same for a domestic consumer in 0-50 units slab who pays Rs. 1.45 per unit and a domestic consumer in more than 500 units slab who at present pays Rs. 7.25 per unit, which is unfair and unjustified. They suggested that since FSA is treated as differed tariff, the principles applied for determining tariff to different categories/slabs of consumers should be applied to FSA also

Replies of Licensees:

FSA was filed as per the regulation in vogue.

Commission's Views:

In the present Order, leviable FSA charge is being determined as per the provisions in the connected regulation of APERC. However, suggestions of the objectors would be examined while amending the regulation in future.

Issue 13

25. Adequacy of ARR Filings:

Views of Objectors

Sri M Venugopala Rao, Sr Journalist and others submitted the following objections-

After taking all the aspects into consideration, including the subsidy amount agreed to by the State Government to fill the revenue gaps of the DISCOMs, the Commission determined the revenue requirements of the DISCOMs for the FY 2012-13 and enhanced the tariffs to different categories of consumers. In view of the same, seeking an FSA amount of Rs.2166 Cr in the first quarter of the financial year itself, on the face of it, seems abnormal

Replies of Licensees:

Commission, in the Tariff Order, had given variable cost for computing FSA after factoring the cost of short term power purchases and revenue thereon

Commission's Views:

The quantum of FSA in a particular quarter depends on a number of factors like procurement of imported coal by Central Generating Stations, shortages in the domestic coal supplies, reservoir levels in hydel power plants, shortage in availability of gas necessitating procurement of the costly RLNG gas etc. Many of these factors are beyond the control of the licensees. While determining the FSA, the Commission is conducting a thorough scrutiny and admitting only the claims that are substantiated.

Issue 14

26. Payments made to Merchant Power Plants:

Views of Objectors

Sri M Thimma Reddy, Dr K Narayana, Sri K Raghu, Sri M Venugopala Rao and others submitted the following objections-

By diverting KG basin gas to the Merchant plants Of M/s GMR and M/s Lanco, on the recommendation of GoAP, Rs. 155.72 Cr additional burden was placed on the consumers in the state. It is logical to demand that this additional burden of Rs. 155.72 Cr shall be borne by the State Government and not by the electricity consumers in the state

Replies of Licensees:

Allocation of gas is in the purview of the Central Govt.

Commission's Views:

Commission, in its Tariff Order for FY 2012-13, at Para-47, has expressed its view stating that '*Commission desires that whenever the GoAP recommends gas allocation for any of the plants in AP, every effort shall be put in to ensure that the power generated from such gas plants is made available to the*

Licensees in the state'. This is not a matter covered by the Electricity Act. This is more in the nature of a policy rather than a statutory matter.

Issue 15

27. Payments made to NCE Units :

Views of Objectors

Sri M Thimma Reddy, Dr K Narayana, Sri K Raghu, Sri M Venugopala Rao and others submitted the following objections-

By DISCOMs have claimed a huge sum of Rs.201.75 Cr paid to NCE units towards differential tariff for the past period of five years – 2004-2009 – as per the orders of the Supreme Court and the Appellate Tribunal for Electricity. The DISCOMs have not explained what those orders of the Appellate Tribunal and the Supreme Court are and when they have paid the additional amount now being claimed under FSA

Replies of Licensees:

NCE differential amounts were admitted as per Order of the Hon'ble Court in the Civil Appeal No(s) 2650-2654 of 2012, dt.04.04.2012 and Interim orders of Appellate Tribunal Order Dt: 01.02.2012 in IA No. 235 of 2011 (in Appeal No. 150 of 2011), IA No. 252 of 2011 (in Appeal No. 166 of 2011), IA No. 253 of 2011 (in appeal No. 168 of 2011), IA No. 257 of 2011 (in Appeal No. 172 of 2011), and IA No. 258 of 2011 (in Appeal No. 173 of 2011) and subsequent orders of APTEL in the above cases

Commission's Views:

The reply given by Licensees indicating the Orders of Hon ble Supreme Court and Interim Orders of Appellate Tribunal, on the basis of which payments were made, is satisfactory. These bills will be scrutinized by Commission before admitting them.

Issue 16

28. Considering all the units consumed by DISCOMs for FSA claim

Views of Objectors

Sri M Thimma Reddy, Dr K Narayana, Sri K Raghu, Sri M Venugopala Rao and others submitted the following objections-

As per the regulation in vogue, the units approved in the tariff order only would be taken into account by the Commission, instead of the actual no of units consumed by the DISCOM. For the 1st quarter of FY 2012-13, DISCOMs claimed 21099 MU, whereas Commission, in its Tariff Order for FY 2012-13 approved 20966 MU only. Commission may examine this issue as the DISCOMs need to get their claim for the entire units consumed by them.

Replies of Licensees:

The demand vis-à-vis supply is in increasing trend and ARR is at best an estimate of future consumption based on past trend and other available information. The difference is not significant considering the overall circumstances

Commission's Views:

Commission follows the existing provisions in the regulation in vogue while admitting the units consumed by the DISCOMs.

Issue 17

29. Validity of the Regulation on FSA claims

Views of Objectors

Representatives of AP Ferro Alloys Producers' Association and others submitted the following objections-

Hon'ble Commission, made amendment to the Business Regulations, by issuing A.P. Electricity Regulatory Commission (Conduct of Business) Amendment Regulations, 2000 (Regulation No. 8/2000), introducing inter alia Regulation 45-B in Chapter IV-A with respect to tariffs and providing for a FSA

formula. Thereafter, again on 23rd June, 2003, this Hon'ble Commission issued the Amendment to CBR, 2003, whereby substituting Fuel Surcharge Adjustment formula contained in Regulation 45-B. Pursuant thereto, on 08th June, 2005, the Union of India, Ministry of Power (the "MoP") made Electricity [Removal of Difficulties] (Ninth) Order, 2005 (the "RoD Order"). the RoD Order inter alia provided thus: "*Regulations made by the State Commissions, before the commencement of this order, without meeting the requirement of the previous publication under sub-section 44 (3) of section 181 of the Act shall again be published as draft regulations for the information of persons likely to be affected thereby for inviting the objections or suggestions following the procedure prescribed under the Electricity (Procedure for Previous Publication) Rules 2005, and shall be finalised after considering such objections or suggestions received.*

The RoD Order specifically mandated that the Regulations made by the State Commissions, before the commencement of this order, without meeting the requirement of the previous publication under sub-section (3) of section 181 of the Act shall again be published as draft regulations for the information of persons likely to be affected thereby.

This Hon'ble Commission has fixed the Fuel Surcharge Adjustment under Regulation 45-B of the CBR 2003. Regulation 45-B of the Business Regulations, prescribes a formula for determination of FSA. The data for the Petition of the formula is based upon the information forwarded by the licensees. The Commission shall make the determination as per the formula, 'unless otherwise agreed by the Commission'. In addition to the formula, Regulation 45-B imposes certain conditions. However, the CBR 2003 is a regulation made before the RoD Order and after the coming into force of the RoD; the CBR 2003 ought to have been published as draft regulations, as required under the RoD Order. This was not done admittedly. Therefore, CBR 2003 is *ultra vires* the Act, PP Rules and particularly, the RoD Order. 16 Therefore, no aspect contained in the CBR 2003 much less the FSA formulation contained can be relied upon by the Petitioners to file the present FSA Claims.

At any rate, the claims of the Petitioners spring and derive force from 45 -B of the CBR 2003. When the CBR 2003 is not in conformity with the Act and Rules made there under, the Petitions in the present form, under the present provisions are not sustainable.

Had the Hon'ble Commission desired to keep the CBR 2003 in force, after the RoD Order, this Hon'ble Commission would have published the draft thereby. Having not done so, the Commission, consciously elected not to keep the CBR 2003 in force. Hence, by Hon'ble Commission's own action, the CBR 2003 have lost force of law and are not rendered *non est* in law

Replies of Licensees:

The objector has wrongly assumed that the regulations i.e. CBR together with amendment made in the year 2000 and 2003 have been passed under the Electricity Act 2003. The Section 181 Clause (3) says that all regulations made by the State Commission under this Act shall be subjected to the conditions of previous publications. As a matter of fact, the CBR 1999 together with said amendment have been passed under the AP Electricity Reforms Act which was in-force at that time. Further, Section 185 (3) saved the said Reforms Act. That apart, the CBR 1999 together with said amendment were issued with prior publication of drafts inviting objections. Therefore, the objections raised in this regard are factually incorrect, evidently false and legally unsustainable. Therefore, the FSA regulations are very much backed by statutory force

Commission's Views:

Commission issued the subject Amendment Regulation 1 of 2003 to APERC Regulation No 2 of 1999 (Conduct of Business), exercising its powers conferred on it by Sec 54-9 (2) of Andhra Pradesh Electricity Reforms Act 1998 and other applicable provisions of the said Act and all powers enabling it in that behalf. It is to be noted that the subject Amendment Regulation was published in the AP Gazette on 17th of July-2003. It was clearly mentioned in

the regulation that the provisions of the regulation deemed to have come into force w.e.f. 01-04-2003.

By virtue of Sec 185 (3) of the Electricity Act, (which states that 'the provisions of the enactments specified in the schedule, not inconsistent with the provisions of this Act, shall apply to the states in which such enactments are applicable'), the subject Amendment Regulation issued by APERC is saved.

Apart from the above, in the ARR/Tariff proposals filed before the Commission, for FY 2003-04, Licensees submitted proposals in this regard too and the proposals of the Licensees, along with the modifications suggested by the Commission's Staff were also made public during the public hearings held in different parts of the state, in connection with the tariff proposals of the Licensees. All these aspects were discussed in detail under 'Fuel Surcharge Adjustment Formula' vide Para-181 to Para-190 of the Retail Supply Tariff Order issued by APERC for FY 2003-03.

In view of the all the aspects discussed in the paras above, Commission is of the view that the submissions of the Objectors that the Amendment Regulation issued by the Commission in the year 2003 is non-est, is not sustainable.

CHAPTER – IV

METHODOLOGY OF FSA COMPUTATIONS

30. **Views of Objectors**

Representatives/Learned Counsels of M/s Andhra Spinning Mills Association, M/s Andhra Sugars like Sri Gopala Chowdary, Representatives of AP Ferro Alloys Producers' Association and others, submitted the following objections.

The statements of month-wise category-wise sales for the quarter do not show the corresponding power purchase quantities by appropriately closing up the same for the losses. The methodology appears to be different from that in the applications for the previous years.

There must be a nexus between the energy consumed in the quarter (in the denominator of the formula) and the variation in costs considered (in the numerator of the formula). Otherwise the entire formula becomes irrational, inconsistent, unreasonable and arbitrary.

There is totally insufficient information with regard to the observance of merit order, the effects of violation of which are also to be adjusted under the formula in the Regulation.

From the statements appended to the proposal, it appears that the FSA is being computed on a state-level basis. The purchase quantities and expenditure on the basis of the entire State (combining / pooling / cartelizing all DISCOMs) taken together. Such methodology is not authorised or contemplated by the Regulation and is therefore contrary to law. The claim of an individual DISCOM for a FSA rate determined on the basis of all DISCOMs taken together is illegal and contrary to the Regulation and law. Each DISCOM must provide its own energy balance which is a *sine qua non* of the determination of the FSA of that DISCOM. The main tariff order itself deals with the requirement of each DISCOM separately. It is not at all clear from the statements of information furnished as to how the DISCOMs have purchased and accounted for the power from generating stations as allocated to the respective DISCOMs specifically under the statutory 3rd Transfer Scheme.

There is no clarity or information on the D-D transfers and the consequences resulting there from with respect to the provision in the tariff order for such transfers. The methodology adopted in the FSA proposals would enable one or more DISCOMs to realise additional revenue from their consumers in excess of their actual difference in power purchase and/or fuel costs. This is impermissible.

It is amazing that all Distribution Companies have made the same quantum of FSA claims, irrespective of their load patterns, consumer mix, and voltage regimes. The provisions of the Act, as stated above, require that the FSA can be claimed by way of a formula specified. And if the Petitioners are claiming the FSA through a formula, then, it is virtually impossible that power purchase cost of all the Petitioners would be surprisingly equal

Replies of Licensees:

Actual Power Purchase made was taken into consideration for the purpose of FSA calculation

FSA is claimed as per the regulation in vogue

The monthly calculation sheets enclosed with FSA filings are based on the merit order dispatch only

In the Tariff Order one merit order for entire state is approved and further the monthly variable cost/kWh is approved for entire state for the purpose of calculating FSA. Licensees have therefore claimed FSA for the entire state by merging sales and power purchase of all the licensees. Source-wise purchases were already placed in website

Commission's Views:

Regarding the objections on the uniform FSA charge across the entire state, Commission would like to refer to the Tariff Order for FY 2012-13, wherein the Govt of Andhra Pradesh, u/s 108 of Electricity Act 2003, issued a policy direction that the tariff is to be maintained uniform across the State and accordingly the Commission kept the tariffs uniform across all the four

DISCOMs in the State. When the main tariff rates had been maintained uniform across the four DISCOMs in the State, in accordance with the policy direction given by GoAP u/s 108 of EA 2003, the question of determination of FSA rates on differential basis does not arise since the FSA component is nothing but a surcharge on main tariff and the original tariff together with FSA now being determined will be the eventual effective overall tariff, which has to be construed as the figure which is expected to be uniform across the DISCOMs. Based on this, Commission is of the view that it is not possible to have DISCOM wise/Category wise FSA rates for different DISCOMs and for different consumer categories.

Regarding the objections on the merit order dispatches & D-D sales, it is found that DISCOMs had separately furnished their (i) category-wise, month-wise, voltage-wise sales quantity, (ii) month wise power purchase quantity, grossing up limiting the Agricultural sales to minimum of Tariff Order quantity (or) actual sales, with approved losses as per MYT. Tariff Order contains the month-wise single merit order for entire State. The D-to-D transaction at end of the quarter has not been done since it results category wise differential tariff across the DISCOMs which will be contrary to the policy directions issued by GoAP u/s 108 of EA 2003, as explained in the preceding paragraphs.

