ANDHRA PRADESH

ELECTRICITY REGULATORY COMMISSION

Singareni Bhavan, Red Hills, Lakdikapul,

Hyderabad – 04

TARIFF ORDER

Retail Supply Tariffs for

FY 2012-13

In the Supply Areas of

CENTRAL POWER DISTRIBUTION COMPANY OF A P LTD
EASTERN POWER DISTRIBUTION COMPANY OF A P LTD
NORTHERN POWER DISTRIBUTION COMPANY OF A P LTD
SOUTHERN POWER DISTRIBUTION COMPANY OF A P LTD

30th March 2012

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ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION
HYDERABAD

Present

Sri A.Raghotham Rao, Chairman
Sri C.R.Sekhar Reddy, Member

Dated 30th March, 2012

O.P. No 01 of 2012
Eastern Power Distribution Company of Andhra Pradesh Limited (APEPDCL)

O.P. No 02 of 2012
Northern Power Distribution Company of Andhra Pradesh Limited (APNPDCL)

O.P. No 03 of 2012
Southern Power Distribution Company of Andhra Pradesh Limited (APSPDCL)

O.P. No 04 of 2012
Central Power Distribution Company of Andhra Pradesh Limited (APCPDCL)

… Applicants

The filings for approval of Annual Revenue Requirement (ARR) and Tariff proposals for the Retail Supply Business for the FY 2012-13, made on 26th December 2011, by the Four (4) Distribution Licensees (DISCOMs) of Andhra Pradesh, which were admitted by the Commission and assigned O.P. numbers 01 of 2012 to 04 of 2012 respectively vide the Commission letters dated 04.01.2012, came up for public hearing before several consumers, the representatives of various consumer organizations, political parties and other stakeholders at Nizamabad on 16-02-2012, at Hyderabad on 18-02-2012, at Tirupathi on 22-02-2012 and at Kakinada on 27-02-2012 and having stood over for consideration till this day, the Commission, in exercise of the power vested in it by the Electricity Act, 2003 and Andhra Pradesh Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff for Wheeling and Retail Sale of Electricity) Regulation, 2005; hereby passes this common order.

ORDER

CHAPTER-I

INTRODUCTION

1. The Four (4) Distribution Companies (hereinafter referred to as the 'Distribution Licensees' or 'Licensees' or 'DISCOMs') namely, the Eastern Power Distribution Company of A.P. Limited (hereinafter, 'APEPDCL' or 'EPDCL'), the Northern Power Distribution Company of A.P. Limited (hereinafter, 'APNPDCL' or 'NPDCL'), the Southern Power Distribution Company of A.P. Limited (hereinafter, 'APSPDCL' or 'SPDCL') and the Central Power Distribution Company of A.P. Limited (hereinafter, 'APCPDCL' or 'CPDCL') have filed applications for approval of their Annual Revenue Requirement (ARR) and Tariff proposals for the Retail Supply Business for FY 2012-13 on 26th December 2011, which were admitted by the Commission and assigned O.P. numbers 01 of 2012 to 04 of 2012 respectively vide the Commission letters dated 04.01.2012.

2. These applications were brought in the public domain through publication of Public Notice in newspapers on 5th January 2012 seeking objections/suggestions from the interested consumers and stakeholders by 3rd February 2012.

3. In pursuance of Public Notice, several consumers, the representatives of various consumer organizations, political parties and other stakeholders (Total 253 registered Objectors) raised objections which were replied to by the Licensees. The objections/suggestions raised by the general public and/or their representatives and the arguments advanced by the Licensees in writing as well as during the course of public hearings held on 16.02.2012 at Nizamabad (NPDCL); on 18.02.2012 at Hyderabad (CPDCL); on 22.02.2012 at Tirupati (SPDCL); and on 27.02.2012 at Kakinada (EPDCL) and also the views of State Advisory Committee (SAC) have been taken note of.

4. The Commission issued Regulation 4 of 2005 on 14-11-2005 laying down the terms and conditions for determination of tariff for Wheeling and Retail Sale of Electricity.

5. Regulation 4 of 2005 introduced Multi Year tariff framework and accordingly, each distribution licensee has to make the filings for its annual revenue requirement (ARR) along with its proposals for tariff (PFT) with the Commission for determination of tariff for (a) Wheeling and (b) Retail Sale of Electricity for a period of 5 years (called Control period). The second control period covers the years 2009-10 to 2013-2014.

FILINGS FOR DETERMINATION OF RETAIL SUPPLY TARIFF ON ANNUAL BASIS

6. The wheeling tariffs were determined for the control period of 5 years, namely 2009 to 2014. However as regards the determination of retail supply tariff for the 5 year control period, the Licensees expressed their inability to make a filing for retail supply business for a period of 5 years from 2009-10 to 2013-14, as per MYT scheme and instead sought the approval of the Commission to file ARR and FPT on annual basis for the years 2009-10, 2010-11 & 2011-12. The same were permitted by the Commission and accordingly the filings were made and the retail supply tariff was determined for the financial years 2009-10, 2010-11 & 2011-12.

7. For the year under consideration i.e., for FY 2012-13, the Licensees referred to the existing significant uncertainties both supply and demand side namely,

   a. Uncertainty involved in projection of quantum of power to be purchased from various sources as well as in costs due to deviations in commissioning of power plants from schedule, quantum of deviations between the generation tariffs used in the projections and the approved costs.

b. MYT filing for retail supply business would serve neither to provide incentivisation for performance to the Licensees nor tariff certainty to consumers; due to the cost of power purchase is uncontrollable and is not amenable to fixation of targets and also it has a significant impact on the 'Cost to Serve' which forms the basis of fixation of retail tariffs.
c. Demand side uncertainties viz., shortfall in the load relief estimates, policy of GoAP towards agricultural supply hours and likely date of commissioning of the Lift Irrigation Schemes (LI Schemes) which will significantly alter the demand projections for the 2nd control period.

8. Licensees stated that due to these uncertainties, estimations of their revenue requirement and sales cannot be made for the remaining part of 2nd control period i.e., FY 2012-13 & 2013-14 together. Licensees therefore sought for the permission of the Commission to allow them to submit their ARR and Tariff proposals for FY 2012-13 on annual basis. The Commission permitted the Licensees to do so in letter dated 18.10.2011 *(Annexure B(i))*.

DELAY IN FILINGS OF ARR/TARIFF PROPOSALS

9. The Licensees were to file their annual ARR and tariff proposals for the year 2012-13 by 30th November 2011 so that 120 days are available to the Commission as per statute to determine the tariff for the FY 2012-13 commencing from 1st April 2012. The Licensees however did not file the ARR and tariff proposals by 30th Nov 2011 explaining that the delay was due to certain unavoidable circumstances viz., delay in receipt of information from some CGS stations and in finalization of sales & revenue estimations in new ARR formats. Licensees sought extension of time, from time to time and the Commission has granted time upto 31st December 2011 vide letter dated 24.12.2011 *(Annexure B(ii))*.

FILINGS OF ARR/TARIFF PROPOSALS

10. The Licensees filed the Aggregate Revenue Requirement (ARR) and Tariff Proposals for their Retail Supply Business for FY 2012-13 on 26th December 2011.

REVENUE REQUIREMENT AND REVENUE DEFICIT

11. The four (4) Licensees, based on their estimates of Annual Revenue Requirement (ARR) and anticipated annual revenues from different consumer categories, arrived at a total revenue deficit of **Rs.6,100.89 Cr.** for FY 2012-13 as detailed in **Table-1** given below. Licensees made no mention about the ways and means to fill the revenue gap. The task of filling up the revenue deficit/gap was left to the Commission.

Table-1: Revenue requirement and deficit as filed by Licensees (Rs.Cr.)

ARR Item	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
A) Revenue Requirement	15738.09	5952.07	5906.41	8493.72	36090.31
B) Energy Sales (MU)	35937.69	13830.01	11748.56	19104.55	80620.82
C) Revenue	13621.39	5739.28	3284.55	7344.19	29989.42
D) Net Deficit (A-C)	-2116.71	-212.79	-2621.86	-1149.53	-6100.89

TARIFF PROPOSALS

12. The licensees proposed to introduce the following changes to the tariff structure:

Creation of separate sub-category in LT-I Domestic and increase in tariff for higher slabs:

LT-I(A) – Domestic BPL

Creation of a separate sub-category (LT-I(A) - Domestic BPL) in LT-I Domestic for consumers whose consumption is less than 360 units in the previous year. The tariff for this sub-category is kept untouched at Rs.1.45/kWh.

LT-I(B) – Domestic Normal

Creation of a separate sub-category under LT-I Domestic for normal consumers (consumers not falling under LT-I(A) - Domestic BPL). Removing the Telescopic benefit for the first 50 units. Proposed energy charges for the first slab in this new sub-category i.e., 0-100 units as Rs.2.60/unit.

Increase in Tariff from Rs.3.05/unit to Rs.3.60/unit for 101-200 slab; from Rs.4.75/unit to Rs.5.75/unit for 201-300 slab; from Rs.6.00/unit to Rs.6.75/unit for 301-500 slab; and from Rs.6.25/unit to Rs 7.00/unit for >500 units slab.

Creation of separate sub-category in LT-II Non-Domestic/ Commercial and increase in tariff for higher slabs

LT-II(A) – Non-domestic (Small Commercial Establishments)

Creation of a separate sub-category for small commercial establishments whose consumption is less than 360 units in the previous year. No tariff change has been proposed for this category.

LT-II(B) – Non domestic (Normal)

Removal of Telescopic benefit for the first 50 units. Proposed energy charges for the first slab in this new sub-category i.e., 0-100 units as Rs.6.00/unit. Increase in Energy charges for >100 units slab from Rs.6.50/unit to Rs.7.00/unit.

LT-II(C) - Advertisement Hoardings

Renaming the LT-II(B) - Advertisement Hoardings sub-category under LT-II - Commercial as LT-II(C) - Advertisement Hoardings.

Tariff hike for LT-III Industrial Category

Increase in tariff for LT–III Industrial category from Rs.4.13/unit to Rs.5.00/unit, but tariff for Pisciculture and Prawn culture units has been left unchanged.

Tariff hike for LT-VI Street lighting and PWS

Table 2: Proposed tariff hike for LT-VI Street lighting and PWS

Street lighting:		**Present**	**Proposed**
(1)		(2)	(3)
Minor Panchayats		1.87	1.87
Major Panchayats		2.50	2.50
Nagarpalikas & Municipalities		3.29	3.75
Municipalities (Gr 1&2)		3.59	4.00
Municipalities Special Selection Group		3.88	4.50
Corporation		4.17	5.00
PWS:			
Consumer Category	**Units/Year**	**Present**	**Proposed**
(1)	(2)	(3)	(4)
Minor/MajorPanchayats	<=2,500	0.70	0.70
	> 2,500	1.00	1.00
Nagarpalikas/Municipalities	<=1,000	3.75	4.50
	> 1,000	4.05	5.00
Corporation	<=1,000	4.05	5.00
	> 1,000	4.60	5.25

Tariff hike for LT-VII (A) General Purpose

Increase in tariff for this category from Rs.4.00/unit to Rs.4.50/unit.

Tariff hike for HT-I Industrial Segregated

Increase in tariff for this category from Rs.2.97/unit (132 kV), Rs.3.25/unit (33 kV) and Rs.3.52/unit (11 kV) to Rs.3.97/unit (132 kV), Rs.4.37/unit (33 kV) and Rs.4.80/unit (11 kV) respectively. No change in demand charges and proposed ToD tariff for consumption during peak period of 6 pm to 10 pm.

Removal of Ferro Alloys category

Removal of the separate category for Ferro Alloys and proposed to treat these consumers under HT-I Industrial Segregated. Hence, the revised energy charges and existing demand charges of HT-I are applicable to Ferro Alloys also. ToD charges shall also be applicable for consumption during peak period of 6 pm to 10 pm.

Tariff hike for HT-II Industrial Non-Segregated

Increase in tariff for this category from Rs.4.10/unit (132 kV), Rs.4.30/unit (33 kV) and Rs.4.80/unit (11 kV) to Rs.5.10/unit (132 kV), Rs.5.35/unit (33 kV) and Rs.5.97/unit (11 kV).

Introduction of Time of Day tariff at Re.1.00/unit for consumption during peak period of 6 pm to 10 pm.

Tariff hike for HT-V Traction

Increase in tariff for Railway traction from Rs.4.45/unit to Rs.5.75/unit.

MISCELLANEOUS TARIFF RELATED PROPOSALS

- Removal of blocked leading kVARh for the purpose of kVAh billing.
- A separate category with separate tariffs to all the Captive/Open Access consumers.
- Change in Billing demand for consumers with two-part tariff to maximum of RMD or 90% of CMD whichever is higher.

MISCELLANEOUS NON-TARIFF INCOME RELATED PROPOSALS

- Introduction of a flat fee for the consumers who fail to pay their bills within the due date. The flat fee would be different to various categories of consumers.

  LT–I(A) Domestic (BPL) – Rs.10/-
  LT–I(B) Domestic (Other) and LT-IV – Rs.25/-
  LT–II(A) Commercial (SCE) – Rs.25/-
  LT-II(B) Commercial (Other), LT-VI, LT-VII – 1.5% of bill amount or Rs.75/-, whichever is higher
  LT–III Industrial – 1.5% of bill amount or Rs.250/-, whichever is higher
  For all HT categories - 1.5% of bill amount or Rs.550/-, whichever is higher.

- Increase in the reconnection fee from the current amount depending on the type of service connection being extended to the consumer.

- Increase the Supervision/Inspection fee being charged for the service provided to the consumers.

- Increase the meter testing charges based on the type of meter installed in the consumer premises.

OTHER PROPOSALS/ISSUES

Cross subsidy surcharge determination for FY 2012-13

The licensees filed a proposal for determination of cross-subsidy surcharge for Open Access transactions along with this ARR filing for FY 2012-13. The licensees adopted the methodology stated in the National Tariff Policy with suitable modifications for determination of the cross-subsidy surcharge.

Truing up of additional Agl sales and losses for FY 2010-11

The licensees requested the Commission to consider and approve truing up proposals of the Licensees pertaining to FY 2010-11.

Ceiling price for short term purchases

In case of shortage in availability from approved stations in the Tariff Order, the licensees requested the Commission to grant permission to procure power from short-term sources at a ceiling price of Rs.5.50/unit similar to last year.

Voltage wise month wise loss calculation

The licensees submitted that for calculation of the power purchase requirement, voltage-wise month-wise sales have been grossed up with voltage-wise month-wise losses to determine the power purchase requirement since the losses in the system are directly proportional to the energy handled. Therefore, the licensees requested the Commission to approve the methodology detailed above for determination of the power purchase requirement for FY 2012-13.

Imposition of R&C measures and applicable penalties during a power deficit scenario

While bringing the attention of the Commission to the power supply scenario in the State, Licensees submitted that they are left with no other option, but to impose load restrictions on various categories of consumers in exercise of their option under clause 16 of General Terms and Conditions of Supply.

13. The ARR/Tariff filings for Retail Supply Business for FY 2012-13 submitted by the Distribution Licensees were scrutinized and found to

be generally in order as required under the Conduct of Business Regulations, 1999. The Commission admitted the filings and the same were taken on record by assigning the following O.P. numbers:

O.P. No 01 of 2012 for APEPDCL
O.P. No 02 of 2012 for APNPDCL
O.P. No 03 of 2012 for APSPDCL
O.P. No 04 of 2012 for APCPDCL

NOTIFICATION CALLING FOR OBJECTIONS/SUGGESTIONS

14. The Licensees, as directed by the Commission, published a public notice in two English newspapers in English and two Telugu newspapers in Telugu on 5th January 2012 as shown in *Annexure-B(iii) & B(iv)* , informing the general public that the Licensees have filed before the Commission their ARR and Tariff proposals in respect of their retail sale of electricity for FY 2012-13 and copies of their filings together with supporting materials were available in the offices of the Chief General Manager/RAC, of the respective Licensees at their headquarters and also with all the Superintending Engineers/Operation circles. The filings were also made available on the websites of the Licensees as well as the Commission. This was to facilitate inspection/perusal/purchase of the ARR filings and Tariff proposals by interested persons. Interested consumers and stakeholders were requested to file their objections/suggestions on ARR and Tariff proposals by 3rd February 2012. A copy was also required to be marked to APERC for record.

OBJECTIONS/SUGGESTIONS IN RESPONSE TO PUBLIC NOTICE

15. In response to the public notice, a large number of objections/ suggestions have been received by the Commission both in writing as well as during public hearings. The objections have been received from Organised trade bodies & associations, industries, organisations like Railways, political representatives & leaders, Individual activists who have acquired certain experience and expertise in this area, NGOs, individuals, consumer organisations, farmer bodies and

awareness groups. The complete list of 253 Nos registered objectors who have taken time and made suggestions is given in the ***Annexure-C***. The Licensees were also directed to arrange their written replies to all the objectors by 14th February 2012, before the scheduled public hearing of the concerned Licensee. The replies were also to be posted on their respective websites and the copies of these replies were to be made available to the Commission also. The Commission invited all the Objectors who have filed their objections/suggestions to attend the Public Hearings.

PUBLIC HEARINGS

16. The 'Schedule of Public Hearings' given in Table 3 was informed to the Licensees, all the Objectors, Government of Andhra Pradesh and was also adequately publicized through press release.

Table 3: Schedule of Public Hearings on ARRs/Tariff filings by Licensees

Date	Place	Venue	Licensee	Time
16.02.12	Nizamabad	Zilla Praja Parishad Meeting Hall, Nizamabad	APNPDCL	10:30 AM to 01:30 PM & 02:30 PM to 05:00 PM
18.02.12	Hyderabad	The FAPCCI, 11-6-841, FAPCCI Marg, Red Hills, Hyderabad 500 004	APCPDCL	
22.02.12	Tirupati	SV University Auditorium, Tirupati	APSPDCL	
27.02.12	Kakinada	Dr.B.R.Ambedkar Bhavan,Near Old Bus Stand, Kakinada, E.G. Dist.	APEPDCL	

17. The Commission organised a Public hearings in each Licensee area as detailed in Table-3. During the hearings, the Licensees (DISCOMs) made a brief presentation on their respective filings and then the Commission heard all the objectors desiring to be heard in person. At the hearings, apart from the registered objectors, the persons/ organizations who had turned up at the venue directly were also

heard and their petitions/suggestions were also considered. At the end, as per the directions of the Commission, the respective Licensees have responded on the issues raised by the objectors during the hearing.

Table 4: Number of Objections/Suggestions received

Objections/ Suggestions related to Discom	Objections/ Suggestions related to all the Discoms	Total No. of Registered Objectors who filed Objections within due date	Total No. of Registered Objectors who attended Public Hearings	Total No. of unregistered Objectors who filed objections after due date
APCPDCL	37	80	28	7
APNPDCL		45	22	18
APEPDCL		19	20	23
APSPDCL		72	35	32
Total	**253**		**105**	**80**

18. The Objections received on the ARR/Tariff filings have been dealt in the respective Chapters while dealing with the issue/topic of the subject. The gist of objections/suggestions, replies given by the Licensees along with the views and directions of the Commission, wherever required, are also given at appropriate places in the respective Chapters.

STATEMENT BY GOVERNMENT OF ANDHRA PRADESH

19. The Officer on Special Duty (OSD), standing in for the Principal Secretary, Energy, Govt of Andhra Pradesh; made a statement before the Commission during the Public Hearing on 22nd February 2012 at Tirupati, and expressed the views of Government as "*the filings made by the utilities for the financial year 2012-13, reflect the key objectives set by the Government of Andhra Pradesh*". It was also stated that "… t*he Government is committed to provide necessary financial assistance as needed by the Power Sector and providing*

subsidy to the utilities in accordance with the provisions of Section 65 of the Electricity Act, 2003." Chapter-7 of this Tariff Order gives the full text of the Govt. Statement.

MEETING OF STATE ADVISORY COMMITTEE (SAC)

20. As part of the tariff exercise, a meeting of the State Advisory Committee (SAC) was held on 6th March 2012 to elicit their views on the ARR and Tariff proposals of Licensees. The suggestions made by the members of SAC were also considered by the Commission while finalizing the Tariff Order.

OBJECTION/SUGGESTION ON FILINGS

21. **Ferro Alloy Producers Association** has raised ***inter-alia*** has raised the following issues;

(a) The present tariff filing is based on the estimates, without availability of the actuals. In this backdrop, it is utmost crucial that truing up exercise must be undertaken by APERC **(b)** The Commission, in the Tariff Order, 2011 has specifically ruled that the wheeling tariffs were determined for the control period of 5 years, namely 2009 to 2014. However, as regards the determination of retail supply tariff for the 5 year control period, the Licensees expressed their inability to make a filing for retail supply business for a period of 5 years from 2009-10 to 2013-14, as per MYT scheme and instead sought the approval of the Commission to file ARR and FPT on annual basis for the years 2009-10 & 2010-11. The concession extended by the Hon'ble Commission ended at that and cannot be utilized as concession for filing tariff, every year. Hence, after this benign concession, the Applicant ought not to have filed the tariff application once again, without seeking leave of this Hon'ble Commission **(c)** Tariff determination is undertaken by a Commission for the future and is grounded on estimates and projections. By the time there is need to work out the tariff for the subsequent spell of time, actual revenue generated on the basis of tariff fixed by the Commission would be known. Even audited accounts for the earlier

period would also be available. On the basis of the actual data or near actual data truing up exercise must be undertaken by the Commission. It is submitted the figures submitted by the Petitioner are only raw data, which is to be first accepted, verified and validated. Besides all this, the Petitioner has to get them audited. Even after such audit, the Hon'ble Commission will have to conduct the independent verification that the same can be passed on to the consumers **(d)** The important and essence of the Order of the Hon'ble APTEL, in Appeal No. 167 of 2010 Dated 27th October, 2010, is to mandate the licensee to file audited accounts based on which the truing up and the final Tariff Order can be based; Regulation 45 A (3) (iii) of the CBR mandates the calculation of Licensees estimated costs in accordance with the Application in the Sixth Schedule to the Electricity Supply Act, 1948. Admittedly the same is not submitted in accordance thereby. On this ground too, the Application is not maintainable (e) The Applicant has not stated anything about the proposals for sharing of gains and losses as required by regulation 5 of TCR. This is specifically required by the Regulation 10 (6) of TCR; the applicant has not shown in the Application as how it has adhered to the Commission Approved Power Procurement Plan. Instead, it has submitted its own power procurement plan which is against Regulation.

Licensees' Response:

(a & c) The data filed for FY 2010-11 is as per actuals and as per the audited annual accounts; the annual accounts are also submitted to the Commission **(b)** Licensees took the prior permission of the Commission to file ARR/Tariff proposals for FY 2012-13 only **(d)** The Commission has permitted to file ARR for retail supply business for the FY 2012-13. As per the sub-clause 3 of clause 45-A, the Licensee has done the demand forecast of each category of consumer for the FY 2012-13, calculated expected ARR based on the demand forecast and expected revenue deficit with the current Tariffs. And based on the revenue gaps, the revision of Tariff proposal are submitted before

the Hon'ble Commission **(e)** True ups for sharing the gains and losses, pertaining to the first control period (2006-07 to 2008-09) was submitted to the Hon'ble Commission. The verification process of true ups filed is taken up by the Hon'ble Commission. Power procurement plan for the FY 2012-13 was filed along with these filings as per the guidelines which will be approved by Hon'ble APERC after scrutiny.

Commission's View:

As regards filing the ARR and Retail Supply Tariff Proposals for FY 2012-13 separately, the licensees have applied for the same and obtained the permission of the APERC, vide Commission letter No. APERC /Secy / DD (EAS)/ARR for RSB FY 2012-13, dated 18.10.2011. As regards the objection regarding true-up of earlier year, as a pre-requisite for filing of ARR and Retail Supply Tariff Proposals for FY 2012-13, it has to be noted that the ARR for Retail Supply Tariff Proposals for FY 2012-13 have to be filed four months in advance of the commencement of FY 2012-13 i.e., by 30-11-2011, and by this date, it is not possible to have true-up of FY 2011-12, since four months out of the FY 2011-12 would still be remaining uncompleted as on this date. The true-up exercise is a separate exercise in terms of Regulation 4 of 2005 and will be undertaken by the Commission separately. As regards the other objections regarding the filings, it is important to note that the Electricity Supply Act, 1948 stands superseded by the Electricity Act, 2003 and the filings of the Licensees are in pursuance of the provisions of Electricity Act, 2003 and the relevant Regulation of the Commission, namely, "Terms and Conditions for Determination of Tariff for Wheeling and Retail Sale of Electricity Regulation, 2005". The replies given by the licensees are found to be reasonable and satisfactory.