The methodology being followed by the Commission for computing the Fuel Surcharge Adjustment (FSA) is as follows:

- a) The formula prescribed in Section 45-B of Conduct of Business Regulations, read with Amendment 1 of 2003 which contains four components to arrive at the amount eligible for recovery towards FSA during any quarter. These components constitute the numerator of the FSA formula, which are described below:

$$F_i = \frac{(P_i \times E_i + FC_i + Z + A_i)}{Q_i}$$

Where,

P_i is the difference in the monthly Weighted Average Variable Cost in Rupees, adjusted to four decimal points, of power purchase cost in a month during quarter 'i', for the approved power purchase quantity, **E_i**, for the month computed for FSA purposes, as given below, compared to the Weighted Average Variable Cost for the said month adopted in the tariff order.

E_i is the monthly energy purchase as mentioned in the tariff order in kWh (or its equivalent actual monthly draws in each month) during the quarter 'i' to be submitted for each of the generating stations,

Or

approved power purchase quantity for each month, during the quarter 'i', computed for FSA purposes, drawn in monthly Merit Order up to the power purchase requirement (calculated by grossing up the actual sales for the respective month with Commission approved losses) for each month,

Or

actual energy purchased by all DISCOMs for each month, during the quarter 'i', whichever is lower or considered prudent to be applicable for the month.

FC_i difference in Rupees, of the actual total monthly fixed charges of the generating stations, from the base values adopted in the tariff order, during the quarter 'i'.

Q_i is the actual energy sold to all categories in kWh in the quarter in Discoms or RESCOs, subject to condition No. 1 mentioned hereunder.

Z is the changes in the cost in Rupees as allowed by the Commission, for any month during the quarter 'i', which is counted for a period extending in the past beyond the relevant quarter 'i' but claimed by any generating company along with any monthly bill raised during quarter 'i'.

A_i adjustment in Rupees to account for the financial impact of demonstrated incidents of merit order violation on account of controllable factors or any other events during the quarter 'i', the financial impact of which, in the Commission's view, should be given appropriate treatment.

Condition No.1: The FSA as worked out will be distributed among all categories of consumers that existed in the quarter. However the consumption by the agricultural sector will be excluded till the Commission is satisfied that metering of agricultural consumption is complete, as may be notified in the Tariff Orders from time to time.

- b) The Discoms have submitted that all variable costs are admitted and paid for actual energy supplied keeping in view of the operating norms envisaged in successive regulations and the cost related to coal, gas, GCV etc., is audited and authenticated by the internal auditors and AG audit.
- c) The invoices/bills have been checked prudently by the Commission. The claims based on the approval of CERC/ APERC and as per the provision of the PPAs are allowed. The other claims such as Transmission charges, SLDC charges, PGCIL charges, Posoco claims, and STOA charges etc. which are not covered under power purchase item in Tariff Order are disallowed.
- d) Based on FSA proposal filed and additional information furnished/clarification given by Discoms subsequently, the Discom-wise, month-wise, category-wise, voltage-wise actual sales in kWh made during FY 2012-13 (including concerned RESCOs sales) have been scrutinized. While arriving the Discom-wise, month-wise, voltage-wise sales, the LT agriculture sales are limited to least of (i) target given in the tariff order (or) (ii) actual energy consumed by agricultural category consumers. The Discom-wise monthly power purchase quantity is arrived at by grossing up the above sales figures (voltage-wise) with the approved line losses voltage-wise for respective financial years in the 2nd control period Multi Year Tariff Order.
- e) After arriving the Discom-wise, month-wise power purchase quantity, the AP state level month-wise power purchase quantity is arrived by summing up all the Discoms power purchase quantity.

- f) The AP state level month-wise power purchase quantity so arrived is required because month-wise single merit order given in the Tariff Order by the Commission considering AP state as a whole. The state level power purchase made as per merit order furnished by the Discoms, is limited to (i) power purchase quantity as per Tariff Order for corresponding month (or) (ii) power purchase quantity arrived based on sales of AP state whichever is lesser. This component is classified as (Ei) in the FSA formula as per clause 45(B) of the Business Regulation.
- g) The merit order being followed for purpose of drawl of power is as follows: (i) NCEs, (ii) must-run stations (iii) APGenco Hydel stations (iv) least variable cost thermal stations (v) IPPs.

In case there is any shortfall in supply of energy by the approved stations, the shortfall of such energy is made up by short-term procurement, by limiting the quantities and rates as per the limits prescribed in the Tariff Order for the month of April-2012 and subsequently amended rate for the months of May and June-2012, for short-term power purchases.

- h) The actual weighted average cost is arrived by dividing the total variable cost in the merit order with power purchase quantity of the quarter (Ei).
- i) The difference of actual weighted average cost so arrived and weighted average cost as per tariff order is specified as (Pi) in the FSA formula.
- j) Thus the total variable cost is arrived by multiplying (Pi x Ei) the difference (i.e. Pi, in the FSA formula as per clause 45(B) of Business Regulation) in the weighted average actual variable cost so arrived as per merit order and weighted average variable cost as per Tariff order with quantity of energy purchased and allowed by Commission after

scrutiny (i.e. E_i , in the FSA formula as per clause 45(B) of Business Regulation).

- k) The Discoms have submitted the station wise actual fixed costs in monthly statements. The Discoms have shown the variation in transmission charges, SLDC charges and PGCIL charges as under fixed charges. These are not part of power purchase cost as per Tariff Order and hence disallowed as stated in earlier paragraphs.
- l) The Discoms have stated that the variation in fixed cost is due to variation in taxes, incentives, variation in capital cost and interest there on etc. These claims arising from such variations pertain to CGS as per CERC Regulations and pertain to APGENCO stations as per APERC Regulations. The bills on this account have been scrutinized by the Commission and allowed.
- m) The difference in actual fixed charges (in the merit order) and the fixed charges as per Tariff Order is specified as FC_i (i.e. FC_i , in the FSA formula as per clause 45(B) of Business Regulation).
- n) The Discoms have shown certain amount in the FSA claims under the item (i.e. Z) in the FSA formula under clause 45 (B) of Business Regulations as prior period expenditure. The Discoms have shown that the part of the amount in the prior period expenditure pertains to variable cost of APGenco for the previous quarter. On this the Discoms have stated that the payment bills pertains to variable cost (fuel cost bills) of generating stations from APGenco of previous quarter have been received in the present quarter and hence shown in this quarter as prior period expenditure. The other prior period expenditure bills pertains to Central Generating Stations claimed by NTPC/Nuclear Power Stations are as per CERC Regulations. These bills have been scrutinized by the Commission and allowed except PGCIL charges, STOA charges, MTOA charges and Posoco charge which are not part of power purchase amount in the tariff order and hence disallowed. Further the bill pertains to revision of cost of

NVVNL bundled power, supplied during the month of March-2012, now claimed is disallowed since this energy was not considered while determining the FSA of 4th quarter of FY2011-12. and some bills claimed but details of claims not furnished are also disallowed. The remaining amount covered and approved under prior period expenditure is Zi (i.e. Zi in the FSA formula under clause 45 (B) of Business Regulations).

- o) To arrive the FSA claim amount quarter-wise, month-wise values ($P_i \times E_i$), FC_i and Z are summed up.
- p) The FSA eligible units (i.e. Q in the FSA formula under clause 45 (B) of Business Regulations) have been arrived by totaling the month-wise actual sales excluding agricultural sales for the entire quarter.
- q) The FSA rate to be billed for entire quarter is arrived by dividing the FSA claim amount for quarter with FSA eligible units of respective quarter.
- r) The Discom-wise quarterly FSA amount is arrived multiplying with quarterly FSA eligible units of Discom with FSA rate.

CHAPTER - V

DETERMINATION OF FSA

(for First Quarter of FY 2012-13)

(April 2012 to June 2012)

31. <u>Difference in the Weighted Average Variable Cost. (Pi)</u>	Rs. / Unit
DISCOMs Claim:	
Weighted Average Variable Cost of energy from all sources for Quarter -I as claimed by DISCOMs' in FSA claims (Annexure AI):	2.5753
<ul style="list-style-type: none"> ▪ <i>(DISCOMs' claim is based on actual cost of energy purchased from other sources, to supplement any short fall in the generation from the approved stations in Merit Order list specified in the Tariff Order.</i> 	
Weighted Average Variable Cost of energy from all sources for Quarter-I (as per T.O. 2012-13)	2.1884
Pi - Difference in the Weighted Average Variable Cost (Rs/kWh) claimed by the DISCOMs as a variation with respect to Tariff Order. (Annexure AI)	0.3869
Commission's Scrutiny	
Weighted Average Variable Cost of energy from all sources for Quarter-I as specified in Tariff Order (Rs/kWh): (Annx-G(VI) Pg- 247, T.O. 2012-13)	2.1884
The following points have been taken into consideration while scrutinizing the claim of DISCOMs	
<ul style="list-style-type: none"> ▪ The monthly sales (Agrl. sales limited to T.O monthly quantity or Actual sales whichever is less) grossed-up with voltage-wise losses approved or quantity specified in Tariff Order, whichever is lower has been taken for the purpose of the calculation. ▪ High cost power purchased from other sources if any, to supplement any shortfall in the approved stations, has been limited to a maximum ceiling price of Rs.4.17/kWh indicated in the TO. (Annexure AI) for all market purchases in April/12 and subsequently 	

amended the ceiling price to Rs.5.50/kWh for all short-term purchases to be made from may 2012 month on wards.

Based on above scrutiny, the Weighted Average Variable Cost of Energy (Rs/kWh) is as follows:

2.3842

Merit Order Month	Apr-12	May-12	Jun-12	Total
Actual Variable cost spent Rs.Crs - (1)	1643.19	1559.13	1586.20	4788.52
Purchased units MU (FSA Purpose)- (2)	6858.21	6869.43	6356.52	20084.16
Wgt Avg Variable CPU (Ps/kWh) - 3=(1*10/2)				2.3842

Pi - Difference in the Weighted Average Variable Cost (Rs/kWh) as determined by the Commission as compared to the figure in the Tariff Order. (Annexure AI)

0.19585

(The Pi. Allowed by the Commission is lesser by **19.11 paise/kWh** than the claim made by DISCOMs)

32. Actual Energy Purchase (MU). (Ei)

DISCOMs' Claim:

Actual Energy Purchase (MU) quantity claimed by the DISCOMs for the purpose of FSA. (Annexure A-I)

21098.27

- Actual energy purchase by the DISCOMs for the quarter is **21098.27 MU**, DISCOMs have claimed for the same.

Commission's Scrutiny:

Authorized Energy Purchase (MU) as specified in the T.O. (Annexure – D (III) of T.O, page 239)

20966.42

Taking into account, the required energy purchase based on actual sales to metered categories, Quantum of sales for Agricultural is limited to least of the Tariff Order quantity or actual Agrl. sales and the voltage wise losses specified in T.O, the Commission has allowed, the Actual Energy Purchase (Ei) (Annexure A-I) as:

20084.16

Merit Order Month	Apr-12	May-12	Jun-12	Total
Purchased units (FSA Purpose)	6858.21	6869.43	6356.52	20084.16

33. <u>Variation in Variable Cost: (Rs Crs) - (Pi X Ei)</u>	(Rs. Crs)
<i>DISCOMs' Claim:</i>	
Variation in the Variable Cost - $(0.3869 * 21098.27) / 10$	816.33
<u>Commission's Scrutiny:</u>	
Variation in the Variable Cost as allowed by the Commission: $(0.19585 * 20084.16) / 10$	393.35
(The scrutiny of the Commission, in this parameter, has resulted in the reduction of DISCOMs claim by an amount of Rs 422.98 Crs.)	
34. <u>Difference in actual Fixed Charges (Rs Crs) (FCI)</u>	(Rs. Crs)
<i>DISCOMs' Claim:</i>	
Fixed cost specified in the T.O. (Rs.Crs)	
Actual Fixed Cost claimed by the DISCOMs as paid in the quarter-I for FSA claim purpose (Annexure A-I)	2584.97
<ul style="list-style-type: none"> DISCOMs claimed transmission & SLDC charges, PGCIL & POSOCO charges also as part of fixed charges. 	2699.53
<ul style="list-style-type: none"> Difference in the actual fixed charges as compared to the figure for fixed charges as specified in the T.O. (Annexure A I) 	114.56
<u>Commission's Scrutiny:</u>	
Fixed Cost Payment for the quarter as specified in T.O. (Derived from Tables 19, Pg-45 of T. O. 2012-13)	2128.72
Commission has scrutinized the actual fixed cost claims of DISCOMs.	
<ul style="list-style-type: none"> <i>The claims pertaining to PGCIL, POSCO, SLDC & Transmission charges were disallowed since these charges are not part of power purchase cost as per the Tariff Order.</i> 	2280.23

Difference in the actual fixed charges as compared to the figure for fixed charges as specified in the T.O. FCi (as allowed by Commission) (Annexure –A I).

Merit Order Month	Apr-12	May-12	Jun-12	Total
Actual Fixed Cost Paid (Rs Crs)	832.63	737.11	710.49	2280.23
Fixed Cost as per TO (Rs Crs)	709.57	709.57	709.57	2128.72
Fci - Diffm in Fixed Cost (Rs. Crs)	123.06	27.53	0.91	151.51

151.51

- The scrutiny of the Commission resulted in increase in fixed charges to the tune of **Rs.36.95 crs** over the DISCOMs claims.