22. **Sri Gade Diwakar and others** have pointed out that because of late submissions of ARR and Tariff proposals both Public as well as the Commission has lost precious time in examining the proposals and this practice shall be checked forthwith.

Licensees' Response:

The ARR/Tariff filings were submitted by the Licensees within 30 days from 30.11.2011 and the delay in filings is due to unavoidable circumstances viz.,

a. Delay in receipt of new ARR formats
b. Delay in finalization of sales and revenue estimations due to Telangana agitation in respect of APCPDCL and APNPDCL
c. Delay in receipt of information from some CGS stations

M/s Sri Shiva Spinning Mills Pvt Ltd. have requested extension of time for filings their objection/suggestions even to after issue of Tariff Order.

Licensees' Response:

The timelines prescribed by the Commission are to be followed by the Consumers as well as the Licensees.

Sri Chaganti Venkateswarlu has requested that the response/replies of Licensees are to be made available to the Objector at least 7 days before the Public Hearings.

Licensees' Response:

The replies are furnished to objectors as per the timeline prescribed by the Commission.

Commission's View:

The Licensees henceforth should endeavour for timely submission of ARR/Tariff filings to enable sufficient time to the General Public for offering their valuable objections/ suggestions on filings and adequate time to the Commission to issue the Tariff Order as per schedule.

23. A number of Objectors requested that sufficient time should be given to all the Objectors who want to be heard during the Public Hearings and suggested that the number of days to conduct Public Hearings is to be decided accordingly.

Commission's View:

As regards this suggestion, the Commission would like to state that it has given adequate time and opportunity and heard during the public hearings all the Objectors who wanted to be heard.

24. Some of the Objectors requested the Commission to withdraw the condition for filing six (6) copies objections/suggestions.

Commission's View:

The Commission has considered the above suggestion and has decided to withdraw the requirement of filing six copies and agrees to restore the earlier practice in vogue since the Tariff Order 2003-04 (para 259) requiring the Objectors to file One (1) original copy before the Commission and to serve One (1) copy to the Licensee.

CONCLUSION

25. The Commission would like to place on record its appreciation for the awareness and public spirit exhibited in the form of large number of letters/suggestions/objections received. While all the views and opinions expressed and objections/suggestions made by the consumers / objectors may not have been specifically reflected in this order, the Commission has made every effort to capture the spirit and essence of the objections/suggestions.

CHAPTER-II

SALES AND POWER PURCHASE REQUIREMENT

INTRODUCTION

26. In this chapter, the Commission has examined the sales volumes and power purchase requirement filed by the Licensees, in the light of the objections/suggestions/issues raised by various persons in writing and during public hearings and determined the sales volumes to different consumers categories and power purchase requirement for FY 2012-13.

FILING DETAILS

Sales

27. The four Licensees forecasted the sale of energy to different consumer categories in their respective licensed supply areas at 80621 MU during FY 2012-13. The Licensees followed both trend and end user methods, and forecasted the sales volumes for FY 2012-13. The forecasted sales to different consumer categories filed by the Licensees are given in Table 5.

Table 5: Sales forecast as per Filings for FY 2012-13 (MU)

Consumer Category	Licensee				All licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
LT-I: Domestic	6941.57	3680.89	2460.63	4914.58	17997.67
LT-II: Non Domestic/Commercial	2222.81	838.81	537.05	1222.15	4820.83
LT-III: Industrial	1270.23	602.62	314.08	1026.28	3213.20
LT-IV: Cottage Industries	18.67	2.29	7.06	30.27	58.29
LT-V: Agricultural	9079.03	1799.59	4586.85	4510.89	19976.36
LT-VI: Local Bodies	922.60	313.12	402.10	436.99	2074.81
LT-VII: General	79.88	43.19	31.97	55.01	210.05
LT-VIII: Temporary	1.26	0.88	0.03	1.77	3.94
HT-I: Industrial	12333.22	4558.18	1166.29	5184.89	23242.58
HT-II: Others	1869.59	562.63	100.19	531.99	3064.41
HT-IV: Irrigation and Agriculture	921.56	518.80	853.34	188.39	2482.09
HT-V: Railway Traction	163.38	604.63	438.95	641.37	1848.33
HT-VI: Townships and Res. Colonies	108.96	34.76	130.53	49.03	323.28
HT-VII: Green Power	0.00	0.00	0.00	0.00	0.00

Consumer Category	Licensee				All licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
HT-VIII: Rural Elec.Cooperatives	0.00	249.39	719.49	310.94	1279.82
HT-IX: Temporary	4.94	20.22	0.00	0.00	25.16
Total	35937.69	13830.01	11748.56	19104.55	80620.82

Power Purchase

28. The Licensees have, while applying the transmission and distribution losses, computed the power purchase requirement for FY 2012-13 at 93913.40 MU. The power purchase quantity derived in this manner (sales-losses-requirement), is the key basis for ARR filings. The power purchase requirement as per filings for each Licensee is given in Table-6.

Table 6: Power Purchase Quantity as per ARR filings

Power Purchase Quantity	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Million Units	42,558.07	15,507.25	14,011.37	21,836.71	**93,913.40**

OBJECTIONS/SUGGESTIONS

Sales Forecasts of the Licensees

29. **Dr K Narayana, Sri M Thimma Reddy, Sri Gade Diwakar and others** inter alia expressed the following:

a. The sales forecast being adopted by the Commission appears to be short of requirement as observed in terms of recent data and power cuts. Accepting higher sales volumes near to realistic levels will help the Licensees to procure higher quantum and make them eligible to get higher expenditure through tariff orders. The Licensees may tie up in advance at reasonable prices.
b. From the sales forecast of Licensees, it is observed that there is a negative growth in sales to LT Industry and in some licensee areas the sales volumes are less than that of sales volumes to agriculture that receive supply only for seven hours

in a day. It should be on account of severe supply restrictions planned by Licensees for FY 2012-13. The LT Industry is labour intensive and any such restrictions will have adverse implications on livelihood.

c. The projected power cuts to both LT and HT industries during specific periods of time coupled with higher tariffs would lead to reduction in industrial production, loss of man-days and escalation of cost of production and prices of end-products.

Licensees' Response:

Due to shortage of availability against requirement and the limitation in transmission corridor availability, the licensees are not in a position to supply unrestricted power in the months of April and May 2012. The Licensees proposed load restrictions for LT-III- Industry during April-May of FY 2012-13 and thus the growth rates appears to be negative over normal year of 2011-12.

Commission's View:

The Commission, in general, approves the sales forecast filed by the Licensees except in case of sales to Agriculture and RESCOs. The sales to LT-V: agriculture cannot be approved as projected by Licensees without any data support and sales to HT-V: Agriculture depends upon the upcoming lift irrigations schemes where much uncertainty exists. In case of RESCOs, the Commission moderates the estimates made by Licensees and RESCOs. For all other categories, the Commission approves the sales volumes as projected by Licensees. The shortages mostly arise on account of supply side constraints rather than sudden increase in demand. In this Tariff Order, the Commission has provided for significant quantum of energy through market purchases with which the Licensees are expected to tide over short term supply constraints.

Sales Estimation to LT-V: Agriculture

30. **Representatives of Bharateeya Kisan Sangh and AP Rythu Sangham, Sri MV Shiva Ramakrishna, AP Spinning Mills Association, M/s Synergy Castings and others** expressed doubt over the agricultural consumption estimate for FY 2012-13 made by Licensees. The Licensees are taking the left out un-used wells/pump sets also into account while estimating the Agricultural consumption.

Dr K Narayana, Sri M Thimma Reddy, Sri Gade Diwakar and others inter-alia **suspect** the estimates made by Licensees. They have expressed that (a) each Licensee presented a different explanation while claiming that they follow the method prescribed by the Commission, (b) There was no explanation about the total number of agricultural services and the DTRs servicing them (c) Licensees are unwilling to implement new methodology approved by the Commission for measuring un metered agricultural supplies. Progress in this regard is tardy (d) estimates are often based on two crops whereas season and crop reports indicate second crop in less than 50 percent acreage under bore wells.

Licensees' Response:

(a) The new ISI methodology for estimation of agricultural consumption is being rolled out and will be implemented from the ensuing year onwards (NPDCL); Agricultural consumption estimate has been made based on the methodology approved by Hon'ble APERC (EPDCL, SPDCL); For implementation of new APERC approved ISI methodology all sample Agl DTR metering is completed in Anathapur circle and readings are being taken. However due to implementation of HVDS project simultaneously the number of Agl DTRs in Anathapur circle increased from 16000 (Jan'2010) to 20000(Jan'2012) and updating of master data of Agl DTRs is under progress for implementing new methodology (CPDCL).

(b) Due to insufficient rain fall, drought conditions have been prevailing which resulted in increase of consumption by agricultural pump sets. Accordingly, during the first half of FY 2011-12, the actual sales of this category has been increased to 1776 MU compared to 1480 MU of first half of FY 2010-11. Considering the same trend for the second half of FY 2011-12, the total sales for the FY 2011-12 are expected to be 4362.72 MU. For estimating the total sales for FY 2012-13, the licensee has considered 5 years CAGR of 5.14 % over the sales of FY 2011-12 (NPDCL); Estimation of agricultural consumption is done as per the APERC guidelines duly installing energy meters on the sampled number of DTRs in each mandal and considering the DTR energy meter reading (SPDCL, CPDCL & EPDCL).

Commission's View:

The Commission notes with concern that the Licensees' efforts regarding estimation of agricultural consumption by un-metered agricultural services is 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.*

Additional Sales to Agriculture and True Up Mechanism

31. **Sri B.V. Raghavulu, Sri M Venugopala Rao and others** stated that since power supply to agricultural connections is free as per the policy of the Government, the question of truing up additional agricultural sales by the Licensees does not arise. DISCOMs have to get additional expenditure incurred on account of additional agricultural sales from the Government only, the objectors stated.

Licensees' Response:

In view of the inevitability of the cost implication to the licensee due to higher agriculture sales than approved agriculture sales and higher distribution and transmission losses, there is a need to address the same through a truing up mechanism.

Commission's View:

The licensees are expected to strictly adhere to the sales volume approved by the Commission for a financial year as no provision is provided for additional sales to agriculture for whom supply is made at subsidized rates. Truing up of expenses for additional sales shall be established first through measurement and then relevant request to be made by Licensees within the available regulatory framework.

Deficit Situation and Supply to Agriculture

32. **Sri K Rajendra Reddy** expressed that the Licensees failed to arrange electricity supply for 7 hours to agricultural services in FY 2011-12. With the power deficit situation going to continue even in FY 2012-13, how the Licensee can supply power for 7 Hrs to agricultural sector? He suggested the Licensees to come out with realistic estimates of agricultural consumption.

While quoting SPDCL as per the filing " further the licensee is in the process of releasing 41000 new agricultural connections during FY 2011-12 and in view of this, the licensee requests the Hon'ble Commission to revisit the level of agricultural sales approved for APSPDCL and treat it appropriately". The objector felt that why not the licensee indicate the level to which Commission to revisit the agricultural sales.

SPDCL Response:

During the FY 2011-12, 7 hours supply was being given to agricultural sector despite the power supply crisis. The Agricultural sector was being given top most priority and if the situation demands load reliefs: all the consumers of other categories are being given load reliefs. The same kind of strategy will be adopted for the FY 2012-13; APERC has approved 4074.52 MU towards the agricultural sales for FY 2011-12 against the estimated agricultural sales of 4393 MU as mentioned in the ARR for the FY 2011-12. Further it is re-estimated that the LT agricultural sales will be around 4191 MU for FY 2011-12

as mentioned in the ARR for FY 2012-13. Hence the Hon'ble APERC was requested to revisit the level of agricultural sales approved for the DISCOM.

Commission's View:

The Commission approves the agricultural consumption volume for each licensee and the Licensees are expected to supply the approved agricultural consumption volume depending upon the grid conditions irrespective of supply hours.

The SPDCL response of diverting consumption volumes from other classes to agricultural sector is an irresponsible statement. The Licensees cannot shift approved consumption volumes for other consumer categories to agricultural sector. If the consumption of a consumer category is expected to be beyond the approved volumes, alternative supply sources shall be examined with additional resources within applicable regulatory framework. The Commission would like to monitor and will intervene if the need arises and directs that;

> *Licensees shall file a monthly report on input, sales to different categories and with an explanation if there is a significant variation in consumption by any consumer category.*

COMMISSION ANALYSIS AND CONCLUSIONS

33. The Commission examined the forecasted sales for different consumer categories and found that the sales projections to LT-V: Agriculture and HT-IV: Irrigation and Agriculture are on higher side. The Commission further found that there are some discrepancies in sales volumes to Rural Electric Cooperative Societies (RESCOs) between the estimates made by Licensees and RESCOs. The issues are analysed hereunder.

SALES TO LT-V: AGRICULTURE

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. The details are given in Table 7.

Table 7: Sales Volume to LT-V: Agriculture (MU) for FY 2012-13

Sales Volume	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Filed by Licensees	9079.03	1799.59	4586.85	4510.89	**19976.36**
Approved by APERC	**8073.90**	**1714.80**	**3955.61**	**4481.59**	**18225.90**

SALES TO HT-IV: IRRIGATION AND AGRICULTURE

35. The sales forecast to HT-IV: Irrigation and Agriculture consumer category relies mostly on anticipation of coming up of different lift irrigation schemes. However, the actual sales volumes to this category are lower in recent past years compared with the estimates made by the Licensees. This issue has been analysed in detail in the Tariff Order issued for FY 2011-12. Since much uncertainty exists with regard to the coming up of many lift irrigation schemes, the Commission has fixed the sales volume to this category at 1079.17 MU for all Licensees for FY 2012-13.The details are given in Table 8.

Table 8: Sales to HT-IV: Irrigation and Agriculture (MU) for FY 2012-13

Sales Volume	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Filed by Licensees	921.56	518.80	853.34	188.39	**2482.09**
Approved by APERC	**439.30**	**196.68**	**383.64**	**59.55**	**1079.17**

SALES TO HT-VIII: RURAL ELECTRIC COOPERATIVES

36. The method followed for fixation of sale to LT-V: Agriculture for Licensees is adopted for fixation of sales to agriculture in supply areas of Rural Electric Cooperative Societies (RESCOs) and recomputed the sales to agriculture. With the adoption of the revised sales volume to agriculture category, the gross sales volume for each RESCO has been fixed. These revised sales volumes are lower compared with the filings made by the Licensees. The details are given in Table 9.

Table 9: Sales Volume to HT-VIII: RESCOs (MU) for FY 2012-13

Sales Volume	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Filed by Licensees	--	249.39	719.49	310.94	**1279.82**
Filed by RESCOs	--	252.60	731.63	313.40	**1297.63**
Approved by APERC	**--**	**239.94**	**686.39**	**287.80**	**1214.13**

SALES APPROVED FOR FY 2012-13

37. For all other consumer categories, the sales volumes are fixed at levels as proposed by Licensees for FY 2012-13. With the above mentioned modification to the forecasted sales, the total sales volume for FY 2012-13 is fixed at 77402 MU which is lower by 3219 MU compared with the 80621 MU sales forecast made by Licensees. The details of sales approved for each category of consumers for FY 2012-13 are given in Table 10.

Table 10: APERC Approved Sales for FY 2012-13 (MU)

Consumer Category	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
LT-I: Domestic	6941.57	3680.89	2460.63	4914.58	17997.67
LT-II:	2222.81	838.81	537.05	1222.15	4820.83

Consumer Category	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
Non Domestic /Commercial					
LT-III: Industrial	1270.23	602.62	314.08	1026.28	3213.20
LT-IV: Cottage Industries	18.67	2.29	7.06	30.27	58.29
LT-V: Agricultural	8073.90	1714.80	3955.61	4481.59	18225.90
LT-VI: Local Bodies	922.60	313.12	402.10	436.99	2074.81
LT-VII: General	79.88	43.19	31.97	55.01	210.05
LT-VIII: Temporary	1.26	0.88	0.03	1.77	3.94
HT-I: Industrial	12333.22	4558.18	1166.29	5184.89	23242.58
HT-II: Others	1869.59	562.63	100.19	531.99	3064.41
HT-IV: Irrigation and Agriculture	439.30	196.68	383.64	59.55	1079.17
HT-V: Railway Traction	163.38	604.63	438.95	641.37	1848.33
HT-VI: Townships and Colonies	108.96	34.76	130.53	49.03	323.28
HT-VII: Green Power	0.00	0.00	0.00	0.00	0.00
HT-VIII: Rural Elec. Cooperatives	0.00	239.94	686.39	287.80	1214.13
HT-IX: Temporary	4.94	20.22	0.00	0.00	25.16
Total	**34450.30**	**13413.65**	**10614.52**	**18923.27**	**77401.75**

POWER PURCHASE REQUIREMENT FOR FY 2012-13

38. In their filings, the Licensees have applied transmission and distribution losses (as percentage) different from the losses approved by the Commission as part of Multi Year Tariff Regulatory Framework for FY 2012-13. Taking into account the T & D losses percentage already fixed in the MYT order (as amended) for the year 2012-13, the Commission has computed the power purchase requirement at 90402.36 MU. The power purchase quantities as per filings and present determination for FY 2012-13 are given in Table 11.

Table 11: Power Purchase Quantity (MU) (Million kWh)

Power Purchase Quantity	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Filed by Licensees	42558.07	15507.25	14011.37	21836.71	**93913.40**
Approved by APERC	40832.39	15164.57	12721.82	21683.58	**90402.36**

CHAPTER-III

ANALYSIS OF POWER PURCHASE COST

POWER PURCHASE REQUIREMENT

39. Sales forecast and Sales growth projections estimated by the Licensees and network loss targets determined by the Commission in the MYT orders for FY 2009-14, read with amendments, are the key inputs for computation of Power Purchase requirement. For FY 2012-13, the Commission has approved the sales projections filed by Licensees for all categories, except agricultural and RESCOs sales, as mentioned in Chapter-II.

40. The power purchase requirements for each Licensee are computed by grossing up the approved sales at a particular voltage with the percentages of losses that are applicable at that voltage level to arrive at the input for the next higher voltage level. On the power purchase volumes from CGS (except NTPC Simhadri plant since it is directly connected to APGRID), additional loss of 4.98 percent has been considered towards loss in PGCIL Network in computing the power purchase requirement. The sales and power purchase requirement, filed and approved are given in Table 12. The details of sales are given in Annexure H (i) to H (v).

Table 12: Sales and Power Purchase Requirement for FY 2012-13(MkWh)

Licensee	Filings by Licensees		Approved by APERC	
	Sales	Purchase	Sales	Purchase
CPDCL	35606.40	42558.07	34135.49	40832.39
EPDCL	13532.73	15507.25	13228.15	15164.57
NPDCL	11737.66	14011.37	10605.28	12721.82
SPDCL	18584.95	21836.71	18443.52	21683.58
All Licensees	79461.75	93913.40	76412.44	90402.36

The approved sales of 77401.75 MU (shown in Table-10) for revenue calculation, consists of both MkWh and MkVAh units. The approved sales to arrive at power purchase quantity are 76412.44 MkWh (Shown in Table-12).

The Commission directed the Licensees to install tri-vector meters capable of recording kVAh consumption for all 20 HP and above industrial services and for all 10 kW and above LT II services. The Commission also directed to do kVAh based energy billing for all such services provided with tri-vector meters.

On account of reactive power drawal from the system, the kVAh units would be more than kWh units. The difference in units of 981.31 MU (i.e., 77401.75MU - 76412.44MU) are on account of kVAh based billing and due to drawal of reactive power by the consumers. At unity power factor, the kWh and kVAh units are equal, which can be achieved by installation of capacitors by the consumer.

41. In their filings, the Licensees have incorporated voltage-wise, month-wise losses to calculate the power purchase requirement for FY 2012-13. The Commission has adopted the voltage-wise (year-wise weighted average percentage) losses prescribed in the MYT Order for Second Control Period, as amended, to arrive at the power purchase requirements of Licensees for FY 2012-13. The Commission proposes to adopt month-wise losses as the basis for calculation for power purchase requirement during the FY 2013-14 (Last year of the current control period) so as to facilitate the adoption of the new methodology during the third control period i.e., 2014-2019.

AVAILABILITY OF ENERGY FROM DIFFERENT SOURCES

42. Licensees have projected an availability of 93913.40 MU from different sources of power for FY 2012-13. It includes 34748.59 MU from APGENCO thermal stations, 12555.85 MU from CGS-SR stations, 6406.53 MU from APGENCO Hydel Stations, 15438.41 MU from IPPs operating on gas.

Objection regarding Availability of Power from Hydel Stations

43. **Sri B.V. Raghavulu, Sri M Venugopala Rao and others** have stated that the Licensees have estimated availability of power from hydel plants of APGENCO during 2012-13 as 6407 MU. Since this is dependent on monsoon and availability of water in the reservoirs in the State, there is every scope for variation in the estimated availability of hydel power, they opined.

Licensees' Response:

The Licensees have considered a realistic estimate based on the 10-year average actual availability from hydel stations. Hence, even in case of a bad monsoon, the effect on availability would be minimal.

Commission's View:

The Commission, after consideration of all relevant factors including the figures of availability of hydel power during earlier years, has approved the projections of the Licensees on this aspect.

Objection regarding Availability of Gas to APGPCL

44. **Dr K Narayana, Sri M Thimma Reddy, Sri Gade Diwakar and others** observed that the filings for the year 2012-13 show that 274 MU will be available from APGPCL; the same filings also show that 409 MU are available during the year 2011-12. APGPCL is one of the cheapest sources of power in the state. News reports indicated that gas supply to APGPCL was curtailed by categorizing it as captive plant, they stated. It is intriguing that while merchant power plants like M/s Lanco Extension plant was given gas connectivity, the same was denied to APGPCL though it supplied power at less than half the cost of Lanco extension plant, they stated. They demanded that Licensees as well as the GoAP shall see that gas supplies are restored to APGPCL.

Licensees' Response:

The decision for allocation of gas is taken by an Empowered Group of Ministers (EGoM) based on certain guidelines. The licensees do not have any say in such matter. However, the licensees along with GoAP, have been representing to eGoM and MoPNG for higher gas allocation to state based generators which have entered PPAs with the licensees.

Commission's View:

Efforts of the Licensees in getting the higher gas allocation for the plants in AP is appreciated.

Objection regarding Non-fulfilment of Power Supply Obligation by Extension Projects of IPPs

45. **Dr K Narayana,Sri M Thimma Reddy, Sri Gade Diwakar, Sri K Raghu and others** observed all the IPPs in the state are setting up extension

plants and the National Tariff Policy (Section 5.1) provides that quantum of power equivalent to 50% of the existing capacity of these plants can be procured through PPA approved by the Commission. They further stated that the present installed capacity of these IPPs in the state is 2,500 MW and following the Tariff Policy, 1250 MW of power from the extension plants shall be available to the state at the rate decided by the Commission. They reminded that the Commission directed the Licensees to explore feasibility of acquiring a share of power in such expansion projects (Para 148 of Tariff Order for FY 2011-12). They referred that in the current filings, CPDCL stated that it had submitted its response to APERC vide letter NoCE/IPC/F.APERC/D.No. 105/11, dated 31-05-2011. The respective objectors requested the Commission to direct the Licensees to provide them a copy of the above letter and inform them about the further progress.

Licensees' Response:

The National Tariff Policy allowed the Licensees to procure power through PPA route for a period of five years only. Hence, from January 2011, all the future power procurement has to be done on a competitive bidding basis. The licensees have since called for procurement of 2,000 MW on a long term basis for 25 years and another 2000 MW on a medium term basis for a period of four years starting June 2012. Both these procurements are to be done on a competitive bidding basis.

Commission's View:

The reply of the Licensees is not satisfactory. The National Tariff Policy (Section 5.1) does provide that a quantum of power equivalent to 50% of the expansion capacities of the existing plants can be procured through PPA approved by the Commission. In the Tariff Order for FY 2011-12, Commission had directed the Licensees to examine this issue of getting a share of power from the extensions of the existing IPPs and file a report by 30.04.2011. But, no such report is received so far. While giving a reply (Page: 111; Para: 148 of Tariff

Order for FY 2011-12), Licensees themselves agreed that they requested the IPPs for 50% share in the energy to be generated by the extension projects. In view of these, the Commission reiterates its directive issued in FY 2011-12 and Licensees shall submit a report by 31.05.2012 and post the same on their respective websites.

Objection Regarding Projected Supply of Gas at a PLF of 75%

46. **Sri B.V. Raghavulu, Sri M Venugopala Rao and others** have expressed that the basis for expecting supply of gas on a PLF of 75% during 2012-13 is not explained by the Licensees when the present supply of gas is already reduced to 55% PLF. Against the contractual commitment of 70 mmscmd, RIL production of gas in the KG D6 fields has already been reduced from 45 to 38 mmscmd and to achieve a premature price-rise from the Government of India, RIL is scaling down the production of gas from KG D6 as a pressure-building tactic, they commented.