35. Prior Period Expenditure (Rs Crs) (Zi)

DISCOMs' Claim:

Prior Period Expenditure for the quarter as claimed by DISCOMs. (Annexure A-I)

1230.59

- *DISCOMs have claimed prior period expenditure on the basis of bills actual received and admitted in respect of various generating stations.*
- *Discoms have preferred in their claims the charges pertains to PGCIL, POSCO, STOA & MTOA charges.*
-

Commission's Scrutiny:

1195.34

Merit Order Month	Apr-12	May-12	Jun-12	Total
Z - Prior Period cost (Rs. Crs)	938.30	198.76	58.28	1195.34

Commission has scrutinized on this account and determined **the Prior Period Expenditure Zi as**

- *While the charges pertaining to PGCIL, POSCO, STOA & MTOA charges were disallowed by commission as they do not form part of the power purchase charges arrived at as detailed in the Tariff Order.*
- *The DISCOM's have claimed NTPC (NVVNL) bundled power charges due to revision of bills for the energy supplied in March/12. This claim is disallowed as the energy supplied was not considered in the March 2012 month.*
- *NTPC Farrakka bills were disallowed as the Discoms' have not*

furnished details.

(The Scrutiny of the Commission, in this parameter, has resulted in the reduction of DISCOMs claim by an amount of Rs.35.25 crs)

36. Adjustments for Merit Order Violations (Rs Crs) (Ai)

The DISCOMs have not claimed any adjustments on this item.

The Commission has accepted the stand of the DISCOMs.

Hence Ai is determined as

0

37. Calculation of FSA Amount:

(Rs. in Crs.)

Based on the above determination, the Commission has determined the FSA amount as follows:

Pi X Ei / 10	(0.1973 *20084.16) / 10	393.35
FCi		151.51
Zi		1195.34
Ai		---
FSA amount (Pi X Ei / 10 + FCi + Zi + Ai)	(393.35 + 151.51 + 1195.34 + 0)	1740.20

(The FSA amount claimed by the DISCOMs is Rs 2161.48 Crs)

<p>38. <u>FSA eligible Sale Units (Qi)</u></p> <p>DISCOMs' Claim:</p> <p>FSA eligible units as claimed by the DISCOMs</p> <p><i>Claim of the DISCOMs includes consumption towards HT IV – Private Lift Irrigation Schemes also.</i></p>	<p>(MU)</p> <p>13,352.51</p>
<p>Commission's Scrutiny:</p> <p>FSA eligible units as specified in Tariff Order: (Annexure H (i) of T.O. 2012-13)</p> <p>After scrutiny, the Commission has considered HT Agriculture sales also for the purpose of FSA as energy consumed is a metered consumption.</p> <p>FSA eligible units allowed by the Commission. (Annexure –AI)</p>	<p>13,877.74</p> <p>13,108.57</p>
<p>39. <u>FSA Rate</u> (Fi)</p> <p><u>FSA amount * 1000 / Qi</u></p>	<p>(Paise/kWh)</p>
<p>FSA Rate for the First Quarter of FY 2012-13 as per the above determination of the Commission comes to</p> <p>(1740.20 * 1000 / 13108.57)</p>	<p>132.75</p>

(The per unit FSA claim of the DISCOMs is paise 161.88/ kWh)

40. Discom-wise Fuel Surcharge Adjustment amount claimed and the Commission approved FSA amount.

APCPDCL (FY 2012-13)	DISCOM filed	APERC Approved
Description	Quarter - I	
(1) FSA Rate: Paise / KWh	161.88	132.75
(2) FSA Eligible Units (MU)	6155.35	6155.33
(3) FSA Amount (Rs Crs) = (1*2 / 1000)	996.42	817.14

APEPDCL (FY 2012-13)	DISCOM filed	APERC Approved
Description	Quarter - I	
(1) FSA Rate: Paise / KWh	161.88	132.75
(2) FSA Eligible Units (MU)	2709.30	2594.87
(3) FSA Amount (Rs Crs) = (1*2 / 1000)	438.58	344.48

APNPDCL (FY 2012-13)	DISCOM filed	APERC Approved
Description	Quarter - I	
(1) FSA Rate: Paise / KWh	161.88	132.75
(2) FSA Eligible Units (MU)	1495.03	1420.83
(3) FSA Amount (Rs Crs) = (1*2 / 1000)	242.01	188.62

APSPDCL (FY 2012-13)	DISCOM filed	APERC Approved
Description	Quarter - I	
(1) FSA Rate: Paise / KWh	161.88	132.75
(2) FSA Eligible Units (MU)	2992.83	2937.55
(3) FSA Amount (Rs Crs) = (1*2 / 1000)	484.47	389.97

41. The Distribution Licensees are directed to charge FSA on all consumers (except LT Agriculture) consumers for the first quarter of FY 2012-13 on monthly basis with effect from **November 2012** over a period of 3 months as shown in the Table below.

Month of Consumption for which FSA is to be Charged	FSA Rate (Paise /kWh)	To be collected along with monthly bill of
April, 2012	132.75	November'2012
May, 2012	132.75	December'2012
June, 2012	132.75	January'2013

This order is signed on 2nd November, 2012

Sd/-
R. ASHOKA CHARI
MEMBER (TECHNICAL)

Sd/-
C.R. SEKHAR REDDY
MEMBER (FINANCE)

Sd/-
A.RAGHOTHAM RAO
CHAIRMAN

ANNEXURE - B

List of Objectors

Sl.	Objector's Name & Address
1	Dr.K.Narayana, Secretary, CPI-AP State Council, Communist Party of India, Andhra Pradesh Council, Makhdoom Bhavan, Himayatnagar, Hyderabad 500 029. Phone Nos.(040)23224966, 23223333 Fax Nos.(040)23264296, 23227942 email: cpiap@rediffmail.com, cpiapsc@gmail.com
2	Kommidin Narsimha Reddy, Ex-MLA, Convener, Praja Chaitanya Vedika, Brahmanapalli (V), Bibinagar (M), Nalgonda Dist 508 126. Phone Nos. (040)271960 Mobile No.989441286411 email:kommidinreddy@yahoo.com
3	G.R.Karunakar, State Executive Member, Bharatiya Janata Party, Plot 56, Laxmi Mega Township, Mayatnagar, Rangareddy 501 510.
4	R.Ramesh, Manager-Excise, M/s Grindwell Norton Ltd. (Saint-Gobain), Devanahalli Road, Old Madras Road, Bangalore 560 049. Phone Nos.(080)3097888 Fax No.(080)30978582
5	Ch.Prabhakara Rao, Unit Head, M/s Hindustan Zinc Ltd. (Vedanta), Zinc Smelter (PO), Visakhapatnam 530 015. Phone Nos.(0891)2517260, 2593501
6	Swamy Jaganmayananda, Husnabad (V), Kodangal (M), Mahabubnagar
7	M.Venugopala Rao, Senior Journalist, H.No.7-1-408 to 413, Flat No.203, Sri Sai Darsan Residency, Balkampet Road, Ameerpet, Hyderabad 500 016.
8	K.Raghu, Certified Energy Manager and Auditor, 204, SCK Residency, Niloufer Hospital Road, Lakdi-ka-pul, Hyderabad 500 004.
9	M.Thimma Reddy, Convenor People's Monitoring Group on Electricity Regulation, First Floor, 1-9-291/6/1, Vidyanagar, Hyderabad 500 044.
10	P.Narendranath Chowdary, Managing Director, M/s The Andhra Sugars Ltd., Venkatarayapuram, Tanuku, West Godavari Dist. 534 215. Phone Nos.(08819)224911 to 917 Fax No.(08819)224168 Email:info.tnk@theandhrasugars.com, asltnk@vsnl.com
11	L.Raja Rao, Director (Tech.), M/s VSF Projects Ltd., Plot No.89/A, Aishwarya, Sagar Society, Road No.2, Banjara Hills, Hyderabad 500 034. Phone Nos.(040)40102929 Email:vsfprojectsLtd@rediffmail.com, info@vsfprojects.com
12	M/s Salguti Industries Ltd., 8-2-334/18, 3 rd Floor, Road No.3, Banjara Hills, Hyderabad 500 034. Phone Nos.(040)23545939, 23543580 Fax No.(040)23544909
13	M.R.Prasad, General Secretary, M/s A.P.Ferro Alloys Producers Association, 308, Nirmal Towers, Drawrkapuri Colony, Punjagutta, Hyderabad 500 082.
14	D.Ravindranath Reddy, G.M. (Finance & Accounts), Nelcast Ltd., 34, Industrial Estate, Gudur 524 101. Phone Nos.(08624)251266, 251766 Fax No.(08624)252066
15	P.Srinivas Kumar, Senior Manager-Finance, M/s Vasant Chemicals Pvt. Ltd., 1-11-251/1B, 4 th Floor, Vasant Towers, Behind Shopper's Stop, Begumpet, Hyderabad 500 016.
16	Director, M/s Pramukh Packing (P) Ltd., B-3, IDA Uppal, Hyderabad.
17	M/s Jakhotia Polysacks Pvt. Ltd.

Sl.	Objector's Name & Address
18	M/s Jakhotia Polymers Pvt. Ltd. Plot No.44/A/2, Phase-I, IDA Jeedimetla, Hyderabad 500 029.
19	M/s Raghuram Synthetics Pvt. Ltd., Suglampally (V), Sultanabad (M), Karimnagar.
20	M/s Jakhotia Plastics Pvt. Ltd., Plot No.43/A, Phase-I, IDA Jeedimetla, Hyderabad 500 029.
21	R.K.Agarwal, Hon.Chairman, M/s Andhar Pradesh Spinning Mills Association, 105, 1 st Floor, Surya Towers, Sardar Patel Road, Secunderabad 500 003. Phone Nos.(040)27890041, Mobile No.9849028556 Fax No.(040)27846837 Email:contact@apspin.com
22	M/s Abhedya Industries Ltd., Sy.No.160, Kothur Industrial Estate, Kothur, Mahabubnagar 509 228.
23	Proprietor, M/s Subhan Steels, Sy.No.205, Jalpally (V), Saroornagar (M), Rangareddy.
24	Partner, M/s Madiha Metal Works, 6-4-39, Opp. A.G.College Main Gate, Katedan, Rangareddy.
25	Proprietor, M/s Kisan Tata Agro Industry, Sy.No.184, Jalpally (V), Saroornagar (M), Rangareddy.
26	Managing Partner, M/s Khair Steel Re-Rolling Mills, Sy.No.184, Jalpally (V), Saroornagar (M), Near Gaganpahad, Rangareddy.
27	Venkatesh Steel Industry, Jalpally (V), Saroornagar (M), Rangareddy.
28	Proprietor, M/s Diamond Steel Re-Rolling Mill, Sy.No.28, Jalpally (V), Saroornagar (M), Rangareddy.
29	Proprietor, M/s Akash Steel Industries, Jalpally (V), Saroornagar (M), Rangareddy.
30	Proprietor, M/s Priyanka Steels, Plot No.7-68/1, Sy.No.28, Jalpally (V), Saroornagar (M), Rangareddy.
31	M/s Shree Krishna Steels, Sy.No.296/7/5, IDA Bollaram, Jinnaram (M), Medak 502 325.
32	D.V.A.S.Ravi Prasad, Advocate12-1-289, Road No.2, Anandnagar Colony, GSI
33	(SR) Post, Bandlaguda, Near Nagole, Hyderabad 500 068.
34	
35	
36	Executive Director, M/s Hitesh Chemicals & Drugs Pvt. Ltd., Plot No.943, Road No.47, Jubilee Hills, Hyderabad 500 034.
37	Managing Director, M/s MAKS Castings Pvt. Ltd., Plot No.12, IDA Uppal, Hyderabad 500 039.
38	Managing Director, M/s MAKS Industries Ltd., Plot No.125-127 & 134-136, Phase-III, IDA Cherlapally, Hyderabad 500 051.
39	T.Harish Rao, MLA Siddipet
40	K.Ravindra Rao, General Manager (F&A)M/s Margadarsi Housing Pvt. Ltd.
41	K.Ravindra Rao, General Manager (F&A)M/s Dolphin Hotels Ltd.
42	M/s Vantech Chemicals Ltd.
43	Director, M/s Sonali Steels & Alloys Pvt. Ltd., Plot No.88/C, IDA Jeedimetla, Hyderabad 500 055.
44	Director, M/s Pushpaky Auto Componets (P) Ltd., Plot No.5/A, Automotive Park, Kallakal (V), Toopran (M), Medak.