Licensees' Response:

The basis of consideration of 75% availability is as per the decision of EGoM that deals with the allocation of gas. However, the licensees have no control over the production and pricing of natural gas from RIL KG-D6 block and hence cannot predict variations in availability and price of the gas.

Commission's View:

The Commission has taken note of the latest gas availability position submitted by the Licensees in the light of the letter received from the Govt of India dated 13th March 2012 furnished by the Licensees, and determined the power purchase quantity and costs accordingly for FY 2012-13.

Objection regarding Non-Supply of Power to AP State DISCOMs in context of allocation of gas to Lanco Plant

47. **Dr K Narayana, Sri M Thimma Reddy,Sri Gade Diwakar and others** observed that the decision of the Ministry of Petroleum states that

"priority should be given to the power plants in Andhra Pradesh" and it means that power plants generate power for use in AP, but not generate power in AP and sell outside at huge profits. The directive seems to be to sell power to Licensees, they observed. M/s Lanco sold power through MOU, and not PPA, to other states. They stated that it can be concluded that Lanco Extension/Merchant plant got gas allocation with support of the state government and then it sold power at market price outside the state even when the state was reeling under extensive power cuts and power was procured from open market at high prices. They commented that it is another G Scam that is waiting to be unravelled urgently and justice is done to the people of the state. They further observed that the existing gas based power plants which have concluded PPAs with APDISCOMs with combined capacity of 2,500 MW were working below their threshold level PLF and if the same 1.46 MCMD gas was allocated to these plants additional power should have been available at Rs. 1.85 per unit against the market price of about Rs. 5 per unit. Because of the diversion of gas to the M/s Lanco, consumers in the state had to bear additional burden of Rs. 3 per unit, they pointed out. When Licensees in the state and consequently consumers as well as the state government are under severe financial burden, because of high cost power purchase, it is unthinkable to allot gas to a merchant power plant.

Licensees' Response:

At present M/s Lanco stage-II is supplying power to Licensees to the extent of available gas supplies. Further, M/s Lanco Stage-II have provided an undertaking stating that they will participate in ensuing medium term bidding proposed for supply of power from June 2012 to June 2016.

Commission's View:

The reply given by the Licensees is found to be not relevant to the objection raised. The 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.

Objection regarding adequacy of Share of Power from NTPC, Simhadri-II

48. **Dr K Narayana, Sri M Thimma Reddy , Sri Gade Diwakar and others** observed that the ARR filings for the year 2012-13 show that in NTPC Simhadri – II units of 1000 MW capacity, AP's share is 38.71% only. In a meeting held on 11 September 2011, the Union Cabinet Minister for Power announced that AP will get 50% of the share in the new unit. Based on this available capacity from Simhadri – II, AP shall get 500 MW as its share, but not 387.31 MW. **Sri B.V. Raghavulu State Secretary CPI (M) Party of India, Sri M Venugopala Rao Sr Journalist and others** expressed their concern over the financial loss to the Licensees due to the delay in commissioning of the NTPC Simhadri plant.

Licensees' Response:

The firm allocation from NTPC Simhadri Stage II given to Andhra Pradesh is 38.71%. There has been no information to the licensees for increase in share of power to A.P to 50% as per the announcement of the Union Power Minister. The licensee will follow up on this issue with the concerned authorities.

Commission's View:

The firm allocation from the central generating stations is the prerogative of the Govt of India. The Commission desires that the Licensees of AP, with the help of the Govt of AP, shall pursue with the Govt of India to get the maximum possible allocations to AP.

Objection regarding Availability of Power from NCE Units

49. **Sri B.V. Raghavulu, Sri M Venugopala Rao and others** have stated that while the installed capacity of NCE units with whom the DISCOMs had PPAs is 713.45 MW in 2011-12, it is estimated to increase to

975.45 MW in 2012-13, with additional capacity coming mainly from wind power projects to the tune of about Rs.250 MW; the availability of power from NCE units is estimated to increase to 1347 MU. These declining trends in availability of NCE power belie the claims that NCE units are not being encouraged in the State, in view of lesser availability of power by more than 50% compared to the optimum level that should actually be achieved.

Licensees' Response:

Licensees agree with the objectors and request the Commission to consider the availability of power from NCEs accordingly.

Commission's View:

The Commission has considered the power availability from the NCE units as projected by the Licensees.

DETERMINATION OF AVAILABILITY OF POWER FROM DIFFERENT SOURCES

50. The station wise energy availability from different sources for FY 2012-13 has been examined by the Commission in the light of the objections received. The Commission, after careful examination of the energy required to be procured from different sources for FY 2012-13, has pegged the same at 90,402.36 MU as against a quantum of 93913.40 MU filed by the Licensees. The Commission initially assessed the short term requirement at 4407.42 MU against 12,449.54 MU projected by the Licensees in their filings. Commission initially assessed Hydro availability at 8063.17 MU as against 6406.53 MU projected by the Licensees. The Commission has initially assessed energy availability from gas based stations at 16141.29 MU. However, before these figures could be finalised, the Licensees, during the third week of March 2012, have brought to the notice of the Commission a communication dated 13-03-2012 received from the Minister of Power regarding shortfall in the availability of gas at KG basin and requested the Commission to take the latest, reduced availability of gas instead of projected availability in the ARR filings. The Licensees, also separately requested to retain the Hydro

availability at a level of 6406.53 MU as filed by them, as it was based on historical hydrological / actual generation data. After careful examination, the Commission has decided to take into account the revised projections of gas availability in view of the communication dated 13-03-2012 of the GoI and also the projections of Licensees regarding Hydro Power availability while finally evaluating power purchase quantum and cost. Accordingly, availability from gas stations has been finalised by the Commission at 8924 MU which is lesser by 7217.29 MU as compared to the initial assessment of 16141.29 MU. The Commission has also reworked the availability of Hydro energy by revising it downwards to a level of 6406.53 MU as filed by the Licensees.

51. As a result of above changes, the requirement of short term power is increased to a level of 13281.36 MU from initially assessed quantum of 4407.42 MU.

52. However, Licensees are expected to review the availability status of power from Hydel & gas plants and prefer to purchase power from those sources only, instead of resorting to purchase of power from market sources. The details of energy availability from various generating sources are given in Table 13.

Table 13: Availability by Source for FY 2012-13(MU)

Source of Energy	Filings by Licensees	Approved by APERC
APGENCO		
a) Thermal stations	34748.59	35590.31
b) Hydel stations	6406.53	6406.53
CGS-SR	12555.85	13765.41
NTPC-Simhadri	10579.00	10695.00
APGPCL	274.44	278.70
IPPs	15438.41	8924.00
OTHERS		
a) Non-Conventional	1347.05	1347.05
b) Mini Power plants	114.00	114.00
c) Market	12449.54	13281.36
TOTAL	**93913.40**	**90402.36**

53. Station wise break-up of availability from different sources as filed by the Licensees and as approved by the Commission are given in Annexure D(ii).

POWER PURCHASE COST

54. Licensees have filed power purchase cost of 28604.02 Cr. (after adjusting the revenue received from power trading of Rs.1030.52 Cr.) for a required energy of 93913.40 MU at an average power purchase cost of Rs.3.05/kWh. The average power purchase cost as per the filing in respect of APGENCO thermal stations has been projected as Rs.3.05/kWh, from IPPs at Rs.2.85/kWh and from CGS-SR stations at Rs.2.61/kWh.

Objection Regarding Power Purchase Cost Projection in Retail Supply Formats

55. **Dr K Narayana, Sri M Thimma Reddy, Sri Gade Diwakar and others** observed that the ARRs filed by the licensees contain different figures for power purchase costs. On page No. 35 of APCPDCL's ARR total power purchase costs of all the licensees will be Rs. 28,604.02 Cr; but, if the power purchase costs of all the licensees are added, from their ARR regulatory formats, total power purchase cost amounts to Rs. 29,051.22 Cr. The difference is Rs. 447.20 Cr and there is no explanation in the ARRs for this difference, they commented.

Table 14: Power Purchase Cost (Rs. Cr) for FY 2012-13

Licensee				All Licensees
CPDCL	EPDCL	NPDCL	SPDCL	
13,224.02	4,867.84	4,162.42	6,796.94	**29,051.22**

Licensees' Response:

The difference observed in the power purchase costs is due to an inherent defect in the RSF Formats issued by APERC. This issue has been brought to the notice of APERC with a request to rectify the same, but, is not yet addressed. The power purchase cost shown in RSF Form-1 must be adjusted with the Revenue from trading amount

obtained from RSF Form 1.4(b) to get the actual power purchase cost. The table given below clarifies this issue. Accordingly, the projected gross power purchase cost of NPDCL for the FY 2012-13 is Rs. 4745.73 Crores. The net projected power purchase cost after netting of expected revenue Rs. 583.32 Crores from trading (Pool transaction i.e., D-D sales) is Rs 4,162.42 Crores.

Table 15: Power Purchase Cost (Rs. Cr)

Licensee	Power Purchase Cost (Rs. Cr)	Power Purchase Cost (Rs. Cr) – As per RSF Form - 1	Revenue from Trading (Rs. Cr) – As per RSF Form – 1.4(b)	Actual Power Purchase Cost (Rs. Cr)
CPDCL	13,224.02	13,224.02	326.91	12,897.11
EPDCL	4,867.84	4,867.84	51.29	4,816.55
NPDCL	4,162.42	4,745.73	583.32	4,162.41
SPDCL	6,796.94	6,796.94	69.00	6,727.94
All Licensees	**29,051.22**	**29634.53**	**1030.52**	**28,604.02**

Commission's View*:*

All licensees combined gross power purchase in an entire Financial Year is Rs. 29,634.53 Cr. But, during certain months, some licensees will have deficit and at the same time the others will have surplus power, who will in turn sell this surplus power to the deficit licensees This is a continuous process. The sale of power is shown by the licensees, in the RSF-1 format, as revenue gains, as there is no provision in the power purchase cost format 1.4 to incorporate negative value to account for sale of power to the other licensees. The Commission proposes to suitably modify the relevant formats.

Objection Regarding Power Purchase Costs

56. **Sri B.V. Raghavulu, Sri M Venugopala Rao, and others** have stated that for the year 2011-12, the Commission had permitted purchase of

83,612 MU by the four licensees at an estimated cost of Rs.20468 Cr; compared to this, while the projected quantum of power purchase for 2012-13 increases by 12.32%, the cost of power purchase increases by 29.55%. In other words, disproportionate increase in estimated cost of power purchase vis-a-vis increase in quantum of power projected to be purchased is the main reason for abnormal growth in revenue gap of the four licensees for the year 2012-13.

Licensees' Response:

The major reason for increase in power purchase cost, as compared to FY 2011-12, is due to the factoring in of imported coal cost to the tune of Rs. 1930 Cr. Further, due to the realistic lower availability considered from hydel stations, gas based IPPs and NCEs; the short fall had to be procured at a higher rate through short term purchases. This has impacted the power purchase cost substantially leading to a sudden increase.

Commission's View:

The Commission has considered all relevant factors while scrutinising the power purchase costs submitted by the licensees while determining the ARR in this Tariff Order.

Objection Regarding Estimated Power Purchase Costs

57. **Sri B.V. Raghavulu, Sri M Venugopala Rao, and others** have observed that for purchasing 12,450 MU during 2012-13, from external sources, the licensees have estimated the rates to be Rs.3.75 per unit from June, 2012 to January, 2013 and Rs.4.75 per unit from February to May, 2013 and that the average cost works out to Rs.4.17 per unit and total cost of Rs.5193 Cr. In other words, these projections show a growth of 9.74% in such power purchases in one year. In addition, the licensees have requested the Commission to grant permission to procure power from short-term sources at a ceiling price of Rs.5.50 per unit, in case of shortage in availability from approved stations in the tariff order.

Licensees' Response:

The licensees have already begun the process for medium term procurement of 2000 MW from June 2012 through competitive bidding process. The licensee estimates the price to be lower as compared to the Short term price. Hence, the licensees have estimated the average power purchase price of external power purchases to be Rs.4.17/unit; the increase of 9.74% in average prices of bilateral purchases is due to additional bilateral purchases in the ensuing year compared to the current year. This has led to the increase in weighted average cost.

Commission's View:

The requirement of short term power purchases is being worked out after thorough scrutiny of the availability of power from all the existing sources of generation for the ensuing tariff year.

Objection regarding Increase in Fixed costs of APGENCO Plants

58. **Dr K Narayana, Sri M Thimma Reddy, Sri Gade Diwakar and others** observed that the six new thermal power plants are in operation in the state; they are VTPS - IV, RTPP - II, RTPP - III, KTPS - VI, Kakatiya - I and Simhadri - II and except the last one all other five plants are set up by APGENCO. Though they are already in operation, PPAs with them are not cleared by the Commission. Even then the Commission is allowing the DISCOMs to procure power from these plants. Though the draft PPAs are with the Commission for quite some time the Commission has chosen not to take it up. They observed that compared to the fixed costs of Ultra Mega Power Plant at Mundra in Gujarat set up by Tatas and which started generation recently, the fixed costs of APGENCO plants and NTPC Simhadri plants are higher by 40% to 120%. They further opined that as soon as possible the PPAs with APGENCO are finalized through transparent process paving path to economical and efficient procurement of power in the state. For the year 2012-13 fixed costs of APGENCO hydel units is placed at Rs.1172 Cr.

Table 16: Capital Costs of GENCO Hydel Plants

Year	2008-09	2009-10	2010-11	2011-12	2012-13
Fixed Cost (Rs. Cr)	220	908	967	1008	1172
Unit cost (Rs./kWh)	0.24	1.01	1.31	1.22	1.89

Table 17: Variable Cost (Rs./kWh)

Year	2008-09	2012-13
APGENCO	1.44	1.60
CGS (Excl Simhadri)	1.15	2.61
Simhadri	1.11	2.10
IPPs	1.10	1.85

Licensees' Response:

The draft PPAs have already been submitted to the Hon'ble Commission for review and approval process. Currently, the matter is under the purview of the Hon'ble APERC.

Commission's View:

The PPAs entered into by the licensees with the plants of APGENCO are presently under consideration of APERC. While giving the consent to such PPAs, all such objections raised would be examined.

Objection regarding efficiency levels in operation of APGENCO plants

59. **Dr K Narayana, Sri M Thimma Reddy,Sri Gade Diwakar and others** pointed out that a review of coal records of Dr. NTTPP (Selected unit) revealed that the Company suffered transit loss ranged between 2.05% and 3.13% against the norm of 0.8% fixed by CERC during the period under review. The plant during the review period, had transit loss of 7,65,000 MT of coal, valuing Rs. 108.48 Cr, contributing to 77% of total transit loss suffered by the Company during the same period. According to Para 2.2.25 of this audit Report, due to use of coal having less gross calorific value (GCV) & consumption of excess heat than the designed heat rate (due to leakages of steam in the aging

units of power plants on account of delay in taking up of the life extension programmes), there was a loss of about 4,845.29 Cr on account of use of low GCV coal & about Rs 1,099.53 Cr on account of high heat rate respectively. They requested the Commission to see that the financial burden arising out of these inefficiencies are not transferred on to the consumers.

Licensees' Response:

Issue is under the purview of APERC.

Commission's View:

Determination of tariff from the generating plants is governed by Regulation No: 1 of 2008 of APERC. As part of this process, aspects like gross calorific value (GCV) & consumption of excess heat as compared to normative heat rates, transit loss percentages etc., are looked into while determining the tariff for generating plants. This regulation is applicable for determination of tariff for the power generated by the plants under APGENCO too, and as such the concerns expressed by the objectors will be addressed during such determination of tariff.

Suggestions regarding coal price

60. **Dr K Narayana, Sri M Thimma Reddy, Sri Gade Diwakar and others** pointed out that in the year 2009-10 Singareni Collieries paid Rs. 17.71Cr as dividend to GoAP for its 51% share in the company. Similarly in the year 2010-11 it paid Rs. 44.28 Cr as dividend to GoAP. When coal mining companies like Coal India and Singareni Collieries are reaping such huge profits there is no reason to increase coal prices. DISCOMs and GOAP shall try to see that these coal prices are brought down, they suggested. **Sri GR Karunakar** also expressed concern over the rising prices of fuels like coal & gas.

Licensees' Response:

Determination of fuel prices is not under the purview of the Licensees.

Commission's View:

Regulation of Coal Prices, even those impinging on power generation are not within the purview of ERCs. However, licensees may take up this issue with the Govt of India through the Government of Andhra Pradesh.

DETERMINATION OF POWER PURCHASE COST

(A) APGENCO-Fixed Cost

61. Pending determination of generation tariff for APGENCO's power stations for FY 2012-13, the fixed cost is determined based on information provided by APGENCO in its application for determination of generation tariff and updates on subsequent information in accordance with the Regulation 1 of 2008.

62. The fixed cost for APGENCO Thermal and Hydel stations is estimated at Rs.5071.10 Cr., i.e. the same amount as filed by Licensees for FY 2012-13. The fixed cost computed here is subject to corrections to be carried out upon the determination of generation tariff for APGENCO stations. The details of station-wise fixed costs approved in the ARR of DISCOMs are given in Annexure F.

(B) Central Despatch and Power Purchase Cost for FY 2012-13

63. The monthly availability of energy from different thermal power stations along with variable costs as estimated by the Commission (based on actual bills claimed by majority of the generating companies during Second Half of FY 2011-12 till the Month of January, 2012) was used for monthly merit order dispatch for FY 2012-13. The details are given in Annexure D(iii). In the merit order despatch, the monthly energy availability from each generating station is stacked up in ascending order of variable cost and dispatched to meet requirements of all the four Licensees. Accordingly, in the merit order model, the cost of power procurement is minimized to the extent possible with reference to monthly information on availability and requirement. The details of

power purchase cost filed are given in Table 18 and the power purchase cost estimated and approved for tariff calculations are given in Table 19 and further details are given in Annexure G(i) to G(v). A summary of monthly and quarterly variable costs is also given as Annexure G(vi) for the purpose of FSA calculations.

Table 18: As per ARR Filings:Power Purchase Costs for FY 2012-13– Total

Source	Power Purchase	Fixed Cost	Variable Cost	Incentive	Inc. Tax And Others	Total Cost	Avg. Cost
	(MU)	(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APGENCO							
Thermal	34748.59	3898.70	6601.29	51.27	33.09	10584.35	3.05
Hydel	6406.53	1172.40	0.00	0.00	36.83	1209.23	1.89
CGS excl NTPC-Simhadri	12555.85	733.83	2548.37	0.00	0.00	3282.20	2.61
NTPC-Simhadri	10579.00	1160.06	2221.59	0.00	0.00	3381.65	3.20
APGPCL	274.44	3.87	49.84	0.00	0.00	53.71	1.96
IPPs	15438.41	1529.21	2857.34	11.57	0.00	4398.12	2.85
NCE	1347.05	0.00	434.44	0.00	0.00	434.44	3.23
Others(Srivathsa,LVS)	114.00	42.12	25.08	0.00	0.00	67.20	5.90
Other short term sources	12449.54	0.00	5193.11	0.00	0.00	5193.11	4.17
TOTAL	93913.40	8540.19	19931.06	62.84	69.92	28604.02	3.05

(C) MERIT ORDER DESPATCH: D-D ENERGY TRANSFER PRICING AND COSTS

64. Since almost all generating stations are shared by four Licensees and the power from the generating stations is dispatched on central basis, often the energy share of one Licensee happens to be utilized by another Licensee (DISCOM TO DISCOM transfers). In the merit order process adopted for estimating the power purchase cost, such transfer of energy is priced at Rs.0.92848/kWh as fixed cost and Rs.2.65/kWh as variable cost. The fixed cost adopted is the average fixed cost of all generating stations for FY 2012-13 and the variable cost adopted is the variable cost of last station, which is dispatched as marginal station. After pricing the D-to-D energy transfer, the

power purchase cost is placed differently for each Licensee to the extent of surplus/deficit. The details of power purchase cost before and after D-to-D transfer are given in Table 20.

Table 19: APERC: Power Purchase Cost for FY 2012-13 – Total

Source	Power Purchase	Fixed Cost	Variable Cost	Incentive	Inc.Tax & Others	Total Cost	Avg. Cost
	(MU)	(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)	(Rs Cr)
APGenco							
Thermal	35590.32	3898.70	6768.95	51.27	33.09	10752.01	3.02
Hydel	6406.53	1172.40	--	--	36.83	1209.23	1.89
CGS excl NTPC-Simhadri	13765.41	733.83	2776.19	--	--	3510.02	2.55
NTPC-Simhadri	10695.00	1160.06	2,245.95	--	--	3406.01	3.18
APGPCL	278.70	3.87	50.66	--	--	54.53	1.96
IPPs	8924.00	1382.71	1672.22	--	--	3054.92	3.42
NCE	1347.05	0.00	434.44	--	--	434.44	3.23
Others (Srivathsa, LVS)	114.00	42.12	25.08	--	--	67.20	5.90
Other short term sources	13281.36	0.00	5535.93	--	--	5535.93	4.17
TOTAL	90402.36	8393.69	19509.42	51.27	69.92	28024.30	3.10

Table 20: Cost Adjustment for D-to-D Energy Transfer for FY 2012-13

Licensee	Allocation from total approved energy	Energy purchase Required	Surplus / (Deficit)	Energy Cost before D-to-D transfer	Energy cost after D-to-D transfer
	(MU)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)
CPDCL	41323.68	40832.39	491.28	12,789.77	12,613.96
EPDCL	14373.83	15164.57	(790.74)	4,483.57	4,766.53
NPDCL	14348.71	12721.82	1626.89	4,443.56	3861.38
SPDCL	20356.15	21683.58	(1327.43)	6,307.41	6782.43
All Licensees	90402.36	90402.36	0.00	28,024.30	28024.30

(D) NON-CONVENTIONAL ENERGY (NCE) SOURCES-COST ADJUSTMENT

65. The Licensees have projected purchase of 1347.05 MU from NCE sources and the Licensee-wise details are given in their respective filings. Together with 185.74 MU pertaining to mini Hydel units of APGENCO, the total projected purchase from NCE sources comes to 1532.79 MU (as against 3156.94 MU projected for FY 2011-12), which is considered in power purchase cost computations.

66. With the above purchase volume, the purchase from NCE sources, as a percentage of total purchase for all four Licensees, works out to 1.70 percent. As per the DISCOM-wise filings, the NCE purchase ratio is at 1.07 percent, 1.64 percent, 1.83 percent and 2.90 percent for CPDCL, EPDCL, NPDCL and SPDCL respectively.

Table 21: Non-Conventional Energy (NCE) sources: Details for FY 2012-13

Station	Energy (MU)	Power Purchase Cost for FY 2012-13 (Rs Cr)	Total charges per Unit (Rs/kWh)
NCE – Biomass	687.64	244.36	3.55
NCE – Bagasse	286.87	83.30	2.90
NCE – Municipal Waste to Energy	0.00	0.00	0.00
NCE – Industrial Waste to Energy	58.48	24.41	4.17
NCE – Wind Power	123.53	42.28	3.42
NCE – Mini Hydel	164.69	33.71	2.05
NCE – NCL Energy Ltd.	21.00	3.74	1.78
NCE-Others	4.85	2.63	5.43
Total	1347.05	434.44	3.23

67. The NCE projects are allocated to the Licensees by Government of Andhra Pradesh on the basis of their location which ensures that the project developers are not put to avoidable inconvenience, in having to deal with more than one Licensee. But the cost of purchase is shared by all four Licensees for the quantum of energy calculated at the State average percentage from NCE sources. Since some of the Licensees are at advantage due to the lower cost of electricity this

year from NCE sources compared to the cost under Discom-to-Discom energy transfer, it has been decided to distribute the cost of purchase from NCE sources among the four Licensees equally, i.e. each Licensee will have 1.70 percent purchase from NCE sources.

68. Each Licensee bears a cost of 1.70 percent of its total purchase requirement from NCE sources at the weighted average cost of purchase, i.e. Rs.2.8343/kWh. The additional power purchase cost is worked out for NCE surplus Licensees on the surplus energy at Rs.0.7442/kWh which is the difference between NCE purchase rate of Rs.2.8343/kWh and Rs.3.5785/kWh (sum of average fixed cost and marginal variable cost of station taken in D-to-D energy transfer pricing) and this amount has been included in the power purchase cost. The total power purchase cost for each Licensee has been computed after this adjustment for FY 2012-13 and details are given in table below.

Table 22: Power Purchase Cost for FY 2012-13

Licensee	Allocation from NCE sources	NCE purchase Required	Surplus / (Deficit)	Power Purchase Cost before adjustment	Power Purchase cost after adjustment
	(MU)	(MU)	(MU)	Rs Cr	Rs Cr
CPDCL	442.86	692.32	(249.46)	12613.96	12592.22
EPDCL	236.44	257.12	(20.67)	4766.53	4766.04
NPDCL	263.20	215.70	47.50	3861.38	3862.80
SPDCL	590.28	367.65	222.63	6782.43	6803.25
All Licensees	**1532.79**	**1532.79**	**270.130**	**28,024.30**	**28,024.30**

(E) MAXIMUM CEILING PRICE FOR SHORT TERM POWER PURCHASES

69. The Commission observed that SLDC has resorted to heavy backing down of Low cost approved stations in the order of more than 3000 MU during FY 2010-11 and more than 1250 MU during FY 2011-12 to accommodate 'Round The Clock (RTC) purchases' from Short Term sources. This is viewed as a serious departure from the 'Principle of Competitive Procurement of power' by Licensees.

70. There is a need for external power purchase during all the months of FY 2012-13 as per the monthly availability and requirements of

energy determined by the Commission for all four Licensees in the Merit Order Despatch based on the information provided by Licensees. However, actual purchase shall be made judiciously with advance analysis based on prevailing Demand and Supply conditions during the current month. Although the Short Term Purchases have been estimated @ Rs. 4.17 per kWh for the purpose of estimation of Annual Power Purchase Cost, the actual price of purchase shall be subject to Peak and Off-Peak Ceiling prices as mentioned in the paragraph infra.

The Commission, after careful consideration of information furnished by the licensees and analysis made for energy availability for FY 2012-13, fixed the maximum ceiling price for purchases from such external / Short Term Sources at Rs. 2.65 per kWh for purchases during Off-Peak hours and Rs. 4.50 per kWh for purchases during Peak hours, subject to procurement of power from such sources by Web based competitive procurement process, for a period not exceeding 1 year. This maximum ceiling price is not applicable to purchases made through CERC approved Power Exchanges like, IEX and IPX. The Licensees are directed

> *to submit monthly reports specifically enumerating the short term purchases made during the month including the sources from and rates at which such purchases were made.*

71. The Commission also re-iterates the following directive issued in the Tariff Order 2011-12.

> *The Commission directs the DISCOMs to submit monthly statements on station wise deviations of actual quantum purchased and Fixed & Variable Costs thereof compared to the respective values taken in the Tariff Order. Such reports must be submitted with in 30 days of completion of each month.*

CHAPTER-IV
REVENUE REQUIREMENT

INTRODUCTION

72. In this chapter, the Commission has analysed the Aggregate Revenue Requirement filed by the Licensees in the light of the objections/suggestions / issues raised by various persons in writing and during public hearings on revenue requirement and determined the Aggregate Revenue Requirement and the Cost of Service for different consumer categories for FY 2012-13.

AGGREGATE REVENUE REQUIREMENT (ARR)

73. The aggregate revenue requirement (ARR) (the revenue required to meet the supply cost, for the supply of the forecasted sales volume) has been estimated and filed by the Licensees for FY 2012-13 at Rs.36090.31 cr. The details of the estimated revenue requirement are given in Table 23.

Table 23: Revenue Requirement as per Filings for FY 2012-13 (Rs.Cr)

ARR/Cost Item	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Distribution	1531.21	733.37	805.02	1199.54	4269.14
Power Purchase *	13224.02	4867.84	4745.73	6796.94	29634.54
Transmission	581.80	205.38	199.56	292.39	1279.14
SLDC Charges	17.53	6.19	6.01	8.81	38.54
PGCIL Charges	255.32	87.58	117.72	123.45	584.07
ULDC Charges	12.37	4.24	4.26	5.98	26.85
Interest on Consumer Security Deposits	103.94	42.08	20.56	51.51	218.10
Supply Margin	11.09	5.10	7.13	14.71	38.03
Others expenses	0.82	0.28	0.41	0.39	1.90
Revenue Requirements	**15738.10**	**5952.07**	**5906.41**	**8493.72**	**36090.31**

* before adjusting for revenue from power trading of Rs.1030.52 Cr.

OBJECTIONS/SUGGESTIONS

ARR and External Subsidy

74. **Sri B.V. Raghavulu and Sri M Venugopala Rao** expressed that License filings indicate hefty Government subsidy Rs.6103 Cr. even after incorporating tariff hike of Rs.4950 Cr. However, as usual, the Commission may reduce the revenue requirement and revenue gap for Licensees, there by reducing requirement of subsidy from the Government.

Licensees' Response:

Reducing the revenue requirement and revenue gap of the Licensees would put the Licensees at a further financial loss. Hence, the Licensees pray that the Commission to consider the assumptions made by the Licensees in estimating the revenue requirement and revenue gap for the ensuing year.

Commission's View:

There is no direct link between ARR and Subsidy provided by the Government. The ARR is finalized after carrying out prudent checks by the Commission as explained in this chapter. The Commission determines the tariff rates for recovery of approved ARR. The Government of Andhra Pradesh provides subsidy to maintain tariff below the full cost recovery tariff determined by the Commission for chosen consumer categories.

Spill over from Previous Years

75. **Sri B.V. Raghavulu, Sri M Venugopala Rao, Sri G. R. Karunakar and others** expressed, in one form or other, that the Commission should not include a revenue requirement higher than the approved figure that flows from previous financial years on account of FSA, increase in agricultural consumption and technical losses, etc. into the current revenue requirement. Instead, they suggested that the issue be undertaken after completion of audited accounts separately.

Licensees' Response:

Licensees have not adjusted the claims through FSA in the revised revenue gap for FY 2011-12. After adjusting the FSA claims, which will be finalized after each quarter, the licensees may seek true up of additional losses and additional agricultural sales over and above the tariff order quantity for which the cost has already been incurred. The recovery of such cost shall be inevitable after completion of the previous year thereby leading to spill over.

Commission's View:

The Commission has decided not to include any amounts relating to previous years, whatever the reason may be, into revenue requirement for FY 2012-13. As such there would be no recovery expenses relating to previous years through the tariff applicable for FY 2012-13. The Licensees may file separate applications for true up as per the existing regulatory framework.

COMMISSION ANALYSIS OF REVENUE REQUIREMENT

Power Purchase Cost

76. The Commission has conducted a detailed analysis of power purchase cost for FY 2012-13 in Chapter-III and determined the power purchase cost for each licensee for FY 2012-13. The Commission has adopted this power purchase cost for FY 2012-13 which is lower compared with filings by Licensees. The summary is reproduced in Table 24.

Table 24: Power Purchase Cost for FY 2012-13 (Rs.Cr.)

Power Purchase Cost	Licensee				TOTAL
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Filed by Licensee(s)	12897.11	4816.56	4162.41	6727.94	28604.02
Approved by the Commission	12592.22	4766.04	3862.80	6803.25	28024.30

PGCIL and ULDC Expenses

77. The Commission has found that the cost estimated for PGCIL and ULDC services (inter state transmission charges to be paid by licensees in connection with the power evacuation from central generating stations) are on higher side. The costs were revised downwards in keeping with the guidelines recently issued to licensees. As per this computation, the charges payable to PGCIL are lower by Rs.100 Cr. and for ULDC services are lower by Rs.3 Cr. for FY 2012-13. The details are given in Table 25.

Table 25: PGCIL and ULDC Cost for FY 2012-13 (Rs.Cr.)

PGCIL and ULDC Cost	Licensee				TOTAL
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Filed by Licensee(s)	267.69	91.82	121.98	129.43	610.92
Approved by the Commission	220.60	76.80	101.77	108.14	507.31

Interest on Consumer Security Deposits

78. The Commission has observed that the cost estimated for interest on consumer security deposit (to be paid by Licensees to the consumers on the consumption deposits of consumers held by Licensees) is on higher side. This cost item is revised downwards after due verification with the annual accounts of Licensees of FY 2010-11. The revised interest cost on consumer security deposits is assessed at Rs.186 Cr., which is lower (by Rs.32 Cr.) compared with the filing estimate of Rs.218 Cr. The details are given in Other Costs (Table 26).

OTHER COSTS

79. All other costs are approved by the Commission as per the filings made by the Licensees as these costs are as per the approval given by the Commission for FY 2012-13 as per the MYT regulatory framework.

Table 26: Interest on Consumer Security Deposit for FY 2012-13 (Rs.Cr.)

Interest on C.S.D	Licensee				TOTAL
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Filed by Licensee(s)	103.94	42.08	20.56	51.51	**218.10**
Approved by the Commission	88.52	38.78	20.45	37.79	**185.54**

REVENUE REQUIREMENT FOR FY 2012-13

80. In the light of the above analysis, the Commission has determined the revenue requirement for FY 2012-13 at Rs.34344 Cr. which is lower (by 1746 Cr.) compared with Rs.36090 Cr revenue requirement filed by the Licensees. The details of Commission approved revenue requirement for FY 2012-13 are given in Table 27.

Table 27: APERC Approved Requirement for FY 2012-13 (Rs.Cr.)

ARR/Cost Item	Licensee				TOTAL
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Distribution	1531.21	733.37	805.02	1199.54	**4269.14**
Power Purchase	12592.22	4766.04	3,862.80	6,803.25	**28,024.30**
Transmission	581.80	205.38	199.56	292.39	**1279.13**
SLDC Charges	17.53	6.19	6.01	8.81	**38.54**
PGCIL Charges	211.49	72.55	97.51	102.25	**483.80**
ULDC Charges	9.11	4.25	4.26	5.89	**23.51**
Interest on Consumer Security Deposits	88.52	38.78	20.45	37.79	**185.54**
Supply Margin	11.09	5.10	7.13	14.71	**38.03**
Others expenses	0.82	0.28	0.41	0.39	**1.90**
Revenue Requirement	**15043.78**	**5831.93**	**5003.15**	**8465.02**	**34343.89**

COST OF SERVICE FOR FY 2012-13

OBJECTIONS/SUGGESTIONS REGARDING COST OF SERVICE

Methodology of Tariff Determination -Cost of service (CoS) Model Vs Embedded Cost Model

81. **M/s Synergies Castings Ltd,** submitted that it is inferred from the proposals of the Licensee that, they are basing on the one important

parameter called Average Cost of Supply (CoS) to justify the tariff increase. The Commission and the Licensees have been following embedded cost of supply methodology for calculating the CoS for the past about 12 years. Suddenly shifting to a new methodology of CoS to justify Tariff increase according to their convenience is not correct. Embedded CoS method is superior, processes lot of data, takes into account reasonable cost allocation to different categories, etc. Even if we take average CoS, it should differentiate for voltage level and should not be uniform across all voltages.

Licensees' Response:

Licensee has calculated Cost of Service under embedded cost method only and not Average cost method.

Commission's View:

The Licensees' reference to average cost in support of raise in tariff is not acceptable. The Commission, in this Tariff Order, has computed the embedded cost following the traditional practice of the Commission which tallies with the suggestion of the objector. However, computing the cost of service for each consumer category separately based on embedded cost model is data intensive and such data is not readily available. However, the cost of service for major consumer categories in HT-I(A): (Industry General) and HT-II: (Others) have been computed for three voltages, (a) 11 kV, (b) 33 kV and (c) 132 kV and above FY 2012-13.

Explanation for Differential Unit Cost

82. **AP Spinning Mills Association and others** have submitted that CoS has gone up from Rs.4.07 per unit to Rs.4.66 per unit in LT category, an increase of Rs.0.59 or by 14.5%; Rs.3.57 to Rs.4.44 in HT 11 kV industrial, an increase of Rs.0.87 or by 24.35%; Rs.2.88 to Rs.3.70 in HT 33 kV industrial, an increase of Rs.0.82 or by 28.47%; Rs.2.74 to Rs.3.48 in HT 132 kV industrial; an increase of Rs.0.74 or by 27%; They stated that it is pertinent to note that CoS of LT category V(A) -

agricultural is lower than CoS to domestic, non domestic and category III-industrial and it is not understandable how CoS to category I, II, V(A), VII and even VIII is lower than category III (A & B) - Industrial and as to how CoS of 11 kV, 33 kV, 132 kV is progressively increasing. CoS revenue from Form-13 and Cost allocation factor in form- 4 is neither useful nor informative for the given purported cost of service in ARR proposals and there is no explanation anywhere for form-4 with an illustrative cost for at least one category for the consumers to react and raise objections, they pointed out. They expressed that the cost allocation is skewed in favour of consumers of certain categories. **M/s Sri Shiva Spinning Mills Association and others** have also submitted similar views on the tariffs proposed by the Licensees,

Licensees' Response:

The steps involved in the determining the Category wise CoS are: (a) Forecasting the energy and peak demand requirements for the power system in the year under consideration; (b) Forecasting the energy and peak demand requirements at the transmission-distribution interface in that year; (c) Estimating the energy and peak demand requirements for each customer category for that year; (d) Estimating the costs of providing the energy and peak demand required for each customer category; and (e) Classifying and allocating the above costs to various consumer categories of licensees at the retail level; The DISCOM peak demands, both coincident and non-coincident are estimated using basic load shape synthesis model. Load shapes of different categories of consumers are constructed based on the Load Shapes data collected from the field.

Commission's View:

The cost of service worked out by the Commission is based on evening peak and the computations are in line with general expectations. With regard to lower cost of service for agriculture, the Commission would like to explain that the restricted supply hours to agriculture followed by Licenses will make agriculture contribution to peak

demand almost nil. Consequently, the allocated fixed cost to the agriculture would be less compared with other consumer categories whose consumption coincides with the peak period and thus the cost of service would be low compared with other consumer categories.

COST OF SERVICE CALCULATIONS

83. The Commission has computed the cost of service for different consumer categories for FY 2012-13 based on embedded cost method. In this method, the entire ARR (Cost) for FY 2012-13 is allocated among consumer categories based on contribution of each consumer category to peak load and utilisation of loads by each consumer class during FY 2012-13. The resultant of this model is the average unit cost of service for different consumer categories for FY 2012-13 for each licensee.

84. The cost of service (CoS) for FY 2012-13 is computed through allocation of approved ARR for FY 2012-13 among different consumer categories based on the evening peak and the load and coincidence factors for each category of consumers. This cost differs for each consumer category on account of factors such as variations in contribution to peak, voltage of supply, load factor, contracted capacity etc. The CoS computed for each major consumer category is given in Table 28 & the details are given in Annexure I - L.

LIMITATION OF CoS COMPUTATIONS

85. The Commission is conscious of the limitation inherent in this exercise that the proposed tariff cannot be strictly related to class average cost for FY 2012-13 on account of significant volumes of market purchases proposed to be carried out during FY 2012-13 for which break up of total cost into fixed and variable cost is not readily available.

86. The cost of service worked out for each consumer category is only an indication for the purpose of observing the cost and cross subsidy

amount to make decisions on tariff setting for different classes of consumer categories.

87. The cost of service is being used by the Commission to determine the tariff to recover the approved ARR for FY 2012-13 in respect of each Licensee. In general, in tariff setting *ex ante* (for forthcoming year), the average unit cost of service is only an indicator and cannot be construed as the tariff to be paid by consumers.

Table 28: Cost of Service for FY 2012-13(Rs./kWh or kVAh)

Consumer Category	CPDCL	EPDCL	SPDCL	NPDCL	DISCOMs
LT Cat I – Domestic	5.64	5.21	5.20	5.82	5.46
LT Cat II - Non-domestic	5.71	5.26	5.35	6.32	5.61
LT Cat III (A & B) – Industrial	4.92	4.56	4.52	5.31	4.76
LT Cat IV - Cottage Industries	4.92	4.69	4.53	5.29	4.75
LT Cat V - Irrigation and Agriculture	3.90	3.92	3.85	4.15	3.94
LT Cat VI - Local Bodies	5.58	6.14	5.78	6.45	5.88
LT Cat VII - General Purpose	5.59	6.11	5.76	6.45	5.87
LT Cat VIII – Temporary	5.84	6.15	5.76	5.65	5.87
HT Cat I-Industry -General (11 kV)	4.22	4.35	5.25	4.46	4.46
HT Cat I- Industry-General (33 kV)	3.47	3.43	3.83	3.66	3.56
HT Cat I - Industry - General (220/132 kV)	3.20	3.39	3.36	3.53	3.31
HT Cat II – Industry - Other (11 kV)	4.79	4.67	5.24	4.33	4.84
HT Cat II – Industry - Other (33 kV)	3.87	3.69	3.69	4.41	3.83
HT Cat II - Industry - Other (220/132 kV)	3.66	3.24	0.00	6.64	3.50
HT Cat IV - Irrigation & Agriculture	3.52	2.71	3.85	4.28	3.66
HT Cat V – Railway Traction (EHT)	4.20	4.04	4.35	4.21	4.20
HT Cat VI – Colony Consumption	5.14	4.64	5.20	4.59	4.88
HT Rural Co-operatives (11 kV)	0.00	3.23	3.48	3.39	3.38
HT Temporary	4.08	3.74	0.00	0.00	3.81
TOTAL	**4.37**	**4.35**	**4.47**	**4.71**	**4.44**

CHAPTER-V
REVENUE AND REVENUE GAP

INTRODUCTION

88. The endeavour of any tariff exercise is to recover the expenses ie. the revenue requirement (quantified in the earlier chapter IV), from the receipts/revenue from various streams so that there is no revenue deficit and the Licensees are able to finance their expenditure.

REVENUE FROM TARIFFS AND NON-TARIFF INCOME

89. The revenue to Licensees will be in two ways, consumption charges (energy, fixed, minimum and customer charges) and Non-tariff income (recoveries from theft of power or other malpractices, interest income and other miscellaneous receipts).

REVENUE FROM TARIFFS

90. The Commission has recomputed the revenue from tariffs at the Licensee proposed tariff rates,for Commission modified sales volumes for different consumer categories as enumerated in Chapter-II.The filed and revised revenue estimates are given in.

Table 29: Revenue from Proposed Tariff for FY 2012-13(Rs.Cr.)

Revenue from Tariffs	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Estimated by Licensees	13263.28	5650.60	2678.47	7043.21	28635.56
Estimated by APERC	13139.89	5565.26	2555.36	7009.51	28270.02

Non Tariff Income

91. The Commission has examined the non-tariff income in consultation with annual account of Licensees and revised the non-tariff income as detailed in Table 30. The revised non-tariff income has been apportioned to different consumer categories in proportion to their contribution to total consumption charges.

Table 30:Non-Tariff Income Estimates for FY 2012-13(Rs.Cr.)

Non Tariff Income	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Estimated by Licensees	31.20	37.39	22.77	231.98	323.34
Approved by APERC	215.01	283.31	135.06	224.79	858.17

OBJECTION/SUGGESTION ON NON-TARIFF INCOME IN EPDCL

92. **Sri RHN Sharma** stated that it may be correct, in respect of FY 2012-13, to state that it is not appropriate to include recovery from theft of electricity under non tariff income. He stated that the reason for the non-disclosing of income received for the year 2011-12 is not known and further enquired as to how an income of Rs 9.90 Cr. is estimated for the year 2012-2013.

Licensees' Response:

If the recoveries from theft of power is included only in 2011-12 (revised estimates) and not included in 2012-13 (Projections), it will result in higher Total Revenue for 2011-12 when compared with 2012-13. Uniformity is to be maintained in order to compare the Total Revenues of two years; Reconnection fees projections are made based on past trend.

Commission's View:

The amount of recovery from this head for the FY 2011-12 will not be known by the time the filing is made for the ARR for FY 2012-13. Therefore, the amount of recovery anticipated from this head will necessarily have to be made at the time of filing based on "estimates". The actual recoveries can be crystallized only after the completion of the relevant tariff year for incorporation in an appropriate true-up proceeding at the relevant stage.

REVENUE GAP

93. As the expected revenue is Rs.29128 Cr. for FY 2012-13 as against the revenue requirement of Rs.34344 Cr. determined by the Commission, three Licensees will have a deficit and EPDCL will have revenue surplus as detailed in Table 31.

Table 31: Revenue Requirement, Revenue and Revenue Gap for FY 2012-13(Rs.Cr.)

Item	Licensee				All Licensees
	CPDCL	EPDCL	NPDCL	SPDCL	
(1)	(2)	(3)	(4)	(5)	(6)
Revenue Requirement	15043.78	5831.93	5003.15	8465.02	34343.89
Revenue	13354.90	5848.57	2690.42	7234.53	29128.42
Revenue Gap	-1688.88	16.64	-2312.73	-1230.49	-5215.47

CONCLUSIONS

94. The Commission has thus arrived at the revenue and revenue deficit/ surplus of each licensee for FY 2012-13. This deficit/surplus would be bridged by undertaking an exercise of determination of tariff rates and charges for full cost (ARR) recovery after considering the objections/suggestions by stakeholder as discussed in Chapter-VI. The full cost recovery tariff has been computed in Chapter VIII.

CHAPTER-VI
TARIFF RELATED ISSUES

INTRODUCTION

95. The Commission has in this chapter made analysis of certain issues arising on account of Licensees' Proposals and consequent consumer objections / suggestions, consumer requests and certain other issues taken up by the Commission, before determination of tariff for recovery of approved revenue requirement for FY 2012-13.

LT-I: DOMESTIC TARIFF STRUCUTRE

96. The Licensees proposed to classify LT-1: Domestic consumers into two sub categories based on connected load and annual consumption limit of 360 kWh during FY 2011-12. As per the proposal, consumers whose connected load is up to 500 watt and total consumption during FY 2011-12 is up to 360 units will be classified into LT-I(A) Domestic BPL consumers. Domestic consumers other than LT-I(A):Domestic BPL consumers will be classified under LT-I(B):Domestic Consumers.

97. The Licensees have proposed single slab tariff structure for LT-I(A):Domestic BPL with the energy charge of Rs.1.45/unit up to 50 units consumption per month. The telescopic tariff structure has been proposed for LT-I(B):Domestic with different energy charges for each tariff slab. If any LT-I(A):Domestic BPL consumer exceeds 50 units consumption during any month, the entire energy will be billed under LT-I(B):Domestic tariff and the consumer will be permanently categorised under LT-I(B):Domestic.

Objections/Suggestions on the Proposal

98. **Sri K Raghu. Dr K Narayana, Sri M Thimma Reddy, Sri Gade Diwakar, Sri Sridhar Reddy, Sri B.V. Raghavulu, Sri T Harish Rao, Sri B Karunakar Reddy, Sri Narayana Reddy, Sri M Venugopala Rao and many others** apart from some consumer and farmer organisations have inter alia submitted one or more of the following objections/suggestions.

- Classification shall not be linked to connected load and consumption limit as it encourages theft of energy and discrimination between old and new consumers.
- Based on single month's consumption, the category consumers shall not be permanently changed as proposed by Licensees.
- The telescopic system of levying tariff shall be retained without any change in energy tariff to avoid tariff shock.
- A sub category of domestic consumers may be created entitle 'luxurious' may be created.
- Levying minimum charges shall not be related to connected load but be related to consumption only.
- When BPL category is introduced, the tariff for BPL category has come down in other states. In AP, this categorisation has been used to raise the tariff for non-BPL consumers.
- Fix the lump sum charge for consumers who consume energy below a threshold level instead of levying minimum charges.

Licensees' Response:

The licensees' responses in general are

- The limit of 50 units a month has been considered instead of 30 units to account for seasonal variations.
- One of the reasons for introducing 500 Watt connected load condition is to prevent Non BPL consumers from gaining undue benefits.
- Licensees have taken Clause 8.3.1 of National Tariff Policy into consideration and have hence placed a constraint that the consumption should not exceed 360 units in a financial year.
- For consumers under LT-IA, minimum charges payable are Rs. 25 per month and for the remaining, the minimum charges are Rs. 50 per month.
- Energy charges for 0-100 slab of LT-I have been reduced from Rs.2.80/unit to Rs.2.60/unit to protect the interests of more than 50 lakhs of domestic house holds.
- It may be noted that in Tamilnadu state, the existing first three slabs are 0-50, 51-100 & 101-200 Units under Domestic category, with a Tariff of Rs. 1.10, Rs. 1.30 & Rs. 2.60 per Unit respectively and they are proposed to be merged into single slab of 0-200 with Tariff of Rs. 3.00 per unit in their tariff proposal for the FY 2012-13.
- There is an increase of 22% only for consumptions up to 100 units i.e. if the bill amount with the existing tariff is Rs. 212.50, then, with the proposed tariff, it would be Rs. 260.00; Fixation of Slabs & Tariffs is in the purview of APERC.

- Licensee proposed tariffs for higher slabs are almost same as tariffs suggested under 'Luxurious' slab.

LT-II: NON-DOMESTIC/COMMERCIAL TARIFF STRUCTURE

99. The Licensees proposed to classify LT-1I:Non-Domestic/Commercial consumers into two sub categories based on connected load and annual consumption limit of 360 kwh during FY 2011-12. As per the proposal, consumers whose connected load is upto 500 watt and total consumption during FY 2011-12 is upto 360 units will be classified into LT-II(A) Small Commercial Establishments. Non-Domestic/Commercial consumers other than LT-II(A) Small Commercial Establishments will be classified under LT-II(B):Non-Domestic/Commercial.