Sl.	Objector's Name & Address
45	K.L.Rao, Whole Time Director, M/s Jeedimetal Effluent Treatment Ltd., Plot No.267, Phase-I, IDA Jeedimetla, Hyderabad 500 055.
46	V.V.Prasad, Executive Director, M/s Vimta Labs Ltd., 142, Phase-II, IDA Cherlapally, Hyderabad 500 051.
47	M/s Jeevan Polymers Pvt. Ltd., Plot No.12, CIE Gandhinagar, Balanagar, Hyderabad.
48	M/s Surya Jyoti Polymers Pvt. Ltd., Plot No.101, CIE Gandhinagar, Balanagar, Hyderabad.
49	Director, M/s Jeevan Jyoti Polymers Pvt. Ltd., Plot No.F-12, IDA Kukatpally, Gandhinagar, Balanagar, Hyderabad.
50	M/s IKP Knowledge Park, Genome Vally, Turkapally Shameerpet, Rangareddy 500 078. Phone No. (040)23480022 Fax No.(040)23480007 Email:info@ikpknowledgepark.com
51	T.Damodar Reddy, Ganeral Manager, M/s Artemis Biotech, a division of Themis Medicare Ltd., Plot No.1&5, Phase-I, IDA Jeedimetla, Hyderabad 500 055.
52	M/s Relmix Pvt. Ltd., #203, Vijaya Enclave, Plot No.32, Srinagar Colony, Hyderabad 500 073. Phone Nos.(040)66777888, 66777999 Fax No.(040)23737317
53	M/s Rocks and Minerals (P) Ltd., #203, Vijaya Enclave, Plot No.32, Srinagar Colony, Hyderabad 500 073. Phone Nos.(040)66777888, 66777999 Fax No.(040)23737317 Email:rocksandhyd@yahoo.com
54	Ramchandra Raju, Proprietor, M/s Srinivasa Alloy Castings, Plot No.5A/11,
55	Patancheru, Medak 502 319
56	A.Ashok Reddy, Managing Partner, M/s Sai Krishna Ice Factory, Sy.No.145, Gagillapur (V), Quthbullapur (M), Rangareddy.
57	A.Ananda Kumar Reddy, Chairman, APIIC-AILA, Patancheru, Medak 502 319.
58	I.Srinivas Reddy, Managing PartnerM/s Sai Krishna Alloy Castings, I-1, I.E. Patancheru, Medak 502 319.
59	B.Janak Prasad, Offical Spokesperson, YSR Congress Party, Plot No.883-884, Road No.45, Jubilee Hills, Hyderabad 500 033. Phone Nos.(040)23609595, 23609696 Fax No.(040)23609191
60	M.V.Mysura Reddy, Ex-MP, CGC Member, YSR Congress Party, Plot No.883-884, Road No.45, Jubilee Hills, Hyderabad 500 033. Phone Nos.(040)23609595, 23609696 Fax No.(040)23609191
61	G.Srinivasu, Asst. Manager-S.S., M/s R.A.K.Ceramics India Pvt. Ltd., P.B.No.11, IDA Peddapuram, ADB Road, East Godavari 533 440. Phone No.(0884)2329344 Fax No.(0884)2329343 Email:officemail@rakceramicsindia.com
62	Er.J.S.Rao, Managing Director, M/s Keerthi Industries Ltd., Plot No.40, IDA Balanagar, Hyderabad 500 037. Phone Nos.(040)23076538, 23076539 Fax No.(040)23076543 Email:general@keerthiindustries.com, keerthilt@gmail.com
63	M/s Maruti Cottex Ltd., Sy.No.257, Choutuppal, Nalgonda 508 252. Phone Nos.(08694)272303, 271982, 273494 Fax No.(08694)271981 Email:maruticottexltd@yahoo.co.in

Sl.	Objector's Name & Address
64	A.P.K.Reddy, President Federation of Andhra Pradesh Small Industries Associations, Administrative Building, Industrial Estate, Sanathnagar, Hyderabad 500 018. Phone No.(040)23812525 Fax No.(040)23707461 Email:fapsia@gmail.com
65	A.Venkat Rao, Vice President (Finance), M/s Sree Rayalaseema Alkalies and Allied Chemicals Ltd., 6-2-1012, 2 nd Floor, T.G.V.Mansion, Opp. Institution of Engineers, Khairatabad, Hyderabad 500 004. Phoe No.(040)23313842 Fax No.(040)23313875 Email:hyd2_alkalies@sancharnet.in, hyd2_alkalies@rediffmail.com
66	G.Krishna Prasad, vice-President, Jeedimetal Industries Association, P-27/D, Phase-III. Opp.Bus Depot, IDA Jeedimetla, Hyderabad 500 055. Phone No.(040)23096366 Email:jiahyd@gmail.com
67	K.Ravindra Rao, General Manager (F&A), M/s Ushakiron Movies Ltd., Ramoji Film City, Rangareddy 501 512. Phone No.(08415)246555 Fax No.(08415)246401
68	K.Ravindra Rao, General Manager (F&A), M/s Dolphin Hotels Ltd.
69	M.V.Rajeshwara Rao, Secretary General, The Federation of Andhra Pradesh Chambers of Commerce & Industry, Federation House, FAPCCI Marg, Red Hills, Hyderabad 500 004. Phone Nos.(040)23395515 to 22 Fax No.(040)23395525 Email:info@fapcci.in

Quarter I (FY 2012-13)

Annexure - A (I)

Particulars (FY 2012-13)	Filing	APERC
	1st Qtr	1st Qtr
Energy considered (MU)	21098.27	20966.42
	(Actuals)	(T.O)
Ei - Purchased Energy (in MU) considered for FSA	21098.27	20084.16
Actual Weighted Average Variable Cost (Rs/kwh)	2.5753	2.3842
Power Purchase Variable Cost Rs.Crs	5433.43	4788.52
Weighted Average Variable Cost: T O (Rs/kwh)	2.1884	2.1884
Pi.- Difference in Weighted Average Variable Cost	0.3869	0.19585
(Pi x Ei) (Rs.in Crores)	816.33	393.35
Actual Fixed Cost Paid (Rs Crs)	2699.53	2280.23
Fixed Cost allowed as per TO (Rs Crs)	2584.97	2128.72
Fci - Difference in Fixed Cost (Rs. Crs)	114.56	151.51
Z - Prior Period cost (Rs. Crs)	1230.59	1195.34
Ai - Adj, for Merit Order violation (Rs. Crs)	-	-
(Pi x Ei + Fci + Zi + Ai)	2161.48	1740.20
FSA Eligible Units (Qi in MU)	13352.51	13108.57
Total Sales (Excl. Agrl.) MU - (Tariff Order)		13877.74

FSA for First Quarter of 2012-13		
Item Name	Claimed by DISCOMs	Allowed by APERC
Quarterly FSA Claim (Rs Crs)	2161.48	1740.20
FSA Eligible Units (MU)	13352.51	13108.57
FSA Rate Paise/kwh	161.88	132.75

DISCOM wise, Month Wise, FSA approved by APERC for Quarter I (April -June) FY 2012-13

	APERC
APCPDCL	
Description	Qtr - I
(1). FSA Rate: Paise / KWh	132.75
(2). FSA Eligible Units (MU)	6155.33
(3) = (1)X(2)/1000.	
FSA Amount recoverable (Rs Crs)	817.14

	APERC
APEPDCL	
Description	Qtr - I
(1). FSA Rate: Paise / KWh	132.75
(2). FSA Eligible Units (MU)	2594.87
(3) = (1)X(2)/1000.	
FSA Amount recoverable (Rs Crs)	344.48

	APERC
APNPDCL	
Description	Qtr - I
(1). FSA Rate: Paise / KWh	132.75
(2). FSA Eligible Units (MU)	1420.83
(3) = (1)X(2)/1000.	
FSA Amount recoverable (Rs Crs)	188.62

	APERC	
APSPDCL		
Description	Qtr - I	
(1). FSA Rate: Paise / KWh	132.75	All DISCOMs
(2). FSA Eligible Units (MU)	2937.55	13108.57
(3) = (1)X(2)/1000.		
FSA Amount recoverable (Rs Crs)	389.97	1740.20

ANNEXURE -II
Category-wise, month-wise & voltage-wise kWh sales
of APEPDCL for 1st quarter of FY: 2012-13

Sales / Forecast Sales (MU)	April	May	June	Total
LT Category (Eastern)	572.393	574.256	530.903	1677.552
Category I Domestic	286.931	295.185	327.163	909.279
Category II - Non-domestic/Commercial	58.768	65.487	53.937	178.192
Category III (A & B) - Industrial	42.792	44.655	38.660	126.107
Category IV - Cottage Industries & Dhobighats	0.019	0.167	0.178	0.365
Category V - Irrigation and Agriculture	158.963	145.469	91.100	395.532
Category VI - Local Bodies, St. Lighting & PWS	21.525	20.806	17.327	59.658
Category VII (A & B) - General Purpose	3.343	2.448	2.467	8.258
Category VIII-Temporary Supply	0.052	0.039	0.070	0.161
HT Category at 11 KV	130.640	130.934	116.332	377.906
HT-I Industry Segregated	79.355	79.042	67.399	225.796
HT-IB - Ferro Alloys				
HT-II Industrial Non-Segregated	26.456	28.291	25.830	80.577
HT-III Aviation Activity at Airports	0.000	0.000	0.000	0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	1.858	1.461	1.361	4.680
HT-VI Townships and Residential Colonies	2.078	2.196	2.274	6.548
RESCOs	20.893	19.944	19.468	60.305
Temporary Supply				0.000
HT Category at 33 KV	82.053	82.193	85.509	249.755
HT-I Industry Segregated	74.775	72.054	74.396	221.225
HT-IB - Ferro Alloys				
HT-II Industrial Non-Segregated	6.671	9.241	7.946	23.858
HT-III Aviation Activity at Airports	0.000	0.000	0.000	0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	0.061	0.321	2.549	2.931
HT-VI Townships and Residential Colonies	0.546	0.577	0.618	1.741
RESCOs				0.000
Temporary Supply				0.000
HT Category at 132 KV	233.947	253.982	222.578	710.507
HT-I Industry Segregated	179.333	200.120	172.297	551.750
HT-IB - Ferro Alloys				
HT-II Industrial Non-Segregated	5.507	5.008	4.866	15.381
HT-III Aviation Activity at Airports	0.000	0.000	0.000	0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	0.000	0.000	0.000	0.000
HT-V Railway Traction	49.107	48.854	45.415	143.376
HT-VI Townships and Residential Colonies	0.000	0.000	0.000	0.000
RESCOs				0.000
Temporary Supply				0.000
Total	1019.033	1041.365	955.322	3015.720
Cat V - Irrig & Agri - (Actuals)	172.830	159.706	116.830	449.366
Cat V - Irrig & Agri - (Tariff Order)	158.963	145.469	91.100	395.532
Least of the Actual or Tariff order	158.96	145.47	91.10	395.532
SALES EXCL. AGRL SALES	860.07	895.90	864.22	2620.19

ANNEXURE -II

**Category-wise, month-wise & voltage-wise kWh sales
of APCPDCL for 1st quarter of FY: 2012-13**

Sales / Forecast Sales (MU)	April	May	June	Total
LT Category (Central)	1595.170	1613.340	1352.794	4561.304
Category I Domestic	607.220	671.370	542.810	1821.400
Category II - Non-domestic/Commercial	187.640	200.500	172.620	560.760
Category III (A & B) - Industrial	101.050	108.880	97.710	307.640
Category IV - Cottage Industries & Dhobighats	1.470	1.430	1.430	4.330
Category V - Irrigation and Agriculture	630.830	564.610	471.714	1667.154
Category VI - Local Bodies, St. Lighting & PWS	60.690	60.450	60.610	181.750
Category VII (A & B) - General Purpose	6.150	5.980	5.830	17.960
Category VIII-Temporary Supply	0.120	0.120	0.070	0.310
HT Category at 11 KV	327.456	354.507	347.036	1028.998
HT-I Industry Segregated	209.74	224.22	222.29	656.255
HT-IB - Ferro Alloys	0.78	0.71	0.76	2.257
HT-II Industrial Non-Segregated	99.73	112.79	108.13	320.649
HT-III Aviation Activity at Airports				0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	6.91	6.30	5.12	18.329
HT-VI Townships and Residential Colonies	7.313	7.565	7.855	22.732
RESCOs				0.000
Temporary Supply	2.979	2.921	2.876	8.776
HT Category at 33 KV	440.734	462.237	453.100	1356.071
HT-I Industry Segregated	369.071	388.005	378.272	1135.347
HT-IB - Ferro Alloys	19.136	21.050	19.634	59.820
HT-II Industrial Non-Segregated	46.334	47.934	49.679	143.947
HT-III Aviation Activity at Airports				0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	3.274	2.172	2.376	7.821
HT-VI Townships and Residential Colonies	2.886	3.042	3.139	9.067
RESCOs				0.000
Temporary Supply	0.034	0.035		0.069
HT Category at 132 KV	313.714	280.308	282.085	876.107
HT-I Industry Segregated	248.904	238.541	241.596	729.041
HT-IB - Ferro Alloys	9.962	8.682	15.277	33.921
HT-II Industrial Non-Segregated	3.835	4.142	4.587	12.565
HT-III Aviation Activity at Airports	4.943	5.198	5.604	15.745
HT-IV Govt. Lift Irrigation Schemes & Agriculture	32.863	10.015	1.756	44.634
HT-V Railway Traction	13.207	13.731	13.263	40.201
HT-VI Townships and Residential Colonies	0.000	0.000	0.000	0.000
RESCOs				
Temporary Supply				0.000
Total	2677.073	2710.392	2435.014	7822.480
Cat V - Irrig & Agri - (Actuals)	630.830	564.610	562.020	1757.460
Cat V - Irrig & Agri - (Tariff Order)	669.250	587.230	471.714	1728.194
Least of the Actual or Tariff order	630.83	564.61	471.71	1667.154
SALES EXCL. AGRIL SALES	2046.24	2145.78	1963.30	6155.33