100. The Licensees have proposed single slab tariff structure for LT-II(A) Small Commercial Establishments with the energy charge of Rs.3.85/unit upto 50 units consumption per month. The telescopic tariff structure has been proposed for LT-II(B):Non-Domestic/Commercial with different energy charges for each tariff slab. If any LT-II(A) Small Commercial Establishments consumer exceeds 50 units consumption during any month, the entire energy will be billed under LT-II(B):Non-Domestic/Commercial tariff and the consumer will be permanently categorised under LT-II(B):Non-Domestic/Commercial.

Objections/Suggestions on the Proposal

Various persons and organisation expressed objections/suggestions as they have expressed on tariff structure change for LT-I: Domestic category. Since, the objections/suggestions are more or less same, the Commission did not repeat all those here. Specific objections/suggestions applicable on this issue are; **(a)** classification shall be based on consumption but no on connected load and **(b)** for classification, the connected load shall be enhanced to say 1 kW instead of 500 Watt.

Licensees' Response:

The telescopic benefits have not been removed entirely. The telescopic benefit has been removed only for the first 50 units and would now begin from the 0-100 slab. Also, Energy charge for consumers in 0 - 100 Slab of LT-II category has been reduced. The energy charge for 0-100 slab of LT-II has been reduced from Rs.6.20/unit to Rs.6.00/unit.

Commission's View:

The Commission's view on tariff structure proposals for both LT-1: Domestic and LT-II: Non-Domestic/Commercial is provided together as the modification to tariff structure for both categories is similar.

The classification based on connected load criteria is subject to interpretation by Licensees and consumers and will result in billing problems/disputes. Instead, the Commission feels that categorisation shall be based on contracted load between consumers and Licensees. Accordingly, the Commission is adopting the criterion of contracted load for classifying the consumers into two sub categories.

The Commission is of the view that it is not necessary to adopt total consumption during FY 2011-12 as the basis for classification in view of problems associated with new consumers and consumption changes that occur subsequent to classification. The Commission accepts the sub categorisation of consumers based on contracted load of a) Upto 500 Watt and b) Above 500 Watt.

The Commission is unable to concur with the proposal to apply another tariff schedule if the consumption exceeds 50 units per month on the total energy consumption and consumer getting classified under higher tariff category. The Commission prefers to continue the telescopic tariff structure prevalent in earlier years.

HT-I(B):FERRO ALLOY UNITS TARIFF STRUCTURE

101. The Licensees proposed to merge HT-I(B) Ferro Alloy Units with HT-I: Industry General and delete this tariff category altogether. The proposal if approved will result in **(a)** enhancement of energy charges on par with HT-I(A) Industry General, **(b)** levy of TOD tariff of Rs.1.00/kVAh during 6.00 PM to 10 PM and **(c)** levy of demand charges of Rs.250/kVA on billing demand.

Objections/Suggestions on the Proposal

102. **Ferro Alloys Producers Association, M/s Mahavir Ferro Alloys, M/s Abhijeet Ferrotech Limited, M/s Lanco Industries, Srikalahasthi and others** representing the Ferro Alloy units submitted their objections against the proposals of the Licensees.

- Ferro alloy units have been identified by the Commission as separate consumer category since 2002. Such separate identify for tariff concession exists for since long time in form or other
- reference to the non-existence of tariff category in other states as reason to remove the category is contrary to the provisions of the Electricity Act 2003 which emphasizes the cost reflective tariff
- If the proposed re-categorization, if approved, will result in tariff shock to the Ferro Alloy Units. The tariff increase shall be gradual and should be within the limits as specified Tariff Policy
- Some other persons have suggested not to agree for higher tariff in view of imminent close and consequential unemployment problems.

Licensees' Response:

- As nature of supply and purpose for which the supply is required are same for both the HT-I (Industrial) and Ferro Alloys, the Licensee has submitted the proposal for merger of the Ferro Alloys category HT-I (B) in to HT Category –I (A) (Industrial). Licensee have proposed voltage wise tariffs for Ferro Alloys in last year ARR filing similar to HT-I consumers. APERC has accepted the proposal

giving 11 months time for implementation of the same. The average CoS for the year 2012 has increased by Re. 0.72/unit from Rs 3.69/unit in 2011-12 to Rs 4.41/unit in 2012-13. The Power Purchase has increased from Rs 2.45/unit to Rs. 3.05/unit

- The hike proposed in tariff is mainly due to a steep increase in the CoS; the increase in the CoS is due to increase in both power purchase cost and network cost

  Higher load factor leads to low fixed charges/unit which itself incentivizes the consumer. Average current realization from Ferro alloys is due to take or pay and adjusting for voltage wise tariff will be equivalent to Rs. 3.00/ unit. With increase in Avg. CoS by Rs. 0.72/ unit, proposed tariffs are in commensurate with increase in CoS/ cost and with +/- 20% of Avg. CoS . As the proposal is made for merging the HT-I (B) with HT I (A), all the conditions applicable to HT-I (Industrial) will be applicable to Ferro Alloys also.

Commission's View:

The Ferro alloy units at present are on tariff condition of "guaranteed energy off-take at 6701/kVAh per kVA per annum on average contracted demand or average actual demand maximum demand, whichever is higher. The energy falling short of 6701 kVAh per kVA per annum will be billed as deemed consumption". Further, the Ferro Alloy consumer has the obligation to draw his entire power requirement from DISCOMs only. In view of this, the Commission considers it inappropriate to include Ferro Alloy Industries in HT-I (A) (Industry General). The Commission is of the view, that from the tariff structure point of view, the Ferro Alloy units are to be continued as a separate consumer category for FY 2012-13.

Separate tariff for 220 kV supply to Ferroy Alloy units

M/s Abhijeet Ferrotech Limited suggested that there should be voltage wise tariff for these units and tariff shall be indicated at 220 kV.

EPDCL Response:

There are only 2 Nos of services in EPDCL at 220 KV level. Licensee has not proposed separate tariff for this voltage level. However, creation of separate tariff for 220 KV Voltage level is under the purview of Hon'ble APERC.

Commission's View:

The 220 kV system is integrated with 400 kV system and operated in the ring. The system losses are measured for the entire EHT system i.e., 400 kV, 220 kV and 132 kV. Hence, the Commission is not envisaging a separate tariff for 220 kV system.

INDUSTRIAL TARIFFS (HT&LT)

103. Industrial Consumer Associations like **FAPCCI, FAPSIA,FAPI and other organizations like Hotels & Restaurants of AP and others like M/s Aurobindo Pharma Limited** have submitted their objections either through written objections by due date or by appearing directly at the respective public hearings in response to public notice regarding the tariff proposals pertaining to the Industrial categories. M/s. FAPCCI submitted that the proposed tariff loaded with 24% to 70% of Cross Subsidies should be removed and that the power tariffs are determined without these higher charges. M/s. FAPSIA submitted that any further increase in tariffs would lead to closure of small scale units in the state and cause lot of difficulties to the workers in such units. Representatives of Political Parties and some of the individuals also expressed their concern over the tariff hike proposed, particularly, in respect of LT-Industrial categories, stating that the tariff hike may lead to closure of those small industrial units & that may lead to a lot of unemployment problems.

M/s Essen Enterprises, Hyderabad & others submitted that there is no special tariff for SSI units and that the proposed increase in tariff, from Rs.4.13 to Rs.5.00, an increase of 21%, was unacceptable. **M/s MRF Ltd, Medak, M/s Information Technology & Services Industry**

Association of Andhra Pradesh and others submitted that the present tariff is already high; tariff has increased in the month of Aug -2010 to Rs.3.25 against Rs.2.95/unit and MD charges Rs.250/kVA against Rs.230/kVA; moreover, Rs.1/kVAH being paid for peak Hour Consumption; the proposed tariff hike may increase the burden further, which is impossible to absorb. **Industrial consumers like M/s Ellen Barrie Industrial Gasses Ltd, Vishakhapatnam, M/s. Synergy Castings Ltd, Vishakhapatnam and others** submitted that the price increase from April 2009 to April 2012, i.e., in a period of 3 years, has been 256 paise to 468 paise, a rise of 212 paise or about 83%. For a power intensive industry, where power accounts for 90% of production cost, it is difficult to absorb and pass on such price hikes to customers. **M/s Andhra Sugars, Kovvuru** and others submitted that the percentage increase in tariff in two years over 2010-11 tariff, if the effect of kVAh is taken into account, is 48%. They suggested to decrease the energy charges from the proposed Rs.3.97/- per KVAH to Rs.3.22 per KVAH for survival of industries in the state. **Representatives of Telugu Praja Parishad** have suggested that Industrial services may be classified as Rural Industries & Urban Industries and a concession of 35% in tariffs may be given to the rural industries.

Licensees' Response:

The proposal for increase in Tariff is due to increase in power purchase cost, Distribution Cost and Transmission Cost. The Cost of Service for the LT Industry has increased from Rs.4.06/- per unit for FY 2011-12 to Rs.4.93/- per unit for the FY 2012-13. Despite there being a large increase in power purchase cost since last ten years, there has been no major tariff revision in the State. This has created huge financial burden on the licensees. The estimated average realization for the year 2012-13 at current tariffs is Rs.3.10/unit. This leaves a gap of Rs.1.23/unit compared to the average cost to serve of Rs.4.33 per unit which translates to a huge deficit. They have stated that the CoS for 2012-13 has increased by 52.92% as compared to the

CoS of 2010-11. In spite of increase of input costs, the power tariff in A.P. has remained unchanged for over 9 years from 2001-02 to 2010-11. Concessional tariff for rural industries is in the purview of APERC.

Commission's View:

Under LT Cat-III of the tariff order of the Commission, there is already a tariff applicable for SSI units. Regarding the industrial tariffs in general, in the last decade, the industrial tariff has come down significantly (both in nominal and real terms). Given the increasing trend in power purchase cost, network cost and other costs, the cost to Licensees is significantly increasing during the recent years. Tariff proposals for increase in tariff may appear to be too high as objectors pointed out but broadly not out of proportions to increase in costs to Licensees. The ARR/cost approved by the Commission for FY 2011-12 is Rs.25958 Cr. whereas, the same for FY 2012-13 is Rs.34344 Cr., an increase of 32 percent.

RAILWAY TRACTION TARIFF

104. **Railways** have submitted that **(a)** the average power purchase cost for DISCOMs in year 2012-13 is estimated to be Rs.3.05 per unit which is higher by 11 paise (3.43%) compared to Rs.2.94 for the year 2011-12, whereas the Traction Tariff for Railways is increased by 130 paise (29.2%); the traction tariff proposed at Rs.5.75 per unit is higher by Rs.2.70 (89%) compared to estimated average power purchase cost for DISCOMs of Rs.3.05 per unit for year 2012-13 **(b)** The proposed Railway traction tariff at Rs.5.75 per unit is even higher than the HT-I industrial category by 119 paise (26%) despite of both are availing supply at same voltage level, which is in violation to the provisions of Article 287 (b) of Constitution of India **(c)** benefit of reduced transmission losses needs to be passed on to the Railways, who have also invested substantial amounts in Power factor correction equipments which help in reducing transmission losses.

Licensees' Response:

(a) The increase in power purchase cost compared to APERC approved average power purchase cost is Rs. 0.60/unit. (Almost 25% increase) and not just 11 paise as mentioned by the petitioner (b) Railways cannot be compared with HT-I as the services pertaining to Railways are availing the facility of uninterrupted power supply and there are neither demand charges nor ToD charges (c) reduction in Transmission losses cannot be attributed to any single consumer. The reduction in losses is an indicator of overall performance of APTRANSCO and that of the grid.

Commission's View:

The reasoning contained in the replies of the DISCOMs is reasonable. There is justification in the contention of the DISCOMs that Railways cannot be compared with HT-I as the services pertaining to Railways are availing the facility of uninterrupted power supply and there are neither demand charges nor ToD charges. The question of comparing the tariff for railways, which is a single part tariff (without demand charges) with the Industrial tariff, which is a two part tariff (with demand charges) does not arise. Further, there are no ToD charges on railway traction. Besides, it is not correct to compare the tariff rates for a particular category with the tariff rates of another category since the purpose of supply, class load factor and co-incidental demand charges etc., are different for different categories.

The objection of the railways in terms of Article 287 (b) of the Constitution of India is not tenable since Article 287 (b) deals with the imposition of tax on sale of electricity to Railways and not to the determination of tariff rates for supply of electricity by DISCOMs to the railways.

The Commission's view is that there is justification in the stand taken by the licensee that the reduction in losses is an indicator of overall

performance of APTRANSCO and that of the grid and that the reduction in Transmission losses cannot be attributed to any single consumer.

BILLING DEMAND CONDITION FOR HT CONSUMERS

105. The licensees have proposed a change in billing demand condition for HT consumers for whom two part tariff, i.e., demand and energy charges, is applicable. The existing condition reads as follows;

> "*The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand whichever is higher*"

The Licensees proposed to modify this clause as follows;

> "*The billing demand shall be the maximum demand recorded during the month or 90% of the contracted demand whichever is higher*"

Objections/Suggestions on the Proposal

Sri MV Sivaramakrishna, M/s Andhra Sugars Ltd and others expressed that the proposal is without proper justification. Ff the proposal is consented by the Commission, consumers with a lean period of usage and are using lower contracted demand shall have to pay more.

M/s Lanco Industries Ltd pointed out the present 80% itself is very high as most of the time load relief was imposed on us where we consume less CMD, but, billing is being paid for 80% of CMD only.

Some others pointed out that when the Licensees are not in a position to supply power in line with the current condition of 80% billing demand, there is no justification to raise the billing demand to 90%.

Licensees' Response:

For better utilization of the network, equipment and to maintain load curve in better way the proposal is made. Further, in other states like Tamilnadu and Madhya Pradesh, the minimum billing demand is 90%;

billing demand is very low in our state when compared with other states. The Licensees are incurring Distribution Net work expenditure whether the consumer utilizes the CMD or not.

Commission's View:

The Commission is of the view, that the 80% minimum billing demand condition may be continued without any change for the tariff year 2012-13.

INCREASE IN CONNECTED LOAD FOR LT-III INDUSTRIAL CONSUMERS

106. The licensees proposed to increase the connected load limit for LT-III(A): Industrial Consumers from 75 HP to 100 HP and increase the minimum load for LT-III(B) consumers from 75 HP to 100 HP.

Commission's View:

The proposal to increase the connected load limit from 75 to 100 HP for LT-III(A):Industrial consumers is accepted by the Commission as it mitigates the problem of industrial consumers who need only marginal additional loads without shifting to HT supply.

However, the connected load of LT III(B) category is kept unchanged i.e., 75 HP to 150 HP.

REMOVAL OF BLOCKING OF LEADING KVARH

107. As part of the filings for FY 2012-13, Licensees proposed to remove the blocking of the leading kVArh, which the Commission directed for in the Tariff Order for FY 2011-12.

Railways submitted that removal of blocking of leading kVArh will lead to a requirement on the part of the Railways to provide automatic power factor correction equipments to control leading kVArh, which will require a considerable time to get the sanction of a work and to install them apart from incuring a huge expenditure from public exchequer. On an approximate estimate total of Rs.165 Cr. will be required to install automatic power factor correction

equipment by the three Railways within their jurisdiction in Andhra Pradesh, apart from the Rs.25 Cr. already invested in the present conventional power factor equipments. Railways requested to continue the blocking of leading kVArh for traction tariff category HT-V and in case it was unavoidable, a reasonable time period of about 8 to 10 years might be allowed to install the automatic power factor correction.

Licensees' Response:

The licensees do not agree with the contention of the petitioner that leading KVArh is beneficial to DISCOMs. Licensees stated that the leading reactive power too causes losses and instability to the network. Hence the licensees have requested removal of blocking of leading kVArh.

Commission's View:

The objective of the kVAh based tariff is to motivate the consumer to achieve "unity" power factor or "near unity" power factor. In order to facilitate the consumer to achieve unity power factor, the Commission provided flexibility to go on the leading side of the power factor by blocking leading reactive power as far as billing is concerned. The electrical loads are dynamic in nature. If unblocking of leading reactive power is permitted for kVAh billing, the consumer will end up paying for kVAh for maintaining both lagging and leading reactive power. It is true that leading reactive power also causes distribution losses on par with lagging reactive power. However, unblocking the leading kVArh for billing purpose is not the only strategy to tackle this problem. The Licensees can as well achieve better reactive power management by switching on/off the capacitors at substations to reduce losses without causing undue financial burden to the consumers.

TIME OF DAY (TOD) TARIFF ON HT-II: OTHERS

108. The Licensees proposed to levy Time of Day (ToD) tariff on HT-II: Others consumer category during FY 2012-13. The objections /

suggestions and Licensee responses and the Commission view are given below.

Sri. Sivarama Krishna and **Water Development Society and others** submitted that: ToD tariff is supposed to be meant for Loads with flexible usage pattern, so that the usage can be shifted to other time of the day from the Peak Demand Time on the system as a whole, to a lean period in the daily load curve; Commercial Loads consist of mainly, Lighting, Fans, Air Conditioning, decorative lightings etc, which are expected to operate on a continuous basis during business hours which are usually till night 11:00 to 12:00. Having known the very fact that the loads can not be shifted, the Licensee is trying to levy ToD tariff on this sector, which is irrational and arbitrary. In the guise of keeping proposed tariffs at +_20% of Average CoS, the licensee is trying to enhance the recovery from this sector via backdoor by way of ToD tariff, which should not be entertained by the Commission.

Licensees' Response:

While determining the CoS, fixed cost of the power purchase is being allocated to each consumer category based on their coincident demand, whereas, variable charges are being allocated in proportion to their energy requirement (i.e. sales grossed with losses) and this includes expensive power purchases. As per the FY 12-13 ARR filings the energy deficit at state level is 12450 MU which has to be procured from market at an estimated price of Rs. 4.17 per unit. But in actual short term power purchases, price varies significantly depending on the time of the day, season, etc. Keeping in view of these, Distribution Licensee has extended ToD tariff to HT-II, on par with Industries, to recover partial additional charges over and above the tariff applicable to meet the expensive power.

Commission's View:

This category (HT – II Others), consists of all HT consumers who do not fall in any other HT consumer category. For the reasons

mentioned by the Licensees in the above paras, the need for energy management during peak hours and the need for encouraging extensive energy conservation measures including planning of loads by consumers during peak hours, the Commission considers that levy of ToD charges on this category i.e., "HT-II Others" is appropriate. Given the wide diversity of loads in this category, the Commission envisages that some consumers will shift atleast a part of their loads to off peak and thus avoid the ToD charges for such quantums of energy. The Commission also hopes that the ToD charges will encourage consumers in this category to increasingly resort to use of energy conservation measures, which is one of the important objectives of the National Electricity Policy.

TARIFF FOR RESCOS

109. **Anakapally RESCO and Chipurupally RESCO** have expressed that the Bulk Supply Tariff (BST) rate proposed by the APEPDCL is on high side and it is also found that there is no rationale in determining / arriving the price. The Commission is only the authority competent to determine the BST rate of RESCOs basing on the ARR/ ERG submitted by the RESCOs.

RESCOs are implementing the same retail tariff of Licensees in their operational areas and 95% of the services are Domestic, Agriculture, Public Lighting and other services which are being billed on kWh and societies are not releasing any HT services; therefore, proposed billing on kVAh instead of kWh is objectionable and not justifiable.

Licensees' Response:

Though Hon'ble Commission fixes the BST rate separately, the Cost to serve, Revenue realization and Tariff proposals to bridge the revenue gap are to be submitted by the DISCOMs in the ARR filings to Hon'ble Commission; if the tariff rates for RESCOs are not increased suitably, other subsidizing consumers of DISCOMs are also not in a position to bear further burden of cross subsidy. Justifiable At present, KVAH

billing is introduced for all the HT Categories, LT – II, III, VI, VII and VIII Categories. Further, there are proposals to extend it to all the consumers. Since, RESCOs are receiving supply at HT 11 KV; it is proposed to introduce kVAh billing for RESCOs also.

Commission's View:

The rate payable by RESCOs is determined by the Commission separately based on their revenue requirement and expected revenue from retail tariff. Since, the consumers in RESCOs area are LT Consumers and achieving higher power factor is difficult within short period of time as it involves significant investments in reactive power banks to be installed by RESCOs. Hence, the Commission has decided to fix the tariff for RESCOs in terms of kWh only. Separate instructions would be issued on reactive power banks.

SEASONAL INDUSTRIES

110. **M/s Charoen Pokphand Seeds (India) Pvt., Ltd.,** submitted that they process the said maize crop in their mill and the unit will start from the month of February and it will be completed by the end of June. Therefore the processing work in our unit would be carried out only from the month of February to June; the remaining seven months the main plant will be under shutdown and only lighting load will be utilized for the maintenance purpose. Hence, they requested for tariff applicable to seasonal industry, otherwise, the seasonal unit established for the benefit of farmers will sustain huge financial loss, they stated.

Licensees' Response:

SPDCL replied that necessary would be taken.

Commission's View:

The energy charges are higher during the off season for seasonal industry and there is some relaxation on fixed/demand charges to be paid by the Consumers. Given the nature of seed processing activity which is restricted for few months in year, the Commission has

decided to include Seed Processing Units as Seasonal Industries. Accordingly, seed processing industry has been included under seasonal industries.

AVIATION ACTIVITIES AT AIRPORTS

111. **M/S GMR Airport Ltd.,** has been representing since last few years that their airport should be classified under HT-I(A):Industry General but not under HT-II: Others. The energy charges under HT-I(A) Industry are lower than energy charges under HT-II: Others. The Commission earlier, in Tariff Order for FY 2011-12, indicated that a policy decision will be taken on this issue.

M/s. GMR Airport Ltd., filed an appeal before the Hon'ble ATE. The Hon'ble ATE vide its judgment dated 22-07-2011 in appeal No.12 of 2011 observed that the Tribunal had earlier held (in a matter pertaining to Mumbai International Airport) that Airports could not be put in the commercial category and on the other hand must be put in a separate category and different tariffs should be determined. The Hon'ble ATE further observed as follows in this judgment. *"As mentioned above, once the categorization of the Appellant under the HT-II commercial category is set aside by this Tribunal, it is not proper for the State Commission to put the Appellant in the same category by charging the commercial tariff from the Appellant. The scope for differential tariff was made in the Remand Order dated 26-02-2009 to allow the distribution licensee to charge commercial rate from establishments in the airport carrying out purely commercial activities. As discussed above, the absence of metering cannot be the reason to equate the airport services with the purely commercial activities and not re-determining the tariff of the Appellant. Our findings are summarized below:*

(a) The Judgement dated 26-02-2009 of the Tribunal specifically directing the State Commission not to put the Appellant in Commercial Category but to put it in a different special category was a limited Remand and not an Open Remand.

(b) The State Commission is bound to act within the scope of the Remand. It is not open to the State Commission to do anything but to carry out the terms of the Remand in letter and spirit.

(c) The State Commission should re-determine the tariff for the Appellant strictly in view of the findings and observations made by the Tribunal.

(d) The State Commission could have differential tariff for the aviation as well as for the purely commercial activities, such as shops, restaurant, etc., at the airport. However, if it is not feasible to have separate metering arrangements for the aviation activities and purely commercial activities, then the State Commission could re-categorize the Appellant in a separate category other than HT Commercial II and determine the composite tariff for aviation and the commercial activities of the Appellant."

The Hon'ble ATE in this judgment dated 22-07-2011 directed that the above findings would apply in the appeal filed by M/s. GMR International Airport also and set aside the order of the APERC and allowed the appeal filed by M/s. GMR International Airport Ltd., in terms of the Tribunal's judgment in the Mumbai International Airport case and directed the APERC to pass appropriate consequent orders and implement the same as expediously as possible after hearing the parties.

112. Accordingly, the Commission has taken up the matter regarding the tariff rates of M/s. GMR International Airport Ltd., for the tariff years 2010-11 and 2011-12 as a remanded case in which orders are proposed to be issued separately as an order in the said remanded case. As far as the tariff year 2012-13 concerned, the issue is being addressed in the present tariff order.