ANNEXURE -II

**Category-wise, month-wise & voltage-wise kWh sales
of APSPDCL for 1st quarter of FY: 2012-13**

Sales / Forecast Sales (MU)	April	May	June	Total
LT Category (Southern)	905.000	996.250	899.844	2801.094
Category I Domestic	343.16	395.29	426.33	1164.780
Category II - Non-domestic/Commercial	81.66	90.32	92.89	264.870
Category III (A & B) - Industrial	79.65	84.17	85.03	248.850
Category IV - Cottage Industries & Dhobighats	1.94	2.07	1.80	5.810
Category V - Irrigation and Agriculture	357.49	387.98	258.76	1004.234
Category VI - Local Bodies, St. Lighting & PWS	36.74	32.52	31.61	100.870
Category VII (A & B) - General Purpose	4.30	3.86	3.38	11.540
Category VIII-Temporary Supply	0.06	0.04	0.04	0.140
HT Category at 11 KV	105.273	117.775	106.673	329.721
HT-I Industry Segregated	55.94	62.76	60.89	179.596
HT-IB - Ferro Alloys	-	-	-	0.000
HT-II Industrial Non-Segregated	18.27	27.33	26.37	71.966
HT-III Aviation Activity at Airports	-	-	-	0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	3.82	2.10	1.04	6.964
HT-VI Townships and Residential Colonies	1.92	2.09	2.10	6.106
RESCOs	25.32	23.50	16.27	65.090
Temporary Supply	-	-	-	0.000
HT Category at 33 KV	146.385	161.087	161.364	468.836
HT-I Industry Segregated	135.00	150.54	150.79	436.333
HT-IB - Ferro Alloys	7.35	5.93	5.34	18.618
HT-II Industrial Non-Segregated	3.30	4.41	5.08	12.794
HT-III Aviation Activity at Airports	-	-	-	0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	0.69	0.14	0.08	0.906
HT-VI Townships and Residential Colonies	0.05	0.06	0.07	0.184
RESCOs	-	-	-	0.000
Temporary Supply	-	-	-	0.000
HT Category at 132 KV	129.932	135.738	131.743	397.413
HT-I Industry Segregated	89.04	89.10	86.35	264.486
HT-IB - Ferro Alloys	-	2.98	3.34	6.318
HT-II Industrial Non-Segregated	-	-	-	0.000
HT-III Aviation Activity at Airports	-	-	-	0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	-	-	-	0.000
HT-V Railway Traction	40.89	43.66	42.06	126.610
HT-VI Townships and Residential Colonies	-	-	-	0.000
RESCOs	-	-	-	0.000
Temporary Supply	-	-	-	0.000
Total	1286.590	1410.850	1299.624	3997.064
HT-I Industry Segregated	279.98	302.40	298.03	880.41
HT-IB - Ferro Alloys	7.35	8.91	8.68	24.94
HT-II Industrial Non-Segregated	21.57	31.74	31.45	84.76
HT-III Aviation Activity at Airports	0.00	0.00	0.00	0.00
HT-IV Govt. Lift Irrigation Schemes & Agriculture	4.51	2.24	1.12	7.87
HT-V Railway Traction	40.890	43.660	42.060	126.610
HT-VI Townships and Residential Colonies	1.970	2.150	2.170	6.290
RESCOs	25.320	23.500	16.270	65.090
Temporary Supply	0.000	0.000	0.000	0.000
HT Total	381.59	414.60	399.78	1195.97
Cat V - Irrig & Agri - (Actuals)	357.490	467.270	295.040	1119.800
Cat V - Irrig & Agri - (Tariff Order)	391.916	387.980	258.764	1038.660
Least of the Actual or Tariff order	357.49	387.98	258.76	1004.234
SALES EXCL. AGRIL SALES	929.10	1022.87	1040.86	2992.83

ANNEXURE -II

**Category-wise, month-wise & voltage-wise kWh sales
of APNPDCL for 1st quarter of FY: 2012-13**

Sales / Forecast Sales (MU)	April	May	June	Total
LT Category (North)	578.508	434.159	488.224	1500.890
Category I Domestic	190.809	160.989	249.210	601.008
Category II - Non-domestic/Commercial	40.413	37.212	51.190	128.815
Category III (A & B) - Industrial	25.435	25.077	27.710	78.222
Category IV - Cottage Industries & Dhobighats	0.702	0.503	0.675	1.880
Category V - Irrigation and Agriculture	291.602	182.146	132.523	606.270
Category VI - Local Bodies, St. Lighting & PWS	26.759	26.333	24.619	77.711
Category VII (A & B) - General Purpose	2.788	1.899	2.297	6.984
Category VIII-Temporary Supply	0.000	0.000	0.000	0.000
HT Category at 11 KV	102.116	83.414	82.842	268.372
HT-I Industry Segregated	36.68	34.49	33.04	104.214
HT-IB - Ferro Alloys				0.000
HT-II Industrial Non-Segregated	7.62	7.91	8.10	23.627
HT-III Aviation Activity at Airports				0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	3.94	2.36	1.36	7.665
HT-VI Townships and Residential Colonies	1.961	2.065	2.827	6.853
RESCOs	51.913	36.584	37.517	126.014
Temporary Supply				0.000
HT Category at 33 KV	19.057	18.495	20.224	57.776
HT-I Industry Segregated	15.987	15.580	17.077	48.644
HT-IB - Ferro Alloys				0.000
HT-II Industrial Non-Segregated	0.076	0.097	0.125	0.298
HT-III Aviation Activity at Airports				0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	0.463	0.253	0.334	1.050
HT-VI Townships and Residential Colonies	2.530	2.566	2.687	7.783
RESCOs				0.000
Temporary Supply				0.000
HT Category at 132 KV	94.054	89.042	91.173	274.269
HT-I Industry Segregated	47.574	40.861	46.621	135.056
HT-IB - Ferro Alloys				0.000
HT-II Industrial Non-Segregated	0.003	4.845	5.201	10.050
HT-III Aviation Activity at Airports				0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	5.956	0.906	0.878	7.739
HT-V Railway Traction	35.681	36.221	37.065	108.967
HT-VI Townships and Residential Colonies	4.840	6.209	1.408	12.457
RESCOs				0.000
Temporary Supply				0.000
Total	793.734	625.111	682.462	2101.307

HT-I Industry Segregated	100.24	90.93	96.74	287.91
HT-IB - Ferro Alloys	0.00	0.00	0.00	0.00
HT-II Industrial Non-Segregated	7.70	12.86	13.42	33.98
HT-III Aviation Activity at Airports	0.00	0.00	0.00	0.00
HT-IV Govt. Lift Irrigation Schemes & Agriculture	10.36	3.52	2.57	16.45
HT-V Railway Traction	35.681	36.221	37.065	108.967
HT-VI Townships and Residential Colonies	9.332	10.840	6.922	27.093
RESCOs	51.913	36.584	37.517	126.014
Temporary Supply				0.000
HT Total	215.23	190.95	194.24	600.42

Cat V - Irrig & Agri - (Actuals)	351.130	202.594	144.816	698.540
Cat V - Irrig & Agri - (Tariff Order)	291.602	182.146	132.523	606.270
Least of the Actual or Tariff order	291.60	182.15	132.52	606.270
SALES EXCL. AGRL SALES	502.13	442.96	549.94	1495.04

ANNEXURE -II

**Category-wise, month-wise & voltage-wise kWh sales
of ALL DISCOMs for 1st quarter of FY: 2012-13**

Sales / Forecast Sales (MU)	April	May	June	Total
LT Category (Combined)	3651.071	3618.005	3271.764	10540.839
Category I Domestic	1428.120	1522.834	1545.513	4496.467
Category II - Non-domestic/Commercial	368.481	393.519	370.637	1132.637
Category III (A & B) - Industrial	248.927	262.782	249.110	760.819
Category IV - Cottage Industries & Dhobighats	4.131	4.170	4.083	12.385
Category V - Irrigation and Agriculture	1438.885	1280.205	954.100	3673.190
Category VI - Local Bodies, St. Lighting & PWS	145.714	140.109	134.166	419.989
Category VII (A & B) - General Purpose	16.581	14.187	13.974	44.742
Category VIII-Temporary Supply	0.232	0.199	0.180	0.611
HT Category at 11 KV	665.485	686.630	652.883	2004.998
HT-I Industry Segregated	381.727	400.508	383.626	1165.861
HT-IB - Ferro Alloys	0.784	0.710	0.762	2.257
HT-II Industrial Non-Segregated	152.071	176.324	168.424	496.819
HT-III Aviation Activity at Airports	0.000	0.000	0.000	0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	16.529	12.224	8.885	37.637
HT-VI Townships and Residential Colonies	13.269	13.916	15.055	42.239
RESCOs	98.126	80.028	73.255	251.409
Temporary Supply	2.979	2.921	2.876	8.776
HT Category at 33 KV	688.229	724.012	720.197	2132.438
HT-I Industry Segregated	594.829	626.184	620.537	1841.549
HT-IB - Ferro Alloys	26.483	26.977	24.978	78.438
HT-II Industrial Non-Segregated	56.381	61.683	62.833	180.897
HT-III Aviation Activity at Airports	0.000	0.000	0.000	0.000
HT-IV Govt. Lift Irrigation Schemes & Agriculture	4.488	2.887	5.334	12.709
HT-VI Townships and Residential Colonies	6.015	6.245	6.515	18.775
RESCOs	0.000	0.000	0.000	0.000
Temporary Supply	0.034	0.035	0.000	0.069
HT Category at 132 KV	771.647	759.071	727.578	2258.296
HT-I Industry Segregated	564.854	568.618	546.861	1680.332
HT-IB - Ferro Alloys	9.962	11.664	18.613	40.239
HT-II Industrial Non-Segregated	9.345	13.995	14.655	37.995
HT-III Aviation Activity at Airports	4.943	5.198	5.604	15.745
HT-IV Govt. Lift Irrigation Schemes & Agriculture	38.818	10.921	2.634	52.373
HT-V Railway Traction	138.884	142.467	137.803	419.154
HT-VI Townships and Residential Colonies	4.840	6.209	1.408	12.457
RESCOs	0.000	0.000	0.000	0.000
Temporary Supply	0.000	0.000	0.000	0.000
Total	5776.431	5787.718	5372.422	16936.571

Cat V - Irrig & Agri - (Actuals)	1512.280	1394.180	1118.706	4025.166
Cat V - Irrig & Agri - (Tariff Order)	1511.731	1302.825	954.100	3768.656
Least of the Actual or Tariff order	1438.885	1280.205	954.100	3673.190
SALES EXCL. AGRL SALES	4337.55	4507.51	4418.32	13263.38

EPDCL SALES (Excl. AGRL)	860.07	895.90	864.22	2620.19
CPDCL SALES (Excl. AGRL)	2046.24	2145.78	1963.30	6155.33
SPDCL SALES (Excl. AGRL)	929.10	1022.87	1040.86	2992.83
EPDCL SALES (Excl. AGRL)	502.13	442.96	549.94	1495.04
EPDCL SALES (Excl. AGRL)	4337.55	4507.51	4418.32	13263.38

Station	Energy Dispatch (APERC-in MU)	Actual Energy Purchased (Kwh)	Actual Variable Cost	Actual VC/Kwh	Energy not considered for FSA (Kwh)	Ei (Actual Energy in Kwh)	Variable Cost in Rs.	Actual VC/Kwh	ACTUAL - FC (in Rs.)	Prior Period Exp in Rs.
NCEs	69.4558	96974798	326339369	3.37	0	96974798	326339369	3.37	0	0
NPC Kaiga - I & II	63.7317	66141489	197987933	2.99	0	66141489	193071306	2.92	0	-164213135
NPC Kaiga - III & IV	63.7317	68049284	211107423	3.10	0	68049284	208496630	3.06	0	0
NPC-MAPS	17.5892	16385085	32727582	2.00	0	16385085	31917585	1.95	0	0
NTPC(ER) - Farakka	-	0	0	0.00	0	0	0	0.00	0	0
NTPC(ER)-Kahalgaon	-	0	0	0.00	0	0	0	0.00	0	4222
NTPC(ER)-Talcher-I	-	0	0	0.00	0	0	0	0.00	0	0
LVS	-	0	0	0.00	0	0	0	0.00	24469586	0
APGE-Hydel	291.17508	161717128	0	0.00	0	161717128	0	0.00	977000000	0
NTPC(SR)	463.53600	437123539	651751197	1.49	0	437123539	651751197	1.49	244666540	8237582
NTPC-Talcher-ST II	287.52500	275450497	421990161	1.53	0	275450497	421990161	1.53	202040477	-13317297
Kakatiya Stage-I	299.70000	325861100	531678422	1.63	0	299700000	488993694	1.63	575125000	422175120
KTPS(ABC)	397.89792	383895000	657531025	1.71	0	383895000	657531025	1.71	304266667	509740416
KTPS VI	306.36000	323955000	592565868	1.83	0	323955000	592565868	1.83	494983333	1180845806
NTPC(SR) ST III	117.00000	100627119	184650763	1.83	0	100627119	184650763	1.83	93936993	-11596588
KTPS V (D)	301.39200	232411500	439288471	1.89	0	232411500	439288471	1.89	183525000	297845346
NLC ST-I	66.79420	69379258	132480594	1.91	0	69379258	132480594	1.91	45264934	70203635
NLC ST-II	117.17500	124588860	237926418	1.91	0	124588860	237926418	1.91	78464986	0
Reliance (BSES)	100.08224	100320560	193733956	1.93	0	100320560	193733956	1.93	136989476	0
Gautami	94.32143	158276206	318558473	2.01	0	158276206	318558473	2.01	272478656	0
GVK	94.44635	122334494	248355019	2.03	0	122334494	248355019	2.03	83975782	0
SPGL	92.71251	96208629	196500858	2.04	0	96208629	196500858	2.04	79115194	9533838
APGPCL ST-II	18.60979	20712926	42875757	2.07	0	20712926	42875757	2.07	4754257	0
LANCO (Kondapalli)	145.29389	184411806	382559750	2.07	0	184411806	382559750	2.07	280298503	0
NTPC-Simhadri -II	174.00000	136186888	285175343	2.09	0	136186888	285175343	2.09	213267711	20698058
NTPC-Simhadri -I	640.00000	639577000	1349507470	2.11	0	639577000	1349507470	2.11	619902385	99467098
RTS-B	34.80750	28475100	61802123	2.17	0	28475100	61802123	2.17	43241667	80447991
VTPS(I,II,III)	758.83500	763919000	1760149516	2.30	0	763919000	1760149516	2.30	402783333	1741697674
APGPCL ST-I	5.53288	9870310	22997822	2.33	0	9870310	22997822	2.33	1826253	0
GMR-Rajahmundry	-	4210613	10273895	2.44	0	4210613	10273895	2.44	0	0
Srivathsa	12.00000	4322748	10856799	2.51	0	4322748	10748231	2.49	3955408	0
Konaseema	90.28264	169630284	525052270	3.20	0	169630284	535260312	3.16	255716680	0
RTPP-ST II	253.16928	258082000	843871289	3.27	0	258082000	843871289	3.27	353900000	1109936360
RTPP-I	250.41744	235418000	769765002	3.27	0	235418000	769765002	3.27	186716667	1081322928
RTPP -ST III	126.58464	120398331	393676021	3.27	0	120398331	393676021	3.27	268091667	526585573
VTPS IV	312.07500	307814000	1036192954	3.37	0	307814000	1036192954	3.37	436283333	2413364904
Vemagiri	78.38278	161649332	553391329	3.42	0	161649332	543633814	3.36	213240602	0
GVK-Extension	44.71136	133547055	652484508	4.89	0	133547055	649037893	4.86	1246041640	0
PGCIL	-	0	0	0.00	0	0	0	-	0	0
Posoco	-	0	0	0.00	0	0	0	-	0	0
APTRANSCO-TR	-	0	0	0.00	0	0	0	-	0	0
APTRANSCO-SLDC	-	0	0	0.00	0	0	0	-	0	0
Other sources	922.08840									
A.P.Paper Mills	-	0	0	0.00	0	0	0	-	0	0
SITAPURAM	-	0	0	0.00	0	0	0	-	0	0
Vennar Ceramics	-	0	0	0.00	0	0	0	-	0	0
Madhucon Sugars Ltd	-	0	0	0.00	0	0	0	-	0	0
Navabharat Ventures	-	0	0	0.00	0	0	0	-	0	0
Silk Road Sugars	-	0	0	0.00	0	0	0	-	0	0
JSWPTC	-	0	0	0.00	0	0	0	-	0	0

Station	Energy Dispatch (APERC-in MU)	Actual Energy Purchased (Kwh)	Actual Variable Cost	Actual VC/Kwh	Energy not considered for FSA (Kwh)	Ei (Actual Energy in Kwh)	Variable Cost in Rs.	Actual VC/Kwh	ACTUAL - FC (in Rs.)	Prior Period Exp in Rs.
Adani	-	0	0	0.00	0	0	0	-	0	0
Kesoram Cements	-	0	0	0.00	0	0	0	-	0	0
Penna cements	-	0	0	0.00	0	0	0	-	0	0
Shalivahana MSW Ltd.,	-	0	0	0.00	0	0	0	-	0	0
Sri Sai Sindhu	-	0	0	0.00	0	0	0	-	0	0
MP Power Trading	-	0	0	0.00	0	0	0	-	0	0
Indian Energy Exchange Ltd	-	0	0	0.00	0	0	0	-	0	0
Govt. of Sikkim	-	20324578	60973734	3.00	0	20324578	60973734	3.00	0	0
Mittal Processors	-	16800000	50400000	3.00	0	16800000	39955719	2.38	0	0
Manihamsa	-	645176	2193597	3.40	0	645176	2149725	3.33	0	0
RVk Energy	-	2888803	9821930	3.40	0	2888803	9625492	3.33	0	0
Sirius Overseas	-	1463750	4976750	3.40	0	1463750	4877215	3.33	0	0
SRIBA INDUSTRIES LTD	-	4430000	15062000	3.40	0	4430000	14760760	3.33	0	0
Sri lalitha	-	777367	2643048	3.40	0	777367	2590187	3.33	0	0
Steel Exchange	-	1450298	4931015	3.40	0	1450298	4832394	3.33	0	0
Kusalava Power	-	477615	1623891	3.40	0	477615	1623891	3.40	0	0
Maa Mahamaya Industries	-	1795500	6104700	3.40	0	1795500	6104700	3.40	0	0
Luxmi Tulasi	-	792256	2693670	3.40	0	792256	2693670	3.40	0	0
UI-NTPC simhadri	-	8548742	32028110	3.75	0	0	0	3.75	0	0
Venkataraaya	-	349225	1484207	4.25	0	349225	1454523	4.17	0	0
M/s NTPC (NVVNL)	-	118598540	523497695	4.41	0	118598540	493963268	4.17	0	0
UI-SRPC	-	23762518	107406581	4.52	0	0	0	4.17	0	0
Reliance Energy	-	50994831	245795085	4.82	0	50994831	212393621	4.17	0	0
GMR ENER.TRAD.LTD	-	71582170	354331742	4.95	0	71582170	298139948	4.17	0	0
PTC India Ltd	-	126035347	631419154	5.01	0	126035347	524937591	4.17	0	0
Knowledge Infrastructure	-	37222433	187405081	5.03	0	37222433	155031543	4.17	0	0
Instinct	-	8110320	41119322	5.07	0	8110320	33779507	4.17	0	0
TATA Power	-	39989434	207062724	5.18	0	39989434	166556110	4.17	0	0
Shree Cements	-	51416954	267574110	5.20	0	41719007	173759786	4.17	0	0
Lanco El. Utility Ltd.,	-	114936587	600313460	5.22	0	0	0	4.17	0	0
Global Energy Ltd.,	-	83582730	449675087	5.38	0	0	0	4.17	0	0
NCS Sugars	-	7084069	38962380	5.50	0	0	0	4.17	0	0
Power Exchange Ltd	-	3045	16748	5.50	0	0	0	4.17	0	0
Aravali	-	63372770	424711461	6.70	0	0	0	4.17	0	0
STOA									0	0
TOTAL	7111.41680	7189598839	18508512272	2.57	0	6858210489.03	16431881964	2.3959	8326322729	9382979531
Calculation of FSA as per APERC										
Quantity of Power purchase after grossing up actual sales (kWh)						6858210489				
Variable cost (Actuals) - Rs/Crs						1643.1882				
Fixed cost admitted						832.6323				
Fixed cost as per TO						709.5733				
Variance in Fixed Cost (Fci) - (Rs. Crs.)						123.0589				
Prior Period Expenditure - (Z) (Rs. Crs.)						938.30				

FSA for the month May'12

Annexure-III

Station	Energy Dispatch (APEREC-in MU)	Actual Energy Purchased (Kwh)	Actual Variable Cost	Actual VC/Kwh	Ei (Actual Energy in Kwh)	Variable Cost in Rs.	Actual VC/Kwh	ACTUAL - FC (in Rs.)	Prior Period Exp in Rs.
NCEs	92.438	109655964	423558908	3.86	109655964	423558908	3.86	0	2017528093
NPC Kaiga - I & II	68.565	68557699	205845138	3.00	68557699	200733289	2.93	0	-67781682
NPC Kaiga - III & IV	68.565	71262321	213988590	3.00	71262321	208674507	2.93	0	0
NPC-MAPS	18.771	19383631	38728639	2.00	19383631	37770115	1.95	0	0
NTPC(ER) - Farakka	-	-	-	-	-	-	-	0	-196372
NTPC(ER)-Kahalgaoon	-	-	-	-	-	-	-	0	7494361
NTPC(ER)-Talcher-I	-	-	-	-	-	-	-	0	-306251
LVS	-	-	-	-	-	-	-	30586982	0
APGE-Hydel	176.60	170191641	-	-	170191641	-	-	977000000	0
NTPC(SR)	473.976	465319689	778014520	1.67	465319689	778014520	1.67	259958450	18850830
Kakatiya Stage-I	309.690	315706800	533081430	1.69	315706800	533081430	1.69	575125000	0
NTPC-Talcher-ST II	297.073	276221925	471510826	1.71	276221925	471510826	1.71	208604072	0
KTPS(ABC)	411.161	371596000	676633813	1.82	371596000	85	1.82	304266667	0
KTPS V (D)	311.438	326473700	610104833	1.87	326473700	610104833	1.87	183525000	0
NLC ST-II	116.085	129813934	257139690	1.98	129813934	257139690	1.98	81485891	0
NLC ST-I	69.568	68029990	134874569	1.98	68029990	134874569	1.98	42851346	0
Reliance (BSES)	100.925	92607114	184497918	1.99	92607114	184497918	1.99	143450399	-60272400
APGPCL ST-II	19.230	19759558	39519116	2.00	19759558	39519116	2.00	5927867	0
NTPC-Simhadri -I	661.000	686199750	1388301623	2.02	686199750	1388301623	2.02	655592421	56604000
NTPC-Simhadri -II	180.000	143812709	291888575	2.03	143812709	291888575	2.03	224357701	0
NTPC(SR) ST III	121.000	118406350	246403614	2.08	118406350	246403614	2.08	107883842	173587813
GVK	77.901	114487384	238797760	2.09	114487384	238797760	2.09	87958713	0
Gautami	97.465	148996367	310980995	2.09	148996367	310980995	2.09	291713490	0
SPGL	94.287	93591997	196869339	2.10	93591997	196869339	2.10	83267666	0
KTPS VI	316.572	329563000	699003924	2.12	329563000	699003924	2.12	494983333	0
LANCO	165.095	191107954	412765925	2.16	191107954	412765925	2.16	297277037	0
RTS-B	35.968	37625000	81780914	2.17	37625000	81780914	2.17	43241667	0
APGPCL ST-I	5.716	8882807	20696940	2.33	8882807	20696940	2.33	1688524	0
GMR-Rajahmundry	0	6753218	16477851	2.44	6753218	16065905	2.38	0	
VTPS(I,II,III)	784.130	813130000	1986764377	2.44	813130000	1986764377	2.44	402783333	0
Srivathsa	12.000	3479774	9119315	2.62	3479774	9028122	2.59	3131484	
VTPS IV	322.478	323712000	890435557	2.75	323712000	890435557	2.75	436283333	0
Konaseema	93.292	148181317	451292085	3.02	148181317	433191163	2.92	266992951	0
Vemagiri	77.713	136912189	420868412	3.13	136912189	420868412	3.07	223040834	0
RTPP-I	258.765	240040000	808287751	3.37	240040000	808287751	3.37	186716667	0
RTPP-ST II	261.608	268848000	905293057	3.37	268848000	905293057	3.37	353900000	0
RTPP -ST III	130.804	126396677	425616089	3.37	126396677	425616089	3.37	268091667	0
GVK-Extension	46.202	107372548	472677730	4.40	107372548	465749534	4.34	129391976	-157917517
PGCIL	0	0	0	0.00	0	0	0.00	0	0
Posoco	0	0	0	0.00	0	0	0.00	0	0
APTRANSCO-TR	0	0	0	0.00	0	0	0.00	0	0
APTRANSCO-SLDC	0	0	0	0.00	0	0	0.00	0	0
Other sources	678.1747								
A.P.Paper Mills	0	0	0	0.00	0	0	0.00	0	0
SITAPURAM	0	0	0	0.00	0	0	0.00	0	0
Vennar Ceramics	0	0	0	0.00	0	0	0.00	0	0
Madhucon Sugars Ltd	0	0	0	0.00	0	0	0.00	0	0
Navabharat Ventures	0	0	0	0.00	0	0	0.00	0	0
Silk Road Sugars	0	0	0	0.00	0	0	0.00	0	0
JSWPTC	0	0	0	0.00	0	0	0.00	0	0
Adani	0	0	0	0.00	0	0	0.00	0	0
Kesoram Cements	0	0	0	0.00	0	0	0.00	0	0
Penna cements	0	0	0	0.00	0	0	0.00	0	0
Shalivahana MSW Ltd.,	0	0	0	0.00	0	0	0.00	0	0
Govt. of Sikkim	0	0	0	0.00	0	0	0.00	0	0
Sri Sai Sindhu	0	0	0	0.00	0	0	0.00	0	0
MP Power Trading	0	0	0	0.00	0	0	0.00	0	0
Indian Energy Exchange Ltd	0	0	0	0.00	0	0	0.00	0	0

Station	Energy Dispatch (APERC-in MU)	Actual Energy Purchased (Kwh)	Actual Variable Cost	Actual VC/Kwh	Ei (Actual Energy in Kwh)	Variable Cost in Rs.	Actual VC/Kwh	ACTUAL - FC (in Rs.)	Prior Period Exp in Rs.
Power Exchange Ltd	0	0	0	0.00	0	0	0.00	0	0
Mittal Processors	0	19200000	57600000	3.00	19200000	57600000	3.00	0	0
Sirius Overseas	0	2052200	6977480	3.40	2052200	6837930	3.33	0	0
Steel Exchange	0	1098650	3735410	3.40	1098650	3660702	3.33	0	0
SRIBA INDUSTRIES LTD	0	4031000	13705400	3.40	4031000	13431292	3.33	0	0
Manihamsa	0	678500	2306900	3.40	678500	2260762	3.33	0	0
RVk Energy	0	2928967	9958488	3.40	2928967	9759316	3.33	0	0
Sri lalitha	0	670827	2280812	3.40	670827	2235196	3.33	0	0
Maa Mahamaya Industries	0	1861708	6329808	3.40	1861708	6329808	3.40	0	0
Kusalava Power	0	587070	1996038	3.40	587070	1996038	3.40	0	0
Luxmi Tulasi	0	972300	3305820	3.40	972300	3305820	3.40	0	0
UI-NTPC simhadri	0	11783379	42016400	3.57	0	0	3.57	0	0
Venkataraya	0	584243	2483033	4.25	584243	2433372	4.17	0	0
UI-SRPC	0	30585153	138550741	4.53	0	0	4.53	0	0
M/s NTPC (NVVNL)	0	84951086	400601092	4.72	84951086	392587014	4.62	0	0
Reliance Energy	0	54080128	255258204	4.72	54080128	250049745	4.62	0	0
Knowledge Infrastructure	0	38978907	193966574	4.98	38978907	190087243	4.88	0	0
GMR ENER.TRAD.LTD	0	60377200	298867140	4.95	60377200	298867140	4.95	0	0
Instinct	0	8345082	42309566	5.07	8345082	41463374	4.97	0	0
PTC India Ltd	0	133934219	670916654	5.01	35955972	180114243	5.01	0	0
TATA Power	0	43795351	221847624	5.07	0	0	5.07	0	0
Shree Cements	0	53338107	278968445	5.23	0	0	5.23	0	0
Lanco El. Utility Ltd.,	0	99615202	521385049	5.23	0	0	5.23	0	0
Global Energy Ltd.,	0	86600160	475434878	5.49	0	0	5.49	0	0
NCS Sugars	0	12350423	67927327	5.50	0	0	5.50	0	0
Aravali	0	50818488	288250080	5.67	0	0	5.67	0	0
STOA								0	0
TOTAL	6954.254	7356297357	18881517989	2.57	6869432847	15591288378	2.2697	7371078312	1987590875