In this background, for the FY 2012-13, the Commission has decided to create a separate tariff category with two part tariff, with separate demand and energy charges, for the end use of energy for aviation activity at airports. Since the energy consumption profile of the aviation activity is not readily available since such a separate "aviation activity" category was not available earlier to this, computation of the cost of service is not possible. Hence, the tariff

for the separate category of "aviation activity" has to be made based on an approximate assessment of the class load factor of aviation activity. It would be reasonable to assess that the load factor of aviation activity will be higher than that of HT-II: Others but lower than that of HT-I(A):Industry General. To make a beginning, the Commission has decided to create a separate category nomenclatured as HT-III-"Aviation Activity at Airports" and fix the energy charges for the said category at mid point between HT-I(A):Industry General and HT-II: Others. The Commission has also decided that the demand charges shall be levied on this newly created HT-III -"Aviation Activity at Airports" category at rates as applicable for HT-1(A) and HT-II consumer categories. The Commission has decided that Time of day (ToD) charges also shall be levied on the HT-III -"Aviation Activity at Airports" category.

In this connection, the Commission has taken note of the objections / views expressed by the representatives of the other **airports like Visakhapatnam and Rajahmundry** also into account.

The tariff scheduled for HT – III aviation activity at airports shall be as follows:

Table 32: Tariff Schedule for HT-III: Aviation Activity at Airports

Voltage of Supply	Demand Charge (Rs./kVA)	Energy Charge (Rs./kVAh)
11 kV	250	5.39
33 kV	250	4.86
132 kV & above	250	4.54
ToD tariff of Rs.1.00/kVAh on consumption during 6.00 pm to 10.00 pm in additional normal energy tariff will be levied.		

113. The activity at airports consists of "Aviation Activity" as well as non-aviation activity. Aviation activity will naturally fall in the newly created HT-III "Aviation Activity at Airports" as indicated above. The non-aviation activity, as per the nomenclature of the categories in HT tariffs, will fall under HT-II – (Others), since HT-II (Others) is applicable as per the tariff order to all consumers other than those

covered under HT I category and those covered by HT - III to VIII categories.

In order to bill the "aviation activity at airports" under the newly created HT-III category and the non-aviation activity under the HT-II category respectively, it will be necessary to segregate the loads at airports into aviation related loads and non-aviation related loads and separately meter the energy consumption in these two usages by installing separate metering.

The Commission is of the opinion that the segregation of loads and separate installation of metering can be done by 31-07-2012. After separate metering is installed for aviation and non-aviation activities, the billing can be done as per HT III for aviation and HT II for non-aviation on actual meter readings with effect from the date of commencement of separate metering.

The Commission is of the view that a mechanism has to be built-in to ensure compliance with the time limit for installation of segregated and separate metering by prescribing as follows:

a. If the Consumer fails to comply with the direction by 31-07-2012, the billing shall be done under HT II (Others) category with effect from 01-08-2012 till the date of completion of such installation.
b. In the absence of separate metering, the billing shall be done from 01-4-2012 onwards on the basis of notional percentages indicated in the table below until completion of separate metering or 31-07-2012, whichever is earlier.

Percentage of Energy to billed under HT-III and HT-II

Airport	HT-III:Energy Charge	HT-II:Energy Charge
GMR, Hyderabad	61%	39%
Visakhapatnam	80%	20%
Other Airports	85%	15%

BARBER SHOPS UNDER LT-IV: COTTAGE INDUSTRIES

114. The **A.P.Nayee Brahmana Seva Sangham** appeared at the public hearing and submitted that their profession, on par with the other professions like goldsmith, blacksmith, washing etc under LT-IV: cottage industries should be classified under LT-IV and should be

given power at a concessional tariff for energy consumption up to 100 units.

Licensees' Response:

Activity in Hair cutting saloons is a commercial activity; hence, they may be kept under LT-II only.

Commission's View:

Barber shops are distinct from activities covered under Cottage Industries and thus the request is not accepted.

STREET LIGHTING: APIIC INDUSTRIAL AREAS

115. **Gajuwaka Notified Municipal Industrial Areas Service Society** expressed that the industrial parks/areas managed by APIIC, the rates for street light are being charged under LT-II: Non-Domestic/Commercial. Requested to classify the street light services in APIIC areas under LT-VI on par with the street lighting services under municipal bodies.

Commission's View:

It is regretted to note that in spite of the Commission's earlier directive in Tariff Order for FY 2011-12, to examine the usage pattern, the extent of public roads and the financial impact and submit a report by 31/10/2011, they have not yet come up with any such detailed report on this recurring request. Commission expects the Licensees to submit the report by 30.06.2012, to enable further processing of this issue for the ensuing tariff years.

TARIFF FOR PRINTING PRESSES

116. **AP Printers Association, Hyderabad** have requested to re-categorize the printing presses as "L.T-III (Industrial)/H.T-I (Industrial)" on par with news paper printing and to reject the present tariff proposals so far as it proposes to continue the categorization of the printing presses as HT-II Others or LT-II Non-Domestic/Commercial.

Licensees' Response:

As per the Tariff Order issued by the Hon'ble Commission for FY 2011-12, the printing presses are categorized under LT-II and HT-II category as the case may be; the licensee would like to continue the same.

Commission's View:

The Commission considers that the activity of "printing presses" is quite different from the activity of news paper printing and that there is no justification to treat thee two on the same footing. The Request is not accepted.

SEPARATE CATEGORY & CONCESSIONAL TARIFF FOR POULTRY FARMS

117. AP Poultry Federation have submitted to consider concessional power tariff for poultry sector under special category as an allied activity of agriculture, as has been announced in States like Maharashtra, Orissa, Rajasthan and Kerala and fix a rate of Rs.1.10 as in our neighbouring States Orissa.

Licensees' Response:

Licensee is of the view that the poultry industry is not at par with agriculture as the both are different sectors and having different electricity consumption patterns; there is no increase in the tariff for Rs.1.80 per unit under LT Category-IV Poultry farming up to 1000 birds which is a subsidized category.

Commission's View:

Commission view is that while agricultural produce is one of the ingredients which comprise Poultry feed, it is not the only ingredient which constitutes the Poultry feed. Further, the Poultry feed itself is not the only input of the Poultry industry. Poultry industry is not in the business of processing / marketing of agricultural produce. Hence, it is not possible to treat Poultry activity as Agro based. However, as a special consideration to small units, poultry farming up

to 1000 birds has been kept under LT-IV (B): "Poultry Farming Units upto 1000 Birds", and avails concessional tariff.

TARIFF FOR NURSERIES

118. **Indian Nurserymen Association AP Chapter** have submitted that: (a) Nurseries were in Agricultural category before they were classified under commercial category (b) tariff proposals of DISCOMs did not carry LT V A (ii), but, at the time of tariff fixation a new category was created (c) Tariff proposal was not called for during the FY 2010-2011, but, there was increase in tariff of diff categories, which is unlawful & never expected from APERC; **representatives of Bharathiya Kisan Sangh** also requested to delete 'rural' from the title 'rural nurseries' and apply a uniform tariff for all the nurseries.

Licensees' Response:

(a) In Tariff Order for FY 2009-10, rural nurseries have been classified under LT-V A (ii) and other than rural nurseries are classified under LT-II (b) determination of Tariff is a Legislative task, need not always cause obligation on the authority, to have prior consultation of consumers (c) Tariff proposals were submitted to the Hon'ble Commission on 20.04.2010 and the same were published in May 4th 2010 news papers (Hindu, Deccan Chronicle, Enadu and Sakshi) inviting objections from consumers.

Commission's View:

The consumption pattern of rural nurseries coincides with that of the agriculture services on account of common feeders where as the supply to urban areas is different from rural areas and the consumption pattern need not coincide with that of agriculture. Hence, the request made by the consumer cannot be accepted.

ENHANCEMENT OF LOAD LIMIT UNDER LT-IV

119. Representatives of **Akhila Bharathiya Viswakarma Parishad** have submitted that the load limit under LT-Cat-IV may be enhanced from

5HP to 10HP as there are many cottage industries like Goldsmith & Blacksmith etc., and also requested to direct the DISCOMs to allow welding machines.

Licensees Response:

Enhancing the load limit to 10 HP is not acceptable. If the welding machine is covered within the permissible load, there is no problem to allow it.

Commission's View:

The enhancement of load as requested by consumers results in higher energy consumption in this consumer category. However, the consumer can avail under LT–III(A) Industries. This tariff for the category is less than the cost of service and further tariff concession cannot be extended.

FISH & PRAWN PONDS UNDER LT V (I) AGRICULTURE

120. Representatives of **Bharathiya Kisan Sangh** have submitted that the services pertaining to the Fish ponds & Prawn ponds and the Sugar cane crushing units, which are presently under LT-III (A), may be brought under LT-V (i), like the Salt farming.

Licensees Response:

Under the purview of APERC.

Commission's View:

The usage and consumption patterns of fish and prawn ponds are different from Agriculture activity, it is not reasonable to consider fish & prawn ponds under LT-V (i) Agriculture. The tariff for this category is less than the cost of service and the Commission has provided the cross subsidy to cover the deficit. The Commission is unable to accept the request.

TARIFF FOR LT LIFT IRRIGATION SERVICES

121. Representatives of **Bharathiya Kisan Sangh** and many other farmers in SPDCL area have represented that the LT services under Lift

irrigation shall also be supplied power for 16 Hrs, on par with the services under HT-IV (B); charges may be collected as are being collected from the services under HT-IV (B) i.e. free power for 7 Hrs and @ 260 p/unit for the balance 9 Hrs.

Licensees' Response:

Under the purview of APERC.

Commission's View:

In view of persistent demands from consumers of private society lift irrigation schemes covered by HT-IV (B) Agriculture, the Commission in the tariff order for FY 2011-12 had provided that for availing supply beyond seven hours a day, the supply beyond seven hours would be charged on par with HT-IV (A) - Government lift irrigation schemes.

A similar request has also been made by consumers in the LT lift irrigation schemes. To extend similar facility to the consumers of LT lift irrigation schemes, there is no separate category corresponding to HT – IV (B) on the LT side. It is also not possible to create a separate category without a detailed exercise regarding number of such consumers, total contracted load, consumption pattern and their coincident demand etc. In these circumstances, the Commission has decided to extend the facility of availing supply beyond seven hours a day on payment basis on the LT side by prescribing that such consumption beyond seven hours a day by consumers of LT lift irrigation schemes shall be charged at a rate of Rs.3.50 / unit during the tariff year 2012-13 keeping in view the charging rate for similar supply on HT side which is being fixed at Rs.3.25/unit for FY 2012-13.

HT-VI: TOWNSHIPS AND COLONIES: TARIFF REVISION

122. **M/s Aparna Sarovar Owners' welfare Association, M/s My Home Jewel Apartment Owners' Association and others** have submitted that: by extending power supply to the townships / colonies under HT-VI, there are a number of additional benefits to distribution companies like single point billing, lesser maintenance, elimination of

pilferage of energy, loss reduction etc., and hence some discount over regular LT consumers under LT Category I should be allowed for HT Category VI consumers; instead, not only the tariff is continued to Rs. 4.50/- unit and also Maximum demand charges @ Rs. 250/KVA are introduced which puts a lot of burden. Since the consumption is only for residential purposes and related amenities, it is essential to maintain the tariff at par with LT category I and accordingly reduce the revised tariff and withdraw the demand charges, they submitted. **Railways** have pointed out that if the domestic service connections of the staff quarters of railway employees are individual LT connections for each quarter, the average cost would be Rs.3.60 per unit (101-200 units) as compared to Rs.5.49/- (approx. inclusive of demand charges) per unit as they are under HT Category-VI.

Licensees' Response:

(a)Demand charges are being levied on all the HT consumer categories; having opted for HT-VI, charges cannot be compared with LT-I (b) Licensees did not propose any charges in FY 2011-12; whatever the charges that were decided by the commission in FY 2011-12, the same have been proposed by Licensees for FY 2012-13.

Commission's View:

A similar request was made by the consumers of this category during FY 2011-12 by way of a review petition filed before the Commission. The Commission after due hearing of the case passed orders relaxing the minimum billing demand condition of 80% of contracted demand for the FY 2011-12, in order to address the difficulties being faced by this category of consumers who take supply at HT, with single point metering and billing.

The Commission considers it reasonable to extend the same concession during the current tariff year 2012-13. The Commission accordingly, considers that the demand charges for this category should be levied on the basis of recorded maximum demand without a

clause prescribing that the demand charges will be billed taking into account the RMD or 80% of CMD, whichever is higher.

CLASSIFICATION OF INDUSTRIES WITH LESS THAN 5 HP AS COTTAGE INDUSTRIES

123. **Sri Kommidi Narasimha Reddy** pointed out that in the LT Cat-IV of the Tariff Order for FY 2011-12, only a few professions have been added. There is a need to add the services like Xeroxing shops, DTP centres, air filling shops & electronics goods repairing shops etc.

Licensees' Response:

All those professions under LT Cat-IV were added as per the orders of the Commission.

Commission's View:

Some the activities mentioned above fall in LT-II Non-Domestic/Commercial Category. Inclusion of above activities in "Cottage Industries" will results in a tariff lower then the cost of service. Hence, the proposal is not accepted by the Commission.

SEPARATE CATEGORY FOR POWER INTENSIVE INDUSTRIES

124. **M/s Ellam Barrie Gasses Ltd,** and others have submitted that considering the factors like the higher dependence of power intensive units on lower power cost, wider economic impact covering several sectors, tariff in respect of all such services may be decided keeping them under a separate category.

Licensees' Response:

Creating a separate category for power intensive units is the prerogative of the Commission.

Commission's View:

The objectors are referring power intensity in terms of ratio of power consumption to output or power purchase cost to production cost. No provision exists for categorisation based on such parameters.

SEPARATE CATEGORY FOR TELECOM TOWERS:

125. **M/s Viom Networks, Secunderabad** have submitted that the Purpose and the nature for which supply is required by the telecom service provider (B T Ses) cannot be equated at par with other consumers in the commercial category and requested the commission to consider separate categorization on the basis of purpose for which supply is required i.e. rendering essential connectivity and access services ensuring seem less connectivity for wireless telecommunications to the public; M/s Indus Towers Ltd, Hyderabad requested for reduction in the tariff applicable for commercial category, while requesting a separate sub-category for telecom towers within the commercial category.

Licensees' Response:

The telecom towers business falls under LT-II Non-Domestic/Commercial category as per the Tariff Order.

Commission's View:

It is not possible to create a separate category based on the pattern of usage of electricity.

EXEMPT IT INDUSTRY FROM TARIFF HIKE

126. **Information Technology Service Industry of AP** has requested that IT companies may be treated as revenue earning and employment generation industry be exempted from tariff hikes to be imposed by the Licensees.

Licensees' Response:

For the year 2012-13 the estimated average realization at current tariffs is Rs.3.10/unit. This leaves a gap of Rs.1.23/unit compared to the average cost to serve of Rs.4.33 per unit which translates to a deficit of approximately Rs.4447.56 Cr. It has become inevitable for the licensee to propose increase in tariffs to reduce the huge financial burden.

Commission's View:

It is not possible to exempt a particular category from hike in tariff for the reasons mentioned by the objector. The tariff pattern is decided based on the overall full cost recovery model.

CROSS SUBSIDY SURCHARGE

127. The Licensees requested for determination of the cross subsidy surcharge to be paid by consumers who opt open access, i.e. availing supplies from persons other than Licensee.

Commission's View:

The Commission will process this request for determination of cross subsidy surcharge outside of this tariff while considering the information already incorporated in filings by the Licensees. If the need arises, the Commission will call for additional information from Licensees for this purpose.

TRUING UP OF ADDITIONAL AGRICULTURAL SALES

128. The Licensees requested for true up of expenses related to higher agricultural consumption volumes and higher transmission and distribution losses for FY 2010-11.

Objections/Suggestions

129. Sri BV Raghavulu and Sri M. Venugopala Rao expressed concern that the Licensees incurred additional sales on direction of GoAP with regard to Agriculture.They opined that the entire amount shall be paid by the Government. Further, they argued that the failure to achieve prescribed losses shall not make the licensees eligible for true up.

Commission's View:

The Licensees may file separate application for consideration of true up of these items while explaining facts and figures that necessitated them to seek true up.

SEPARATE TARIFF FOR RURAL CONSUMERS

130. **Sri K Raghu, representatives of some of the Farmers' organizations and others** have submitted that the issue of fixing a lower tariff for rural consumers had been discussed in detail by the Commission in its tariff order for FY 2011-12 (Para 162-165) and while recognizing the importance of issue raised by the consumers, Commission, however, ended up in only directing the DISCOMs to come up with practicable solutions in a time frame. They suggested that the tariff for rural consumers shall be 60% of tariff applicable to urban consumers.

Licensees' Response:

Steps are being taken up to increase the number of hours of supply in rural areas by implementation of a pilot project of Agricultural feeder segregation. The pilot projects have reached the completion stage and is currently under evaluation. Based on the results of this, a large scale rollout is being planned.

Commission's View:

This issue has been discussed at length in the tariff order for FY 2011-12. After detailed examination, the Commission had issued clear directives to the DISCOMs regarding the duration and quality of power supply to rural areas. The DISCOMs are once again directed to take necessary follow up action on the directives issued in the tariff order of FY 2011-12 in this regard.

TARIFF FOR ADVERTISEMENT HOARDINGS-LT-II (C)

131. Representatives of **Bharatiya Kisan Sangh,** representatives of some of the consumer organisations and **Sri K Raghu and others** have submitted that in the present tariff proposals, the DISCOMs did not propose any tariff hike for this category. They suggested enhancing this tariff to Rs. 12 to Rs. 15 per unit, stating that the consumption under this category would be mostly during the peak hours.

Licensees' Response:

The tariff hike from Rs.8.50/kWh to Rs.12/kWh would be very steep. The proposed tariff of Rs.8.50/kWh was fixed duly keeping in view of T.O.D of Rs.1 per unit. However, DISCOMs welcome the suggestion and the same would be examined. However, the final tariffs are determined by Hon'ble Commission.

Commission's View:

The increase in tariff proposed by the objectors is too steep. The Commission will keep the point of view of the objectors and the licensees in view while determining the tariff for this category along with the other categories as part of this tariff order.

PREPAID METERS FOR GOVT. DEPARTMENTS AND MUNICIPAL CORPORATIONS

132. **Sri RHN Sharma** while responding to the directive issued by APERC in Tariff Order for FY 2011-12 on the 'pre-paid meters for Govt. departments and Municipal Corporations' stated that The concept prepaid meters for Govt. Departments may not be worked out for want of cooperation from the departments of Govt. and disconnection of service is the only the solution to get the C.C. charges from the Govt. Departments.

Licensees' Response:

Fixing of pre-paid meters is a preventive measure to reduce accumulation of arrears from Govt. services.

Commission's View:

Recovery of arrears from Government departments, particularly those dealing with essential services like water supply, medical, municipal street lights etc., is always beset with practical problems and inconvenience to citizens. This is a sensitive issue and has to be addressed taking all implications into account. Installation of pre-paid meters would certainly act as one of the mechanisms to reduced/ eliminate delays in payment of outstanding bills and arrears

by Government departments. Resort to disconnection as per the terms and conditions of power supply is a measure that can always be resorted to, both in the system of pre-paid as well as post-paid metering.

CREATION OF CATEGORY FOR CAPTIVE/ OA CONSUMERS

133. DISCOMs, as part of the filings proposed to take an appropriate decision regarding placing all Open Access/Captive consumers under a separate category with separate tariffs.

M/s Nava Bharat Ventures Ltd, Hyderabad and others have submitted that the distribution licensees are seeking a hostile discrimination against those consumers who generate electricity for their own use or who source their energy from sources other than the distribution licensee.

Licensees' Response:

With reference to Sec: 43 (2) of EAct-2003, Licensees are of the opinion that, having a separate supply means availing power from a source other than the distribution licensee in those areas but doesn't mean having a second electric line. More than one supply can be availed through single electric line. Secondly, Captive/OA consumers will have more than one source of supply i.e., one from the territorial distribution licensee and other being captive/OA generators.

Commission's View:

The charging for electricity consumed in respect of consumers taking power from the licensee in addition to an Open Access arrangement / Captive arrangement is governed by Regulation No.2 of 2006 i.e., Interim Balancing and Settlement Code for Open Access transactions and also by Regulation No.2 of 2005 i.e., Terms and Conditions of Open Access to Intra – State Transmission and Distribution Networks. Hence, there is no need for a separate tariff category in this regard. Further, the proposal of the licensee in the ARR proposals is not a detailed specific proposal backed by relevant data to enable examination of the same by the Commission.

CHAPTER-VII

GENERAL VIEWS / SUGGESTIONS EXPRESSED AT PUBLIC HEARINGS

INTRODUCTION

In this chapter, the Commission has examined the non-tariff issues relating to general performance of DISCOMs, supply of electricity and certain technical/operational issues, raised by consumers/objectors in writing and during public hearings.

PUBLIC HEARINGS ON OLD PPAS

134. **Sri B.V. Raghavulu, Sri M Venugopala Rao and others** pointed out that Commission is reluctant to take up PPAs of projects like GVK, Spectrum and Lanco for public hearing and rectifying the manipulative and irrational provisions therein, though there have been persistent requests from the public over the years. In the past, they had repeatedly explained the irrational provisions in such PPAs and the resultant avoidable burdens on consumers of power every year running into hundreds of Crores of Rupees, they stated. Though supply of gas at present is about for 55% PLF only, the DISCOMs have made a provision for payment of incentive even on deemed/notional generation up to 85% PLF (from 68.5% PLF) in the case of GVK Jegurupadu project and Spectrum project, they objected.

Licensees' Response:

During 2011-12, the IPPs viz., M/s GVK Extn., M/s GMR Vemagiri, M/s Gautami and M/s Konaseema have achieved PLF of 85.73%, 82.298%, 84.988% and 71.28% respectively. The generation projection for the current year 2012-13, was envisaged considering the 75% natural gas supplies to above IPPs. Due to variation in PLF of Konaseema project during 2011-12 and 2012-13 there is an increase in the fixed cost component from 2011-12 to 2012-13.

Commission's View:

The issues regarding IPP's are being dealt in accordance with the provisions contained in the respective PPA's and case law concerning them.

CONSENT TO PPAS OF APGENCO

135. **Sri B.V. Raghavulu, Sri M Venugopala Rao and others** submitted that they have been requesting the Commission over the years to take up PPAs of APGENCO for public hearing and giving consent; APGENCO has been generating and supplying nearly fifty per cent of electricity consumed in Andhra Pradesh to the DISCOMs, and cost of power purchase from the generating units of APGENCO is being permitted on ad hoc basis in the tariff orders of the Commission; relatively higher power costs of the projects of APGENCO need to be explained and a public hearing on its PPAs is very much necessary from this angle also. There is every need to strengthen and improve efficiency of APGENCO.

Licensees' Response:

Under the purview of APERC.

Commission's View:

Action has been initiated regarding the process of grant of consent to the PPA's of APGENCO as per the prescribed procedures. Commission is equally keen to take expeditious action in this matter.

PUBLIC HEARING ON PPA OF BPL

136. **Sri B.V. Raghavulu, Sri M Venugopala Rao and others** submitted that responding to their queries on holding public hearing on the revived and amended PPA of BPL's power project at Ramagundam, the Commission, in its tariff order for 2011-12, stated that "the Commission would examine the issues involved when the DISCOMs file the executed PPA" (page 114). The DISCOMs have filed the "executed" PPA long time back. They pointed out that the

Commission heard the submissions of Dr.M.Thimma Reddy on admissibility of a review petition filed by him, questioning the propriety of the consent given by the Commission to the revived and amended PPA of BPL's project without holding any hearing, leave alone public hearing. Though the Commission has reserved the same for orders, no order on admissibility of the review petition is issued by the Commission so far, they stated.

Licensees' Response:

APERC directed APDISCOMs vide letter dated 05.01.2012 to furnish the details of tariff projections over the entire life of the project both in constant economic and dynamic scenarios as provided in the Executed Amended PPA entered on 13.06.2011 for 2x300 MW of M/s BPL Power Project (AP) Pvt Ltd. The above information would be furnished to APERC in due course of time.

Commission's View:

The DISCOMs should expedite their reply to enable the Commission to take further action in the matter.

AMENDMENTS TO FSA REGULATION

137. **Sri B.V. Raghavulu, Sri M Venugopala Rao and others** submitted that when the Commission held public hearing on amendments proposed to its regulations of FSA and when it received several suggestions, obviously, it felt the need for amending the same in a rational manner. Now that it has gone back on the same in the said FSA orders issued. It is indicative of the fact that it could not muster moral courage to go the whole hog in the matter, may be, to please the powers-that-be in the Government, they pointed out. **Sri K Raghu and others** also expressed their views on the prevailing FSA calculation methodologies.

Licensees' Response:

Under the purview of APERC.

Commission's View:

The proposed amendment is still under examination in the light of the views expressed by the different stakeholders.