Calculation of FSA as per APERC

Quantity of Power purchase after grossing up actual sales (kWh)	6869432847
Variable cost (Actuals) - Rs/Crs	1559.1288
Fixed cost admitted	737.1078
Fixed cost as per TO	709.5733
Variance in Fixed Cost (Fci) - (Rs. Crs.)	27.5345
Prior Period Expenditure - (Z) (Rs. Crs.)	198.76

Station	Energy Dispatch (APERC-in MU)	Actual Energy Purchased (Kwh)	Actual Variable Cost	Actual VC/Kwh	Ei (Actual Energy in Kwh)	Variable Cost in Rs.	Actual VC/Kwh	ACTUAL - FC (in Rs.)	Prior Period Exp in Rs.
NCEs	107.7603	133686029	498962186	3.73	133686029	498962186	3.73	0	0
NPC Kaiga - I& II	67.6119	64036177	192230282	3.00	64036177	192230282	3.00	0	32358559
NPC Kaiga - III & IV	67.6119	75852640	227707160	3.00	75852640	227707160	3.00	0	0
NPC-MAPS	19.0000	19996885	39963847	2.00	19996885	38974749	1.95	0	0
NTPC(ER) - Farakka	-	0	0	0.00	0	0	-	139963	
NTPC(ER)-Kahalgaon	-	0	0	0.00	0	0	-	0	2536
NTPC(ER)-Talcher-I	-	0	0	0.00	0	0	-	0	9996619
LVS	-	0	0	0.00	0	0	-	31606548	0
APGE-Hydel	171.0793	143411396	0	0.00	143411396	0	-	977000000	298631594
NTPC(SR)	457.9680	389721694	610594833	1.57	389721694	610594833	1.57	220606899	0
NTPC-Talcher-ST II	215.6980	214691636	348444525	1.62	214691636	348444525	1.62	182426455	113593
Kakatiya Stage-I	299.7000	328975400	572646803	1.74	328975400	572646803	1.74	575125000	0
KTPS V (D)	226.0440	304789200	549389613	1.80	304789200	549389613	1.80	183525000	0
KTPS(ABC)	381.3188	351600000	655695812	1.86	351600000	655695812	1.86	304266667	32150734
NTPC(SR) ST III	117.0000	105955442	201327790	1.90	105955442	201327790	1.90	99447241	0
KTPS VI	306.3600	311310000	595350822	1.91	311310000	595350822	1.91	494983333	1331567267
NLC ST-I	60.1788	68681194	136458462	1.99	68681194	136458462	1.99	43832419	0
NLC ST-II	117.1750	111721133	222297469	1.99	111721133	222297469	1.99	70592762	0
APGPCL ST-II	18.6098	19566075	39132150	2.00	19566075	39132150	2.00	5869823	0
Reliance	100.0822	77475166	162729187	2.10	77475166	162729187	2.10	134982550	-56949204
Gautami	94.3214	120610847	255143905	2.12	120610847	255143905	2.12	270918015	-775159385
NTPC-Simhadri -II	174.0000	71387404	151711205	2.13	71387404	151711205	2.13	158590108	0
NTPC-Simhadri -I	640.0000	598243500	1300246995	2.17	598243500	1300246995	2.17	594500997	0
GVK	97.2039	100598576	222387220	2.21	100598576	222387220	2.21	86765176	0
SPGL	91.5367	90132976	199562385	2.21	90132976	199562385	2.21	82641144	0
RTS-B	34.8075	40027500	89437866	2.23	40027500	89437866	2.23	43241667	6509774
LANCO	159.3801	171386726	386428873	2.25	171386726	386428873	2.25	291666625	0
Vemagiri	75.2059	103340625	239206868	2.31	103340625	233515217	2.26	215929534	0
Konaseema	90.2826	109693635	259339068	2.34	109693635	248307247	2.26	258791805	-918215059
APGPCL ST-I	3.6084	8681410	20214615	2.33	8681410	20214615	2.33	1662655	0
GMR-Rajahmundry	0	8777738	21417680	2.44	8777738	20882238	2.38	0	0
GVK-Extension	44.7114	60379232	166082272	2.75	60379232	162501048	2.69	124964314	0
Srivathsa	12.0000	3365026	9153476	2.72	3365026	9061941	2.69	3028220	0
VTPS(I,II,III)	695.3688	773814000	2261231027	2.92	773814000	2261231027	2.92	402783333	271833644
VTPS IV	312.0750	330092000	1015744954	3.08	330092000	1015744954	3.08	436283333	183187568
RTPP-I	250.4174	113510000	358108190	3.15	113510000	358108190	3.15	186716667	60550044
RTPP-ST II	253.1693	267513000	843966137	3.15	267513000	843966137	3.15	353900000	99364330
RTPP -ST III	126.5846	128055620	403997588	3.15	128055620	403997588	3.15	268091667	6879532
PGCIL	-	0	0	0.00	0	0	-	0	0
Posoco	-	0	0	0.00	0	0	-	0	0
APTRANSCO-TR	-	0	0	0.00	0	0	-	0	0
APTRANSCO-SLDC	-	0	0	0.00	0	0	-	0	0
Other sources	1012.8750				0				
A.P.Paper Mills	-	0	0	0.00	0	0	-	0	0
SITAPURAM	-	0	0	0.00	0	0	-	0	0
Vennar Ceramics	-	0	0	0.00	0	0	-	0	0
Madhucon Sugars Ltd	-	0	0	0.00	0	0	-	0	0
Navabharat Ventures	-	0	0	0.00	0	0	-	0	0
Global Energy Ltd.,	-	0	0	0.00	0	0	-	0	0
Silk Road Sugars	-	0	0	0.00	0	0	-	0	0
Adani	-	0	0	0.00	0	0	-	0	0
Kesoram Cements	-	0	0	0.00	0	0	-	0	0
Penna cements	-	0	0	0.00	0	0	-	0	0

Station	Energy Dispatch (APERC-in MU)	Actual Energy Purchased (Kwh)	Actual Variable Cost	Actual VC/Kwh	Ei (Actual Energy in Kwh)	Variable Cost in Rs.	Actual VC/Kwh	ACTUAL - FC (in Rs.)	Prior Period Exp in Rs.
Shalivahana MSW Ltd.,	-	0	0	0.00	0	0	-	0	0
Govt. of Sikkim	-	0	0	0.00	0	0	-	0	0
Sri Sai Sindhu	-	0	0	0.00	0	0	-	0	0
MP Power Trading	-	0	0	0.00	0	0	-	0	0
NCS Sugars	-	0	0	0.00	0	0	-	0	0
Aravali	-	0	0	0.00	0	0	-	0	0
Instinct	-	0	0	0.00	0	0	-	0	0
Shree Cements	-	0	0	0.00	0	0	-	0	0
Mittal Processors	-	9720000	29160000	3.00	9720000	29160000	3.00	0	0
Sri lalitha	-	767999	2611197	3.40	767999	2338631	3.05	0	0
M/s NTPC (NVVNL)	-	15855489	53572696	3.38	15855489	52501242	3.31	0	0
RVk Energy	-	2623458	8919757	3.40	2623458	8741362	3.33	0	0
Manihamsa	-	503180	1710812	3.40	503180	1676596	3.33	0	0
Steel Exchange	-	996805	3389137	3.40	996805	3321354	3.33	0	0
SRIBA INDUSTRIES LTD	-	4051000	13773400	3.40	4051000	13497932	3.33	0	0
Sirius Overseas	-	2149992	7310320	3.40	2149992	7158040	3.33	0	0
Maa Mahamaya Industries	-	1652811	5619557	3.40	1652811	5619557	3.40	0	0
Kusalava Power	-	683240	2323016	3.40	683240	2323016	3.40	0	0
Luxmi Tulasi	-	1788600	6081240	3.40	1788600	6081240	3.40	0	0
UI-NTPC simhadri	-	5649634	21179831	3.75	0	0	3.75	0	0
Venkatraya	-	476950	2146275	4.50	476950	2041150	4.28	0	0
GMR ENER. TRAD. LTD	-	53062902	238783059	4.50	53062902	238783059	4.50	0	0
UI-SRPC	-	25636151	120746271	4.71	0	0	4.71	0	0
Indian Energy Exchange Ltd	-	117731199	566067285	4.81	117731199	566067285	4.81	0	0
Reliance Energy	-	43451250	217256250	5.00	43451250	212911125	4.90	0	0
TATA Power	-	42174000	206652600	4.90	42174000	206652600	4.90	0	0
Knowledge Infrastructure	-	5094538	25472690	5.00	5094538	24963236	4.90	0	0
Power Exchange Ltd	-	20408618	102113654	5.00	20408618	102113654	5.00	0	0
PTC India Ltd	-	97608536	522864581	5.36	97608536	522864581	5.36	0	0
Lanco El. Utility Ltd.,	-	78277550	427395423	5.46	78277550	418847515	5.35	0	0
JSWPTC	-	200892250	1106916298	5.51	36358713	199972923	5.50	0	0
STOA								0	0
TOTAL	6900.7461	6552336034	16948376614	173.386	6356516712	15862026592	2.4954	7104879921	582822146

Calculation of FSA as per APERC

Quantity of Power purchase after grossing up actual sales (kWh)	6356516712
Variable cost (Actuals) - Rs/Crs	1586.2027
Fixed cost admitted	710.4880
Fixed cost as per TO	709.5733
Variance in Fixed Cost (Fci) - (Rs. Crs.)	0.9147
Prior Period Expenditure - (Z) (Rs. Crs.)	58.28

Annexure -IV

POWER PURCHASE (IN MU) WITH Actual SALES, Adju Agrl. and Normative LOSSES
ARR filing Power Purchase, Losses (MYT) & Sales (in MU) for FY 2012-13

FY 2012-13	Voltage	Apr-12	Voltage	Sales	LT	11kV	33kV	132kV
EPDCL	L.T.	5.13%	L.T.	572.39	603.34	630.26	652.91	680.54
15.80%	11kV	4.27%	11kV	130.64		136.47	141.37	147.36
	33kV	3.47%	33kV	82.05			85.00	88.60
CGS (MU)	132kV	4.06%	132kV	233.95				243.85
182.92	PGCIL	4.98%	TOTAL	1019.03	603.34	766.72	879.29	1160.35
% Loss up to said voltage :					5.13%	8.31%	10.71%	12.18%
						D. Loss:	94.20	
						T. Loss	47.11	
						PGC Loss	9.11	1169.45
Loss(MU) & % Loss incl.PGCIL :						TOTAL	150.42	12.86%

FY 2012-13	Voltage	May-12	Voltage	Sales	LT	11kV	33kV	132kV
EPDCL	L.T.	5.13%	L.T.	574.26	605.31	632.31	655.04	682.76
15.80%	11kV	4.27%	11kV	130.93		136.77	141.69	147.69
	33kV	3.47%	33kV	82.19			85.15	88.75
CGS (MU)	132kV	4.06%	132kV	253.98				264.73
192.29	PGCIL	4.98%	TOTAL	1041.36	605.31	769.08	881.88	1183.93
% Loss up to said voltage :					5.13%	8.31%	10.72%	12.04%
						D. Loss:	94.49	
						T. Loss	48.07	
						PGC Loss	9.58	1193.50
Loss(MU) & % Loss incl.PGCIL :						TOTAL	152.14	12.75%

FY 2012-13	Voltage	Jun-12	Voltage	Sales	LT	11kV	33kV	132kV
EPDCL	L.T.	5.13%	L.T.	530.90	559.61	584.57	605.59	631.21
15.80%	11kV	4.27%	11kV	116.33		121.52	125.89	131.22
	33kV	3.47%	33kV	85.51			88.58	92.33
CGS (MU)	132kV	4.06%	132kV	222.58				232.00
166.00	PGCIL	4.98%	TOTAL	955.32	559.61	706.09	820.06	1086.76
% Loss up to said voltage :					5.13%	8.34%	10.65%	12.09%
						D. Loss:	87.31	
						T. Loss	44.12	
						PGC Loss	8.27	1095.03
Loss(MU) & % Loss incl.PGCIL :						TOTAL	139.70	12.76%

FY 2012-13	Voltage	3 Months	Voltage	Sales	LT	11kV	33kV	132kV
Quarter	L.T.	5.13%	L.T.	1677.55	1768.26	1847.14	1913.54	1994.51
15.80%	11kV	4.27%	11kV	377.91	-	394.76	408.95	426.26
	33kV	3.47%	33kV	249.76	-	-	258.73	269.68
CGS (MU)	132kV	4.13%	132kV	710.51	-	-	-	740.57
541.21	PGCIL	4.19%	TOTAL	3015.72	1768.26	2241.90	2581.22	3431.03
% Loss up to said voltage :					5.13%	8.32%	10.69%	12.10%
						D. Loss:	276.01	
						T. Loss	139.30	
						PGC Loss	22.68	3453.71
Loss(MU) & % Loss incl.PGCIL :						TOTAL	437.99	12.68%

POWER PURCHASE (IN MU) WITH Actual SALES, Adju Agrl. and Normative LOSSES
ARR filing Power Purchase, Losses (MYT) & Sales (in MU) for FY 2012-13

FY 2012-13	Voltage	Apr-12	Voltage	Sales	LT	11kV	33kV	132kV
CPDCL	L.T.	8.70%	L.T.	1595.17	1747.17	1848.86	1923.89	2005.31
46.06%	11kV	5.50%	11kV	327.46		346.51	360.58	375.84
	33kV	3.90%	33kV	440.73			458.62	478.03
CGS (MU)	132kV	4.06%	132kV	313.71				326.99
533.26	PGCIL	4.98%	TOTAL	2677.07	1747.17	2195.38	2743.09	3186.16
% Loss up to said voltage :					8.70%	12.42%	13.84%	15.98%
						D. Loss:	379.73	
						T. Loss	129.36	
						PGC Loss	26.56	3212.72
Loss(MU) & % Loss incl.PGCIL :					TOTAL	535.64	16.67%	

FY 2012-13	Voltage	May-12	Voltage	Sales	LT	11kV	33kV	132kV
CPDCL	L.T.	8.70%	L.T.	1613.34	1767.0756	1869.92	1945.81	2028.15
46.06%	11kV	5.50%	11kV	354.51		375.14	390.36	406.88
	33kV	3.90%	33kV	462.24			481.00	501.35
CGS (MU)	132kV	4.06%	132kV	280.31				292.17
560.55	PGCIL	4.98%	TOTAL	2710.39	1767.08	2245.06	2817.17	3228.55
% Loss up to said voltage :					8.70%	12.35%	13.74%	16.05%
						D. Loss:	387.08	
						T. Loss	131.08	
						PGC Loss	27.92	3256.47
Loss(MU) & % Loss incl.PGCIL :					TOTAL	546.08	16.77%	

FY 2012-13	Voltage	Jun-12	Voltage	Sales	LT	11kV	33kV	132kV
CPDCL	L.T.	8.70%	L.T.	1352.79	1481.7018	1567.94	1631.57	1700.61
46.06%	11kV	5.50%	11kV	347.04		367.23	382.14	398.31
	33kV	3.90%	33kV	453.10			471.49	491.44
CGS (MU)	132kV	4.06%	132kV	282.08				294.02
483.93	PGCIL	4.98%	TOTAL	2435.01	1481.70	1935.17	2485.19	2884.39
% Loss up to said voltage :					8.70%	12.16%	13.37%	15.58%
						D. Loss:	332.27	
						T. Loss	117.11	
						PGC Loss	24.10	2908.49
Loss(MU) & % Loss incl.PGCIL :					TOTAL	473.47	16.28%	

FY 2012-13	Voltage	3 Months	Voltage	Sales	LT	11kV	33kV	132kV
Quarter	L.T.	8.70%	L.T.	4561.30	4995.95	5286.72	5501.27	5734.07
46.06%	11kV	5.50%	11kV	1029.00	-	1088.89	1133.08	1181.03
	33kV	3.90%	33kV	1356.07	-	-	1411.10	1470.82
CGS (MU)	132kV	4.13%	132kV	876.11	-	-	-	913.18
1577.74	PGCIL	4.19%	TOTAL	7822.48	4995.95	6375.61	8045.45	9299.10
% Loss up to said voltage :					8.70%	12.32%	13.66%	15.88%
						D. Loss:	1099.08	
						T. Loss	377.54	
						PGC Loss	66.11	9365.21
Loss(MU) & % Loss incl.PGCIL :					TOTAL	1542.73	16.47%	

POWER PURCHASE (IN MU) WITH Actual SALES, Adju Agrl. and Normative LOSSES
ARR filing Power Purchase, Losses (MYT) & Sales (in MU) for FY 2012-13

FY 2012-13	Voltage	Apr-12	Voltage	Sales	LT	11kV	33kV	132kV
SPDCL	L.T.	6.30%	L.T.	905.00	965.85	1008.72	1050.75	1095.21
22.27%	11kV	4.25%	11kV	105.27		109.95	114.53	119.37
	33kV	4.00%	33kV	146.38			152.48	158.94
CGS (MU)	132kV	4.06%	132kV	129.93				135.43
257.83	PGCIL	4.98%	TOTAL	1286.59	965.85	1118.66	1317.76	1508.96
% Loss up to said voltage :					6.30%	9.69%	12.23%	14.74%
						D. Loss:	161.10	
						T. Loss	61.26	
						PGC Loss	12.84	1521.80
Loss(MU) & % Loss incl.PGCIL :					TOTAL	235.21	15.46%	

FY 2012-13	Voltage	May-12	Voltage	Sales	LT	11kV	33kV	132kV
SPDCL	L.T.	6.30%	L.T.	996.25	1063.23	1110.43	1156.69	1205.64
22.27%	11kV	4.25%	11kV	117.78		123.00	128.13	133.55
	33kV	4.00%	33kV	161.09			167.80	174.90
CGS (MU)	132kV	4.06%	132kV	135.74				141.48
271.02	PGCIL	4.98%	TOTAL	1410.85	1063.23	1233.43	1452.62	1655.58
% Loss up to said voltage :					6.30%	9.68%	12.22%	14.78%
						D. Loss:	177.51	
						T. Loss	67.22	
						PGC Loss	13.50	1669.07
Loss(MU) & % Loss incl.PGCIL :					TOTAL	258.22	15.47%	

FY 2012-13	Voltage	Jun-12	Voltage	Sales	LT	11kV	33kV	132kV
SPDCL	L.T.	6.30%	L.T.	899.84	960.35	1002.97	1044.76	1088.97
22.27%	11kV	4.25%	11kV	106.67		111.41	116.05	120.96
	33kV	4.00%	33kV	161.36			168.09	175.20
CGS (MU)	132kV	4.06%	132kV	131.74				137.32
233.98	PGCIL	4.98%	TOTAL	1299.62	960.35	1114.38	1328.90	1522.45
% Loss up to said voltage :					6.30%	9.68%	12.12%	14.64%
						D. Loss:	161.02	
						T. Loss	61.81	
						PGC Loss	11.65	1534.11
Loss(MU) & % Loss incl.PGCIL :					TOTAL	234.48	15.28%	

FY 2012-13	Voltage	3 Months	Voltage	Sales	LT	11kV	33kV	132kV
Quarter	L.T.	6.30%	L.T.	2801.09	2989.43	3122.12	3252.21	3389.83
22.27%	11kV	4.25%	11kV	329.72	0.00	344.36	358.70	373.88
	33kV	4.00%	33kV	468.84	0.00	0.00	488.37	509.04
CGS (MU)	132kV	4.13%	132kV	397.41	0.00	0.00	0.00	414.23
762.84	PGCIL	4.19%	TOTAL	3997.06	2989.43	3466.47	4099.28	4686.99
% Loss up to said voltage :					6.30%	9.68%	12.19%	14.72%
						D. Loss:	499.63	
						T. Loss	190.29	
						PGC Loss	31.96	4718.95
Loss(MU) & % Loss incl.PGCIL :					TOTAL	721.88	15.30%	

**POWER PURCHASE (IN MU) WITH Actual SALES, Adju Agrl. and Normative LOSSES
ARR filing Power Purchase, Losses (MYT) & Sales (in MU) for FY 2012-13**

FY 2012-13	Voltage	Apr-12	Voltage	Sales	LT	11kV	33kV	132kV
NPDCCL	L.T.	7.40%	L.T.	578.51	624.74	654.18	681.43	710.27
15.87%	11kV	4.50%	11kV	102.12		106.93	111.38	116.10
	33kV	4.00%	33kV	19.06			19.85	20.69
CGS (MU)	132kV	4.06%	132kV	94.05				98.03
183.73	PGCIL	4.98%	TOTAL	793.73	624.74	761.10	812.67	945.09
% Loss up to said voltage :						10.57%	13.90%	16.02%
						D. Loss:	112.99	
						T. Loss	38.37	
						PGC Loss	9.15	954.24
Loss(MU) & % Loss incl.PGCIL :						TOTAL	160.51	16.82%

FY 2012-13	Voltage	May-12	Voltage	Sales	LT	11kV	33kV	132kV
NPDCCL	L.T.	7.40%	L.T.	434.16	468.8543	490.95	511.40	533.04
15.87%	11kV	4.50%	11kV	83.41		87.34	90.98	94.83
	33kV	4.00%	33kV	18.50			19.27	20.08
CGS (MU)	132kV	4.06%	132kV	89.04				92.81
193.14	PGCIL	4.98%	TOTAL	625.11	468.85	578.29	621.65	740.77
% Loss up to said voltage :						10.50%	13.77%	15.61%
						D. Loss:	85.58	
						T. Loss	30.08	
						PGC Loss	9.62	750.39
Loss(MU) & % Loss incl.PGCIL :						TOTAL	125.28	16.70%

FY 2012-13	Voltage	Jun-12	Voltage	Sales	LT	11kV	33kV	132kV
NPDCCL	L.T.	7.40%	L.T.	488.22	527.2393	552.08	575.09	599.42
15.87%	11kV	4.50%	11kV	82.84		86.75	90.36	94.18
	33kV	4.00%	33kV	20.22			21.07	21.96
CGS (MU)	132kV	4.06%	132kV	91.17				95.03
166.74	PGCIL	4.98%	TOTAL	682.46	527.24	638.83	686.51	810.60
% Loss up to said voltage :						10.61%	13.87%	15.81%
						D. Loss:	95.22	
						T. Loss	32.91	
						PGC Loss	8.30	818.90
Loss(MU) & % Loss incl.PGCIL :						TOTAL	136.44	16.66%

FY 2012-13	Voltage	3 Months	Voltage	Sales	LT	11kV	33kV	132kV
Quarter	L.T.	7.40%	L.T.	1500.89	1620.83	1697.21	1767.92	1842.74
15.87%	11kV	4.50%	11kV	268.37	0.00	281.02	292.73	305.11
	33kV	4.00%	33kV	57.78	0.00	0.00	60.18	62.73
CGS (MU)	132kV	4.13%	132kV	274.27	0.00	0.00	0.00	285.88
	PGCIL	4.19%	TOTAL	2101.31	1620.83	1978.22	2120.83	2496.46
% Loss up to said voltage :						10.56%	13.85%	15.83%
						D. Loss:	293.79	
						T. Loss	101.36	
						PGC Loss	0.00	2496.46
Loss(MU) & % Loss incl.PGCIL :						TOTAL	395.15	15.83%

POWER PURCHASE (IN MU) WITH Actual SALES, Adju Agri. and Normative LOSSES
ARR filing Power Purchase, Losses (MYT) & Sales (in MU) for FY 2012-13

FY 2012-13	Voltage	Apr-12	Voltage	Sales	LT	11kV	33kV	132kV
Combined	L.T.	7.36%	L.T.	3651.07	3941.11	4142.01	4308.99	4491.34
	11kV	4.91%	11kV	665.48	-	699.85	727.86	758.66
	33kV	3.87%	33kV	688.23	-	-	715.96	746.26
CGS (MU)	132kV	4.06%	132kV	771.65	-	-	-	804.30
1157.75	PGCIL	4.98%	TOTAL	5776.43	3941.11	4841.87	5752.81	6800.55
% Loss up to said voltage :						10.85%	13.00%	15.06%
						D. Loss:	748.02	
						T. Loss	276.10	
						PGC Loss	57.66	6858.21
Loss(MU) & % Loss incl.PGCIL :						TOTAL	1081.78	15.77%

FY 2012-13	Voltage	May-12	Voltage	Sales	LT	11kV	33kV	132kV
Combined	L.T.	7.34%	L.T.	3618.00	3904.47	4103.60	4268.94	4449.60
	11kV	4.93%	11kV	686.63	-	722.26	751.17	782.95
	33kV	3.88%	33kV	724.01	-	-	753.21	785.08
CGS (MU)	132kV	4.06%	132kV	759.07	-	-	-	791.19
1217.00	PGCIL	4.98%	TOTAL	5787.72	3904.47	4825.86	5773.32	6808.83
% Loss up to said voltage :						10.80%	12.90%	15.00%
						D. Loss:	744.67	
						T. Loss	276.44	
						PGC Loss	60.61	6869.43
Loss(MU) & % Loss incl.PGCIL :						TOTAL	1081.72	15.75%

FY 2012-13	Voltage	Jun-12	Voltage	Sales	LT	11kV	33kV	132kV
Combined	L.T.	7.29%	L.T.	3271.76	3528.90	3707.57	3857.00	4020.23
	11kV	4.95%	11kV	652.88	-	686.91	714.44	744.67
	33kV	3.87%	33kV	720.20	-	-	749.23	780.93
CGS (MU)	132kV	4.06%	132kV	727.58	-	-	-	758.37
1050.66	PGCIL	4.98%	TOTAL	5372.42	3528.90	4394.47	5320.67	6304.19
% Loss up to said voltage :						10.69%	0.00%	14.78%
						D. Loss:	675.82	
						T. Loss	255.95	
						PGC Loss	52.32	6356.52
Loss(MU) & % Loss incl.PGCIL :						TOTAL	984.09	15.48%

FY 2012-13	Voltage	3 Months	Voltage	Sales	LT	11kV	33kV	132kV
Quarter	L.T.	7.33%	L.T.	10540.84	11374.47	11953.18	12434.94	12961.16
	11kV	4.93%	11kV	2005.00	0.00	2109.02	2193.46	2286.29
	33kV	3.87%	33kV	2132.44	0.00	0.00	2218.39	2312.27
CGS (MU)	132kV	4.13%	132kV	2258.30	0.00	0.00	0.00	2353.86
2881.79	PGCIL	4.19%	TOTAL	16936.57	11374.47	14062.21	16846.79	19913.58
% Loss up to said voltage :						10.78%	0.00%	14.95%
						D. Loss:	2168.51	
						T. Loss	808.49	
						PGC Loss	120.75	20034.32
Loss(MU) & % Loss incl.PGCIL :						TOTAL	3097.75	15.46%