POWER SUPPLY TO RURAL AREAS

138. **Sri B.V. Raghavulu, Sri M Venugopala Rao and others** submitted that the replies given by the DISCOMs in response to the directives of the Commission on the power supply to rural areas, show that they could not find out any practicable way, in the absence of separation of mixed feeders, to ensure continuous supply of power to rural areas; it is not made clear by the DISCOMs whether they have taken into consideration the demand of rural areas in working out the requirement of power for the year 2012-13 or whether the present load shedding in rural areas even up to 16 hours a day would continue; **Sri K Rajendra Reddy, Representatives of Bharathiya Kisan Sangh, representatives of political parties and consumer organizations,** and **many individuals** who have either submitted their objections in advance or appeared at the public hearings and made their submissions, expressed their anguish over the prevailing situation of power supply in rural areas. They submitted that the abnormal power cuts are leading to the closure of cottage industries, hampering the studies of students in villages and ultimately compelling the villagers to migrate to the cities, which is not warranted keeping the future of the country in view.

Licensees' Response:

Infrastructure has already been laid to provide 24 Hrs single phase power supply to rural area consumers and single phase supply has been provided during the surplus power times in the off season periods. Due to wide gap between demand and supply, the licensees have been resorted to load shedding in towns and rural areas. To minimise the load shedding, the licensees have begun the process for procurement of 2000 MW on medium term bidding basis.

Commission's View:

During the finalization of the Tariff Order for FY 2011-12, the Commission, after detailed discussions with the Licensees, members of State Advisory Committee and other stakeholders, issued the following directives to the DISCOMs. (a) to complete all the works pertaining to the pilot projects by 31.07.2011 and submit a compliance report, along with the results observed by 15.08.2011 (b) to seriously examine the issue of rural power supply and come up with a better solution than segregation of feeders, which, at the current pace is likely to take more than 20 years for completion. (c) to examine the feasibility of alternative mechanisms to obviate the need for separate agricultural feeders in the context of the request of the consumers not to restrict power supply to rural households to the 7 hrs time restriction of agriculture sector. (d) to examine the issues connected with power supply to rural areas and come up with, both cost & time frame wise practicable solutions by 30-10-2011. Commission reiterates its earlier directives and directs the DISCOMs to take follow up action on priority basis.

REDUCING THE T&D LOSSES

139. **Dr K Narayana, Dr Thimma Reddy and others** have pointed out that during the year 2010-11 in EPDCL area, T&D losses stood at 6.96% of the power supplied. If other three DISCOMs also reach that T&D losses rate, more than 5,000 MUs of power could be saved and this would result in savings of Rs.1,500 Cr to Rs.2,400 Cr.

Licensees' Response:

The LT proportion among the total sales is very low for EPDCL as compared to the other DISCOMs. The agricultural sales contribute only 13% of the total sales for EPDCL whereas for NPDCL, the agriculture sales contribute more than 39% of the total sales. The difference in the agriculture sales proportion between EPDCL and NPDCL alone would contribute to more than 6% losses. Hence,

comparing the losses of EPDCL to that of other DISCOM's is not appropriate as the losses depend a lot on the sales mix.

Commission's View:

While the effects of agricultural sales percentages in the context of T & D losses reduction have to be factored in, it is also to be kept in view that vigorous efforts are a sine-qua-non for achieving exemplary results. Commission would like to put on record its appreciation for the efforts taken by EPDCL to get the losses reduced, along with providing a relatively better consumer service in the areas like replacement of failed DTRs, addressing the consumer complaints, making use of the Information Technology for a better performance of the DISCOM etc.,

ENERGY CONSERVATION

140. **Dr K Narayana, Dr Thimma Reddy** and others have pointed that there appears to be no coordination between DISCOMs and NREDCAP, the nodal agency under Energy Conservation Act in promoting energy efficiency; the Commission may come out with specific targets to be achieved on energy efficiency front, they suggested; **Sri A Punna Rao,** Vijayawada pointed out that the distribution of CFL bulbs is very slow and **Sri Sridhar Reddy** suggested that the distribution of CFL bulbs shall be taken up in all the villages; **Sri RHN Sharma, Sri Hume Shastry**, **Dr Muralidhar** and others also expressed their concerns over the steps being taken up by the DISCOMs to promote conservation of energy; regarding the DSM measures being taken up by DISCOMs, **Dr K Narayana, Dr Thimma Reddy** and others have pointed that though the DISCOMs claim that 80% of the Agricultural pump sets are provided with capacitors, in reality, only 10% of the pump sets have the capacitors installed.

Sri BN Prabhakar and others submitted that Commission specially directed the AP DISCOMs to submit the approach paper on incentivization of solar water heaters by LT consumers by November

2011; but, none of the AP DISCOMs submitted their proposals. They also suggested that Commission to instruct the GoAP, NEDCAP & APDISCOMs to consider the imposition of mandatory energy audit for all HT/EHT consumers, high rise buildings, etc.; it is understood that the State of Kerala issued orders vide GO No.2/2011/PD Dt: 01.11.2011.

Licensees' Response:

An expression of Interest received from M/s. Banyan Environmental Innovations (P) Ltd., Hyderabad for implementation of Bachat Lamp Yojana (CFL) Scheme. The Licensee has called for further negotiations as per the BEE guidelines and suggestions and the response of the firm is awaited (NPDCL); APCPDCL has started the distribution of CFLs in place of ICLs under Bachat lamp Yojana (BLY) Scheme announced by Government of India. The main aim of Distribution of CFLs in place of ICLs is to reduce the electricity consumption by households during peak load hours (CPDCL); under the purview of Commission; SPDCL already executed a pilot project of distributing CFL bulbs in Kampalem village of BN Kandriga Mandal (SPDCL); Under the purview of APERC; 6.5 lakhs of CFL bulbs have already been distributed in phase-I. In phase-II, the supplier turned back staring that presently the carbon market is not encouraging; regarding the incentivization of solar water heaters, it is not feasible to give incentives merely based on fixing the solar water heaters by the consumers since ensuring the proper functioning of each solar water heater will be a difficult task; imposition of mandatory energy audit is within the purview of APERC.

Commission's View:

Promotion of energy conservation measures is one of the top most priorities of the Commission. All through the tariff orders, commission has been advising the DISCOMs by issuing directives wherever necessary, to promote energy conservation. Commission desires that the DISCOMs of AP should study the energy conservation

measures being taken up by the DISCOMs of the other states, as suggested by some of the objectors and adopt the measures which are really beneficial. It is learnt that the Govt of AP has formulated an energy conservation committee, CMD, EPDCL being the chairman. Commission appreciates such positive steps. In this connection, DISCOMs are directed

> *to submit a 'detailed report' depicting the circle wise details of the studies made by the committee constituted under the chairmanship of CMD, EPDCL for conservation of energy, recommendations of the committee and the energy saved on adoption of these recommendations, by 30.06.2012, duly posting all such details on the respective websites of the DISCOMs.*

TIMINGS OF POWER SUPPLY TO AGRICULTURAL SERVICES

141. Consumer Organisations like **Bharatiya Kisan Sangh, Rashtriya Rythu Seva Samithi, representatives of political parties like CPI, CPI (M), TRS, MCPI and many of the farmers**, particularly from NPDCL & SPDCL areas appeared before the commission, during the public hearings held, and expressed their concern over the poor timings of power supply to the Agricultural services. The issue of the timings is found to be two-fold. One is that the Agricultural services are not being supplied power even for the promised 7 hours fully and that the shortfall in the duration of the supply due to the interruptions, for various reasons, is not being compensated. Secondly, the objectors complained that power is being supplied during the mid-night hours, causing health problems to the farmers. Farmers like **Sri Vanadri Naidu** complained, it is horrible that even this 7 hours power supply is being now given in three spells.

Licensees' Response:

Depending on the demand-supply gap positions, power to Agricultural services is being supplied for 7 Hrs in 3 shifts and wherever possible, power for 7 Hrs is being supplied in 2 shifts.

Commission's View:

Supply hours of power to different categories of consumers is a complicated issue. Availability of power at different times of the day has to be co-related with the occurance of demand from different categories of consumers. The licensees are advised to plan the hours of supply keeping in view the concerns of different categories of consumers in the context of power supply availability at different times of the day by monitoring the demand-supply scenario effectively.

COMPENSATIONS TO VICTIMS OF ELECTRICAL ACCIDENTS

142. Another major issue that came up during the public hearings is that of the amounts of compensations being paid to the victims of electrical accidents. Consumer Organisations like **Bharatiya Kisan Sangh, Rythu Seva Samithi, representatives of political parties like CPI, CPI (M), TRS, MCPI** and many of the **farmers across all the DISCOMs** submitted that the current amounts of compensations i.e. Rs 3000/- for cattle & Rs 100000 for humans are very meagre and that the procedure being insisted by the DISCOMs for claiming the compensations is tiresome. They requested to enhance the compensation for humans to Rs 500000 & for cattle depending upon the rates finalised by the concerned authorities like Animal Husbandry. Some of the Objectors also suggested to call it as 'exgratia', instead of 'compensations' and to bring these cases/payments under CGRFs of the DISCOMs.

Licensees' Response:

Compensations are being arranged in cases where it is proved that the fault lies with the DISCOM. In respect of cases in which all the required documents are ready, compensations are being arranged without delay. Enhancing the amounts of compensations is in the purview of Govt of AP.

Commission's View:

The quantum of compensations in such cases is based on a pattern evolved by the DISCOMs themselves from time to time. DISCOMs may examine the issue in the light of the views expressed at public hearings.

COMPENSATION FOR LOSS OF LAND

143. **Sri Ch Venugopala Rao** submitted that compensations for loss of land & crops during the construction of Transmission lines & substations shall be arranged as per the Telegraph Act; highest of the compensation amounts among the states in India be paid towards the compensation for loss of trees.

Licensees' Response:

Under the purview of APTRANSCO.

Commission's View:

APTRANSCO may examine the issue in the light of the law governing such activity.

FREE POWER TO HOUSEHOLDS AROUND APGENCO PLANTS

144. **Sri Ch Venugopala Rao** submitted that free power shall be supplied to the households within the 5KM perimeter of APGENCO plants, as per the norms of the central Govt.

Licensees' Response:

Not in the purview of DISCOMs.

Commission's View:

DISCOMs, in consultation with APGENCO, may ascertain the factual position of the Govt of India's orders, if any, on the supply of power at free of cost to the domestic services within the 5KM perimeter of APGENCO plants and furnish the same to the Commission.

COLLECTION OF CHARGES FOR REPLACEMENT OF BURNT METERS & CHANGE OF CATEGORY

145. **Sri DV Lakshmi Narayana** submitted that in spite of the replies given by the CMD/SPDCL in writing during the process of the Tariff Order for FY 2011-12, officials of DISCOMs are still collecting excess differential development & security deposit charges, against the rules. Similarly, officials are collecting the charges for the replacement of the first time burnt meters too, against the rules. There is no action from SPDCL in spite of intimating them of such instances of collection of charges illegally. Even an application has been filed before the CGRF of SPDCL. But, no order is issued so far.

SPDCL Response:

Charges are being collected as per the respective regulations issued by the Commission. Burnt meters are being replaced as per the norms set pot in the Reg No: 7 of 2004. Vide No: 223/2011-12/Guntur/03-12-2011, the CGRF resolved the case filed by the applicant.

Commission's View:

DISCOMs should comply with the provisions of the regulations issued.

COST OF DTR TO BE BORNE BY CONSUMERS WITH HIGHER LOADS

146. **Sri DV Lakshmi Narayana** submitted that with the help of the officials of the DISCOM, occupants of apartments & commercial complexes are showing lesser contracted loads in the records and getting service connections without exclusive DTRs, which is causing voltage problems to the neighbouring consumers. Rules may be framed such that it becomes mandatory to bear the cost of DTR if the contracted load exceeds 10 MW.

SPDCL Response:

Before releasing such services, the respective premises and connected documents are being verified by the DISCOM. However, suggestion of the objector is noted.

Commission's View:

DISCOMs may examine the suggestion of the Objector and come up with proposals, if required.

REFUNDING OF AMOUNTS, IF APPLICATION IS REJECTED

147. **Sri DV Lakshmi Narayana** submitted that Call centres are not refunding the amount paid, in case the application for new service connection is rejected.

SPDCL Response:

Amounts, except the application fee, are being refunded, in case the application for new service connection is rejected, for whatever is the reason.

Commission's View:

The other DISCOMs in the state may follow the pattern being followed in SPDCL.

SUPPLY OF TARIFF ORDER COPY IN TIME

148. **Sri DV Lakshmi Narayana** submitted Copy of the Tariff order for FY 2011-12 is received with a delay of 10 months and requested the commission to arrange copies through DISCOMs by April it self

SPDCL Respoonse:

Tariff Order for FY 2011-12 is available on the internet and at DISCOM's office, from April onwards.

Commission's View:

Since there was a problem with the translation of the Tariff Order into Telugu, Commission decided to send the English version of the Order even to the objectors who filed the objections in Telugu. Suggestion of the objector is noted and the Commission will endeavour to provide Telugu version to objectors who file objections in Telugu.

REVIEW OF STANDARDS OF PERFORMANCE (SOPS)

149. Some of the objectors like **Sri K Rajendra Reddy** suggested that there is an immediate need to make a review of the existing standards of performance and make necessary amendments in the light of the experiences by the Forums/ NGOs and enlighten consumers and for this purpose the Hon'ble Commission should invite suggestions from public and prepare a thoroughly revised standards of performance.

Licensees' Response:

Under the purview of Commission.

Commission's View:

Suggestion of the objector is noted.

RESPONSE FROM TOLL FREE NUMBER CENTRES

150. Representatives of **Bharathiya Kisan Sangh**, individuals like **Sri RHN Sharma** and others have submitted that there is no proper response from the Toll Free numbers provide by the DISCOMs.

Licensees' Response:

Wide spread campaigning has already been taken up by the Licensees for creating awareness among the consumers about the Toll Free numbers. Licensee will take necessary steps to see that the information on Toll Free Number reaches the grass root level.

Commission's View:

As directed earlier in the Tariff Order for FY 2011-12, DISCOMs shall ensure proper functioning of the call centres in attending to the calls of the consumers to get their problems pertaining to power supply resolved without delays.

SAFETY RELATED ISSUES

151. **Sri D Rama Swami Reddy,** while appreciating the action initiated by SPDCL in drawing the neutral wire from 33/11 KV Substation and connecting it to the existing DTR, suggested that the other DISCOMs

too follow this safety measure. However, **Sri K Rajendra Reddy** pointed out that the licensee has rejected the directive of the Hon'ble Commission regarding running of neutral wire from 33/11 KV Sub-Stations to all Single phase transformers on the plea that the exercise will be a costly affair. Apart from them, some of the objectors, many of them are representatives of Farmers' organizations, too expressed their concern over the prevailing conditions of the networks in villages, stating that they are prone to causing fatal accidents.

Licensees' Response:

Running neutral wire from 33/11KV SS to all the single phase transformers is carried out in one feeder in each division of the DISCOM. The results are being studied. Running neutral wire for all the other feeders will be carried out at the earliest.

Commission's View:

In the tariff order for FY 2011-12, the Commission had given a clear directive instructing the DISCOMs "not to extend power supply by using 6.3 kV single phase distribution transformers without providing neutral wire from the sub-station". The Commission reiterates the above directive and also the caution given therein to the effect that non-implementation of this directive will result in action in terms of Sec 142 of Electricity Act 2003.

PROVIDING AB SWITCHES TO HVDS TRANSFORMERS

152. **Sri K Vaanaadri Naidu, Sri K.Rajendra Reddy** and **representatives of the Farmers' associations**, particularly those belonging to SPDCL area suggested that the HVDS system should have a ON/OFF switch like it is there in a transformer. The switch should also be accessible so that it can be turned off in case of any emergency for safety purpose.

SPDCL Response:

AB switches are provided at every mother DTR location and also in the lines for sectionalization and easy maintenance purpose.

Commission's View:

All the DISCOMs are advised to follow the practice being followed by SPDCL wherever HVDS programme is under implementation.

PILFERAGE OF ENERGY

153. **Sri A. Punna Rao** pointed out that the theft of power in the Old city of Hyderabad is very high and it is more than 40% and yet no active steps are being taken by the DISCOM to stop colossal power loss. Some of the other objectors like **Sri RHN Sharma** also expressed their concern on this issue.

CPDCL Response:

DPE wing has been conducting the inspections in the Hyderabad South (Old City). As it is a sensitive area, a lot of resistance and opposition are being faced from the local people for inspections. By taking the help of the APTS wing, inspections are being conducted in high loss DTR areas along with Operation Engineers and they are also conducting verifications of bill stopped, UDC, Nil consumption, not in use services and meter tamper services. Apart from DPE wing, operation staff is also booking cases wherever theft is noticed.

Commission's View:

While appreciating the efforts being put up by the DISCOMs to curb the theft of energy, Commission, in its Tariff Order for FY 2011-12, already suggested to examine the possibilities of franchisee arrangement in areas with high losses and also to involve local NGOs or prominent citizens to spread awareness and enforce anti-theft rules with police help if required. A report on the efforts taken put up in these lines may be submitted to the Commission by 31.07.2012.

OBJECTIONS / SUGGESTION FOR EPDCL

154. **Sri RHN Sharma,** submitted the following objections/suggestions: (a) no compensations are paid to the consumers who faced hardships

with power cuts for 6Hrs – 12 Hrs (b) Pre- Monsoon inspection (PMI) shall be conducted from 1st week of January to 31st of May every year to avoid breakdowns (c) private companies are illegally using the poles of DISCOM for their advertisement purposes (d) more bill collection centers are required.

EPDCL Response:

(a) Licensee is putting all efforts to extending power supply for 24 Hrs (b) PMIs are being conducted as per schedule (c) this issue is being examined (d) depending upon the requirements; bill collection centres are being increased.

Commission's View:

Replies of the DISCOM are found to be satisfactory.

REPLACEMENT OF FAILED DTRS

155. **Representatives of the Farmers' Organizations, Political parties and many of the farmers,** whether it is in writing or appearing at the Public Hearings, have brought this critical issue of non-replacement of failed DTRs in villages in time. They submitted that at many places, in spite of the directions of the Commission, DISCOMs are not displaying the details of the replacement of failed DTRs; staff of the DISCOMs are demanding for money for replacement of the DTRs and in majority of the cases, farmers themselves are incurring the expenditure. They requested for strict directions from the Commission for replacement of failed DTRs in time and without collecting any amounts from the affected farmers.

Licensees' Response:

Failed DTRs are being replaced within the time stipulated in the SoPs regulation of APERC. DISCOM meets all the expenditure towards the replacement of failed DTRs.

Commission's View:

Commission considered this as another major issue to be addressed and has given a direction to the DISCOMs to display the details at

Section level to Circle level. During the review meetings with the DISCOMs, the efforts being taken up by EPDCL to improve the situation in this area are found to be commendable and hence advised the other 3 DISCOMs to study and follow the methods that EPDCL developed.

COLOUR CODING FOR THE MATERIALS ALLOTTED FOR AGL SERVICES

156. To arrest the misuse of the line materials allotted for the Agl services, **Sri Sridhar Reddy & other representatives of Bharathiya Kisan Sangh** have suggested a colour coding, as is being done in respect of the kerosene being distributed by the Civil Supplies department.

Licensees' Response:

Once in a year, materials required for all the works, including the ones pertaining to the Agl services would be purchased; hence, it is not possible to give any colour coding as suggested.

Commission's View:

If not colour coding as suggested, any other idea may be thought of by the DISCOMs so as to arrest the misuse of materials allotted for Agl services.

REPLIES BY THE REPRESENTATIVES OF THE GOVERNMENT

157. Representatives of **Bharathiya Kisan Sangh and others** have demanded that for the issues raised, questioning the policy matters of the Government during the public hearings, the concerned authorities shall be available in the public hearings.

Licensees' Response:

No reply is given by the DISCOMs.

Commission's View:

Commission has been informing the State Govt regarding the schedule of public hearings in respect of ARR/tariff filings of DISCOMs, with a request to depute their representative.

ENHANCEMENT OF THE CAPACITY OF DTRS

158. **Sri Sarampalli Malla Reddy and others** have submitted that due to the very old materials in the network, DTRs are getting overloaded and failed, causing problems to the farmers. DISCOMs are not showing any interest to enhance the capacities of the existing DTRs.

Licensees' Response:

Data pertaining to the overloaded DTRs is being maintained and depending on the urgency and the availability of funds, all such works are being done.

Commission's View:

DISCOMs shall get the tong tester readings of the DTRs periodically and chalk out schedules for enhancement of the capacities of the respective DTRs on top priority.

PAYMENT OF COMPENSATIONS FOR LOSS OF CROPS

159. **Sri Sarampalli Malla Reddy** and representatives of the other farmers' organizations have suggested that DISCOMs shall pay for the loss of crops due to electrical accidents if the committee comprising of Village Revenue officer, Village Sarpanch & Mandal thahasildar accept to the amounts to be paid.

Licensees' Response:

DISCOMs have been supplying quality power for 7 Hrs to the Agl services if accidents take place because of other reasons, then, payment of compensations to the loss of crops does not arise.

Commission's View:

Licensees may examine the issue in the light of the objection and furnish their remarks.

PURCHASE OF POWER: CASE-I BIDDING

160. **Sri BV Raghavulu and others** suggested that Commission should permit purchase of additional power by the DISCOMs in a limited and

prudent way and if the Government directs the DISCOMs to purchase additional power, it should bear the expenditure after deducting the revenue accrued to the DISCOMs on sale of such additional power. There is no justification or need for extending time again from November 29, 2011 for finalizing case 1 bidding of the DISCOMs for purchasing 2000 MW plus or minus 20% for a period of 25 years from private merchant power plants, especially when the DISCOMs have claimed that they have already got the consent of the Commission for purchasing 2000 MW on medium term basis under case-I bidding.

Licensees' Response:

Under the purview of APERC.

Commission's View:

All matters concerning purchase of power on long term basis and medium term basis are covered by case-I bidding guidelines issued by the Government of India.

CONSUMER AWARENESS

161. **Sri K Raghu and others** have submitted that the awareness levels of consumers regarding standards of performance (SoP), Consumer Grievance Redressal Forum (CGRF), Ombudsman etc, are very low. It is suggested that these details may be printed at the back of the electricity bills issued to consumers for better awareness on consumer rights. **Sri K Rajendra Reddy**, while appreciating that the level of awareness among the consumers is increased due to the improved performance of CGRFs, felt that yet a lot of effort is to be put in to increase it.

Licensees' Response:

Taken note of the suggestion.

Commission's View:

Whether it is during the review meetings with the DISCOMs/CGRFs or in the Tariff Orders, Commission has continuously been directing the

DISCOMs to make all the necessary steps to increase awareness among the consumers about the various grievance Redressal mechanisms, like CGRFs & Ombudsman, available at their disposal. Commission even directed the DISCOMs to take the help of the NGOs/local Consumer Organizations in this regard. During the review meetings, Commission directed the CGRFs to go around various mandals within the respective DISCOM and hold meetings with aggrieved consumers. DISCOMs have been directed to celebrate even the formation day of the Commission as 'Consumer day'; Regarding printing the details of CGRFs, Ombudsman etc, on the backside of the energy consumption bills, DISCOMs shall ensure that all the details, as envisaged under Supply Code Regulation No: 5 of 2004 of APERC, are printed on the consumer bills.

AVAILABILITY OF STAFF IN THE FIELD

162. **Some of the Objectors, particularly rural consumers,** during the public hearings, have brought it to the notice of the Commission, that the DISCOMs are not providing sufficient staff in the field to attend to the power supply related problems. Further, they submitted, that even the available staff are not staying at the headquarters, compelling the consumers, particularly farmers, to attend to the repairing works like putting the transformer fuse, changing the transformer oil etc, which are causing accidents some times.

Licensees' Response:

DISCOMs have issued clear instructions to their officers and staff to stay at headquarters. Further, they have been requesting the GoAP to accord approval for recruitment of staff.

Commission's View:

This issue of staffing at field level has been discussed in the SAC meeting also. Representatives of Unions have intimated that they also have appealed to their members to stay at the headquarters to provide a better service to the consumers. Further, they emphasised

the need to recruit the field staff as per the norms. Commission desires that the DISCOMs shall ensure that the field staff stays at the headquarters.

INCENTIVES FOR ADVANCE PAYMENTS & PAYMENTS THRU CREDIT CARDS

163. **Sri Hume Sasthry,** submitted that (a) DISCOMs are not paying incentives if payments are made in advance; he said that MSEB is paying an incentive of 1% for such payments made in advance (b) DISCOMs are not accepting payments through Credit Cards.

EPDCL Response:

(a) Under the purview of APERC (b) Payment thru Credit Cards is accepted in respect of online payments.

Commission's View:

DISCOMs may examine the suggestions of the objectors and submit proposals to the Commission, if required.

TARIFFS VIS-A-VIS QUALITY POWER SUPPLY

164. **Sri Chaganti Venkateshwarlu** and others have submitted that when the APERC is considering the hiking of tariffs as per Section 11(e) of the Reforms Act and passing orders, APERC has thus became responsible and accountable as per Section 11(d) of the Act and it cannot hike the power tariffs. Regulation of Power supply is in the jurisdiction of the APERC and it becomes the responsibility of APERC to arrange a quality and reliable power supply as per the provisions of the Reforms Act.

Licensees' Response:

Proposed tariff hike is due to increase in both the power purchase cost and the network cost. To reduce this revenue gap, the licensee is undertaking several energy conservation and loss reduction activities. But, without realistic revision in tariffs, these steps would fall short in bridging the revenue gap.

Commission's View:

Section 11(d) and 11(e) of the Reforms Act, cited by the objector are mutually complementary provisions. While 11 (d) casts an obligation on the Commission to promote quality, continuity and reliability of electricity supply, 11 (e) mandates the Commission to keep in view the consideration that the supply and distribution cannot be maintained unless the charges for the electricity supplied are adequately levied and duly collected, while regulating the tariff and charges for such supply. The Commission is determining the tariff keeping in view the above provisions of the Reforms Act, as well as the provisions of the Electricity Act, 2003 and the regulations governing the fixation of tariff. The Commission is endeavoring to strike a balance between the objectives of providing adequate revenues to the licensees for discharge of their electricity supply obligations and at the same time keeping in mind the objective of making available such supply at reasonable rates to the consumers.

RECOVERY OF LF INCENTIVES FROM HT CONSUMERS

165. **Sri B.V. Raghavulu, Sri M Venugopala Rao and others** pointed out that in response to the directive of the Commission on the issue of recovery of the excess Load Factor incentives to HT consumers, the DISCOMs have explained that they are trying to recover the estimated excess incentive amounts. They said that while CPDCL has simply stated that a report was submitted to the Commission on 30.6.2011, EPDCL has explained that excess incentive was allowed to 14 consumers from 2001-02 to 2008-09 and that notices were issued to them and that a report was submitted to the Commission on 8.11.2011. SPDCL has explained that against three consumers excess LF incentive was arrived at Rs.49.29 lakhs and gave details of recovery and pending cases. NPDCL has stated that no such cases have taken place in its purview. Commission is requested to call for records pertaining to LF incentive allowed to HT consumers by the DISCOMs, examine the same thoroughly, determine the excess

amount allowed from 2001-02 to 2008-09 and issue necessary instructions to the DISCOMs to recover the same.

Licensees' Response:

As, the scheme is in operation for a period of 5 months only during the financial year 2010-2011, the incentive amount is much lesser than the corresponding amount pertaining to the financial year 2010-2011. Efforts are being made for realization of the same as per the directions of Hon'ble High Court of A.P (CPDCL); No such cases in DISCOM (NPDCL); report has been submitted to APERC, along with realization particulars (EPDCL); contents are noted (SPDCL).

Commission's View:

Commission desires that the Licensees expedite the recoveries from the concerned, duly following the orders of the Commission.

RECOVERY OF DEMAND CHARGES FROM APGPCL

166. **Sri B.V. Raghavulu, Sri M Venugopala Rao and others** submitted that in response to the directive of the Commission, EPDCL has explained that as per the order dt 06.05.2010 issued by the Commission, the amount recoverable from APGPCL towards inflated demand charges from the date of its inception to 2009-10 was Rs.39.7935 Cr. and a sum of Rs.5.0590 Cr was recovered from APGPCL. EPDCL has further explained that a sum of Rs.5.3361 Cr. was deducted by APPCC from May 2011 CC bill payable during June 2011 towards part recovery of Rs.51 Cr pertaining to all Licensees; CPDCL has stated that it has submitted its report dated 30.6.2011 to the Commission; NPDCL has stated that recovery of demand charges from APGPCL for the period from September 2002 to May 2010 was arrived at Rs.3.52 Lakhs and that a letter was addressed to APPCC to recover the same; SPDCL has explained that for the period from October 1995 to March 2010 the excess demand charges from APGPCL are Rs.14.27 Cr and requested APPCC to recover the same. It has further stated that prior to October 1995 the estimate is under process. It is strange that at the

meeting held on 3.8.2011, under the chairmanship of the C&MD of AP Transco, it was decided, inter alia, that APGPCL would approach APERC to file a review petition on the Commission's order on inflated demand and the Licensees were instructed to serve a demand notice against the participating industries towards inflated demand charges, instead of raising the bill on APGPCL, such actions are against the orders of APERC. Instead of approaching the Commission through a review petition, APGPCL approached the High Court and got a stay order.

Licensees' Response:

By and large the Licensees stated that APPCC has been informed to recover the amounts from APGPCL; the recovery of demand charges in APGPCL is currently sub judice.

Commission's View:

Commission desires that the Licensees expedite the recoveries from the concerned, duly following the orders of the Commission.

SALE OF EXCESS POWER BY VEMAGIRI PROJECT

167. **Sri K Raghu** pointed out that presently Vemagiri project is allowed to sell excess power, over and above the installed capacity, in the open market. This excess capacity is about 20MW. APTRANSCO & APDISCOMs have made huge investments for creating evacuation facilities from Vemagiri power project assuming that the entire power would be sold to DISCOMs only. As some of the power is being sold in the open market using open access by M/s Vemagiri, DISCOMs are requested to inform whether any recoveries are made proportionate to the open market sales by M/s Vemagiri, to recover the investments already made.

Licensees' Response:

M/s Vemagiri had earlier supplied their excess capacity to the APDISCOMs only when RIL D-6 gas was supplied up to 100% PLF from

April 2009 to October 2010. From October 2010 to till to date M/s Vemagiri is not generating any excess capacity due to reduction in RIL D-6 gas supplies.

Commission's View:

Keeping the point raised by the objector in view, the Commission desires that whenever such excess power is sold by the developer to the Licensee or otherwise, the transmission charges shall be levied as applicable.

USAGE OF MATERIALS WITH STANDARDS

168. **Sri G Prabhakar Rao** and others have submitted that the DISCOMs shall procure equipment and other materials which are as per the BIS & other relevant standards specified for reduction of losses and shall take all the necessary measures for conservation of energy. He suggested looking at the neighbouring states like Tamilnadu and Karnataka which could achieve good results in reduction in percentage failures of DTRs and reduction in system losses.

Licensees' Response:

CPDCL replied that they have been purchasing all the equipment and the materials as per the relevant Indian & International standards specified only.

Commission's View:

Licensees may note down the suggestions of the Objectors and ensure that the equipment and the materials being procured by the Licensees comply with the relevant standards.

FINANCIALS OF DISCOMS-DUES FROM GOAP

169. **Sri Shivarama Krishna** observed that from the press reports and various reports published by Central Government, that APDISCOMs have accumulated a cumulative cash loss of about Rs.10,000 Cr. from which major portion of the amount ought to be given by the Government of AP, due to its commitment on free power to

Agriculture and expensive power purchase resorted to by the Licensees during certain months in previous years. In this connection, it is pointed out that GoAP without discharging its obligation to support the Licensees, allowing the Licensees to raise the tariffs is arbitrary and capricious.

Licensees' Response:

To reduce the revenue gap, the licensee is undertaking several energy conservation and loss reduction activities. But, without realistic revision in tariffs, these steps would fall short in bridging the revenue gap (CPDCL).

Commission's View:

The amounts of subsidy under section 65 of the Electricity Act, are by and large being released to the DISCOMs as per the commitments conveyed to the Commission in continuation of the statements read out by the representative of the GoAP at the Public Hearings each year.

OTHER BUSINESSES BY DISCOMS

170. **Sri K Raghu** reminded that Commission, in its previous orders directed DISCOMs to explore/identify potential areas for entering into other businesses as per section 51 of Electricity Act 2003 and requested the DISCOMs to furnish details of progress achieved in this regard.

Licensees' Response:

Still mulling over the possible options.

Commission's view:

This directive was given by the commission earlier in the context of the need for revenue mobilization from all possible sources to strength the finances of the discoms. Such initiatives are all the more necessary now at the present juncture when the discoms are facing a very difficult financial position. It would be in the interest of Licensees and also the consumers, if the potential for generating

incomes from other sources by tapping the available infrastructure and manpower of the discoms. However, the Licensees should exercise caution to ensure that this does not come in the way of performance of core electricity functions of the discoms.

***e*-SEVA RELATED ISSUES**

171. **Dr K Narayana, Sri Thimma Reddy and others** submitted that in its report for the year 2007 related to Andhra Pradesh CAG observed that CPDCL provided rent free accommodation to nine urban e-Seva centers free of cost, thus extending undue benefit and revenue loss of Rs.2.01 Cr". e- Seva centers are not extending their services to DISCOMs alone, but to many other Govt departments also, collecting the highest service charges. If e-Seva does not offer service at the lower rate this may be transferred to others who have been offering at lower rate. Other service providers are not given any rent free accommodation. Commission is requested to direct the DISCOMs to collect rent from the e-Seva service providers wherever they were given accommodation by the DISCOMs in the state.

Licensees' Response:

e-Seva Centers have been established in the year 2001 as a part of e-Governance which is an initiative of Govt., of A.P to offer better services to the Consumer Public. Advantage of establishing e-Seva Centers in CPDCL premises is that consumers can get integrated services for their billing problems and payment facilities at one go. e-Seva is being paid Rs.2/- per bill as they are providing the on-line bill payment facility with infrastructure of their own

Commission's views:

In its Order, dated: 21.05.2011 in OP No. 38 of 2009, this Commission already stated that 'Commission is not inclined to interfere with the action of the licensees in payment of charges to the service provider as it is neither a tariff nor any part of tariff, but it is purely, an administrative expenditure incurred by licensees'.

CHAPTER-VIII

REFERENCE TARIFF SCHEDULE

INTRODUCTION

172. In this chapater, the Commission is preparing a reference tariff schedule by making certain modifications to the tariff rates proposed by the licensees in the light of the objections/suggestions/views raised by consumers/organisations during public hearings. In the preparation of this reference tariff schedule, the Commission is also making certain further modifications from the view point of better cost recovery, better load monitoring, better energy conservation and better enabling of improved standards of performance, ensuring tariff to reflect cost, limiting cross subsidisation, avoiding tariff shocks and GoAP policies on supply to agriculture, etc. In this chapter, the Commission is also examining certain additional proposals for charges for FY 2012-13 made by Licensees and determining the same from the point of better revenue collections and enabling better standards of performance.

173. To achieve the above objectives, the Commission is adopting the following approach:

- Keeping unchanged the rates/charges as filed by the Licensees, for the consumer categories, for which the rates/charges proposed by licensees is leading to reasonable cost recovery.
- Enhancing the rate/charge higher than the rates/charges proposed by Licensees for some consumer categories for which the rates/charges proposed by licensees is not leading to reasonable cost recovery.
- Keeping unchanged the rates/charges as filed by Licensees for certain agricultural consumer categories which are traditionally reciving subsidy under section 65 of the Act.
- Reducing the rates/charges for certain consumer categories for which the Licensees proposed tariff hike cannot be accepted from the view points of cost-tariff alignment and cross subsidisation reduction.

174. The Filings Modified Tariff Schedule arrived at by making changes to certain filing rates including reasons for the said changes, are given in Table **33**.

Table 33**: Reference Tariff Schedule for FY 2012-13**

Consumer Category		Current Charge 2011-12	Proposed Charge by Licensee for FY 2012-13	Proposed Charge by APERC for FY 2012-13 for Full Cost Recovery	
				Charge	Reason for Proposed Modification by APERC
(1)		(2)	(3)	(4)	(5)
LT-I: DOMESTIC					
LT-I(A): CONTRACTED LOAD 500 WATT & BELOW					
0 - 50 units		1.45	1.45	1.45	
51 - 100 units		2.80	Entire Energy Billing will be under LT-I(B)	2.60	Proposed the rates as applicable for LT-I(B) to retain telescopic benefit of Rs.1.45/unit in the slab of 0-50 units per month for consumers whose consumption exceed 50 units/month.
101 – 200 units		3.05		3.60	
201 – 300 units		5.23		5.75	
301-500 units		6.00		6.75	
More than 500 units		6.25		7.25	
LT-I(B): CONTRACTED LOAD ABOVE 500 WATT					
Upto 100 unit	0-50	1.45	2.60	2.60	
	51-100	2.80			
101 - 200 units		3.05	3.60	3.60	
201 - 300 units		5.23	5.75	5.75	
301-500 units		6.00	6.75	6.75	
More than 500 units		6.25	7.00	7.25	Proposed increase is to arrest luxury consumption, encourage energy saving measures and to have better cost recovery
LT-II: NON DOMESTIC /COMMERCIAL					
LT-II(A): CONTRACTED LOAD 500 WATT & BELOW					
0-50 units		3.85	3.85	3.85	
51 - 100 units		6.20	Billing will be under LT-II(B)	6.00	Proposed the rates as applicable for LT-II(B) to retain telescopic benefit of Rs.1.45/unit in the slab of 0-50 units per month for consumers whose consumption exceed 50 units/month.
>100 units		6.50		7.00	
LT-II(B): CONTRACTED LOAD ABOVE 500 WATT					
Upto 100 units	0-50	3.85	6.00	6.00	
	51-100	6.20			

Consumer Category	Current Charge 2011-12	Proposed Charge by Licensee for FY 2012-13	Proposed Charge by APERC for FY 2012-13 for Full Cost Recovery	
			Charge	Reason for Proposed Modification by APERC
(1)	(2)	(3)	(4)	(5)
More than 100 units		7.00	7.00	
LT-II(C) ADVERTISING HOARDINGS	8.50	8.50	9.00	Proposed increase to arrest luxury consumption, encourage energy saving measures and have better cost recovery.
LT-III: INDUSTRIAL				
LT-III(A): INDUSTIRAL NORMAL AND OTHERS				
Industrial Normal	4.13	5.00	5.00	
Industrial Optional	4.13	5.00	5.00	
Pisciculture/Prawn culture	1.25	1.25	2.12	Proposed increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
Sugarcane crushing	0.75	0.75	1.62	
Poultry farms with above 1000 birds	4.13	5.00	5.00	
Mushroom & Rabbit Farms	4.13	5.00	5.00	
Floriculture in Green House	4.13	5.00	5.00	
LT-III-B: INDUSTRIAL (SSI UNITS)				
SSI Units	4.13	5.00	5.00	
LT-III(C):SEASONAL INDUSTRIES				
Seasonal Industries	4.80	5.67	5.67	
LT-IV: COTTAGE INDUSRRIES, DHOBHI GHATS AND OTHERS				
Cottage Indstr. & Dhobhi Ghats	1.80	1.80	2.67	Proposed increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
Poultry farms with above 1000 birds	1.80	1.80	2.67	
Agro Based Activity	1.80	1.80	2.67	
LT-V: AGRICULTURAL				
LT-V(A): AGRICULTUAL WITH DSM MEASURES				
Corporate Farmers & IT Assesses	1.50	1.50	2.50	Proposed increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
Wet Land Farmers (Holdings >2.5 acre)	0.30	0.30	0.50	
Dry Land Farmers (Connections>3 nos.)	0.30	0.30	0.50	

Consumer Category	Current Charge 2011-12	Proposed Charge by Licensee for FY 2012-13	Proposed Charge by APERC for FY 2012-13 for Full Cost Recovery	
			Charge	Reason for Proposed Modification by APERC
(1)	(2)	(3)	(4)	(5)
Wet Land Farmers (Holdings<=2.5 acre)	0.00	0.00	0.00	
Dry Land Farmers (Connections<=3nos)	0.00	0.00	0.00	
LT-V(B): AGRICULTUAL WITHOUT DSM MEASURES				
Corporate Farmers & IT Assesses	2.50	2.50	3.50	Proposed increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
Wet Land Farmers (Holdings >2.5 acre)	0.75	0.75	1.00	
Dry Land Farmers (Connections>3 nos)	0.75	0.75	1.00	
Wet Land Farmers (Holdings<=2.5 acre)	0.30	0.30	0.50	
Dry Land Farmers (Connections<=3nos)	0.30	0.30	0.50	
LT-V(C): OTHERS				
Salt farming units with CL upto 15HP	1.00	1.00	2.12	Proposed increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
Rural Horticulture Nurseries	1.00	1.00	2.12	
LT-VI: LOCAL BODIES, STREET LIGHTING AND PWS				
LT-VI(A): STREET LIGHTING				
Minor Panchayats	1.87	1.87	2.37	Proposed increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
Major Panchayats	2.50	2.50	3.00	
Nagarpalikas & Municipalities (Gr 3)	3.29	3.75	3.79	Enhanced the increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
Municipalities (Gr 1&2)	3.59	4.00	4.09	
Municipalities Selection Special Group	3.88	4.50	4.50	

Consumer Category	Current Charge 2011-12	Proposed Charge by Licensee for FY 2012-13	Proposed Charge by APERC for FY 2012-13 for Full Cost Recovery	
			Charge	Reason for Proposed Modification by APERC
(1)	(2)	(3)	(4)	(5)
Corporations	4.17	5.00	5.00	
LT-VI(B): PWS Schemes				
LT-VI(B)(i): Minor/Major Panchyats				
Upto 2500 units/Yr	0.70	0.70	1.45	Proposed increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
Above 2500 units/Yr	1.00	1.00	1.95	
LT-VI(B)(ii): All Nagarpalikas & Municipalities				
Upto 1000 units	3.75	4.50	4.50	
More than 1000 units	4.05	5.00	5.00	
LT-VI(B)(iii): Municipal Corporations				
Upto 1000 units	4.05	5.00	5.00	
More than 1000 units	4.60	5.25	5.25	
LT-VII: GENERAL				
LT-VII(A): GENERAL PURPOSE	4.00	4.50	4.50	
LT-VII(B): RELIGIOUS PLACES				
up to 200 units	2.00	2.00	2.60	Proposed increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
>200 units	4.00	4.00	4.50	
LT-VIII: TEMPORARY SUPPLY				
LT-VIII(A): OTHER THAN AGRICULTURE	6.82	6.82	7.50	Proposed increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
LT-VIII(B): AGRICULTURE	2.30	2.30	3.00	
HT-I:INDUSTRIAL				
HT-I(A):GENERAL				
11 kV	3.52	4.80	4.80	
33 kV	3.25	4.37	4.37	
132 kV & Above	2.97	3.97	3.97	
ToD Tariff (6 pm to 10 pm)	1.00	1.00	1.00	

Consumer Category	Current Charge 2011-12	Proposed Charge by Licensee for FY 2012-13	Proposed Charge by APERC for FY 2012-13 for Full Cost Recovery	
			Charge	Reason for Proposed Modification by APERC
(1)	(2)	(3)	(4)	(5)
HT-I(B):FERRO ALLOY UNITS				
11 kV	2.65	4.80	4.48	Limited the proposed hike by Licensees for 132 kV and above at par with HT-(A) consumers and then evolved voltage wise tariff for 33 kV and 11 kV Supply to ensure that the tariff aligns with the Cost and limit cross subsidisation.
33 kV	2.65	4.37	4.05	
132 kV & Above	2.65	3.97	3.65	
ToD Tariff (6 pm to 10 pm)	0.00	1.00	0.00	As the tariff structure modifications proposed by Licensees are not accepted, the TOD tariff, which is part of tariff structure, is not accepted for FY 2012-13.
HT-I: LIGHTS AND FANS				
11 kV	*4.72*	*4.72*	*6.00*	*Proposed to hike rates on par with HT-I(A):Industry to ensure parity in tariff between main consumption and consumption by lights and fans.*
33 kV	*4.70*	*4.70*	*5.82*	
132 kV & Above	*4.67*	*4.67*	*5.67*	
HT-I: COLONY CONSUMPTION	*4.50*	*4.50*	*4.50*	
HT-I: SEASONAL INDUSTRIES				
11 kV	*4.80*	*4.80*	*5.97*	*Proposed to hike rates on par with HT-II: Others as seasonal industries in HT-(I)(A) consumer category at present pay tariff equivalent commercial tariff during off season with concession on demand charges.*
33 kV	*4.30*	*4.30*	*5.35*	
132 kV & Above	*4.10*	*4.10*	*5.10*	
HT-II: OTHERS				
11 kV	4.10	5.97	5.97	
33 kV	4.30	5.35	5.35	
132 kV & Above	4.80	5.10	5.10	
ToD Tariff (6 pm to 10 pm)	0.00	1.00	1.00	
HT-IV: IRRIGATION AND AGRICULTURE				

Consumer Category	Current Charge 2011-12	Proposed Charge by Licensee for FY 2012-13	Proposed Charge by APERC for FY 2012-13 for Full Cost Recovery	
			Charge	Reason for Proposed Modification by APERC
(1)	(2)	(3)	(4)	(5)
HT-IV(A): GOVERNMENT LIFT IRRIGATION SCHEMES	2.60	2.60	3.25	Proposed increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
HT-IV(B): AGRICULTURE	0.00	0.00	0.00	
HT-IV(C): CP WATER SUPPLY SCHEMES	1.00	1.00	2.00	Proposed increase in view of higher cost of service and for better cost recovery, tariff to progressively reflect cost and reduce cross subsidisation.
HT-V:RAILWAY TRACTION	4.45	5.75	5.43	Limited the tariff hike at 75% Rs.1.30/unit proposed hike by Licensees to ensure the tariff not to misalign with the cost and limit cross subsidisation.
HT-VI:TOWNSHIPS AND RESIDENTIAL COLONIES	4.50	4.50	4.50	
HT-VI:GREEN POWER	6.70	6.70	7.00	Proposed increase in view of increasing power purchase cost for Licensees from non-conventional energy sources/
HT-VIII:RURAL ELECTRIC CO-OPERATIVES				
Anakapally			1.20	The Commission determined the rate to be paid by RESCOs to Licensees for FY2012-13 based on their applications. The rates fixed accordingly have been adopted.
Chipurupally			0.67	
Sircilla			0.66	
Kuppam			0.32	
HT-IX:TEMPORARY*				
11 kV		4.84	4.84	* Charges are for computational purpose only. In practice, the charge will be 1.5 times of applicable category
33 kV		3.66	3.66	
132 kV & Above		3.35	3.35	

OTHER PROPOSALS

DEFAULTER FEES AND OTHER MISCELLANEOUS CHARGES

175. The Licensees proposed to replace the present system of levy of default fee, for the consumers who fail to pay their bills within due date, at the present level of 5 paise per day of delay per each one hundred rupees of defaulted amount, by a new system of levy of a flat fee for such defaults. The Licensees also proposed to raise the reconnection fee, Incidental charges (supervision, inspection and checking) and meter testing fee.

Objections/Suggestions

Sri Meesala Basava Punnaiah and others submitted that the proposals for the collection of late payment on different categories in different amounts is not correct and that only one amount towards late fee must be collected for all categories.

Water Development Society expressed that when energy charges are collected by Licensees, they should not be eligible to get any additional non-tariff income. Only meter testing fee and reconnection fee may be collected to the extent of service provided.

Licensees' Response:

The reconnection fee and meter testing charges are untouched for the past 10 years. Due to increase in man power costs, material costs, overhead charges, the DISCOMs proposed to increase the reconnection fee and meter testing charges.

Commission's View:

Delayed payment of outstanding bills by consumers causes serious financial problems to the licensees who have to make timely payments to the generators / traders from whom they source their purchases of power. Hence, the Commission considers that the proposal of the licensees for revising the clauses governing levy of default fees for delayed payments of bills is reasonable.

However, the lower consumption category consumers will get some relief as a result of the introduction of the new system.

The reconnection fee as proposed by Licensees with lower charges for domestic consumers, incidental charges and meter test fee as proposed by Licensees are reasonable in view of the fact that these charges have not been revised for a long time and the need for the fee and charges to reflect general increase in costs associated with the services.

176. In continuation of the examination of the issues as detailed in Chapter VI, the Commission has decided to modify the pattern of levy of default fee, reconnection charges, supervision charges and meter testing charges etc., for all tariff categories.

177. The charges proposed by the licensees and the same as now determined by the Commission are as detailed in Table 34.

Table 34: Miscellaneous Charges

Consumer Category	Proposed by Licensees	Approved by APERC
Default Fee(Rs./Defualt)		
LT – Domestic (BPL)	Rs 10/-	Rs 10/-
LT – Domestic (Other), LT IV,	Rs 25/-	Rs 25/-
LT – Commercial (SCE)	Rs 25/-	Rs 25/-
LT – Commercial (Other), LT –VI, LT-VII	1.5% of bill amount or Rs 75/- ,whichever is higher	1.5% of bill amount or Rs 75/-, whichever is higher
LT - Industrial	1.5% of bill amount or Rs 250/-, whichever is higher	1.5% of bill amount or Rs 250/-, whichever is higher
HT	1.5% of bill amount or Rs 550/-, whichever is higher	1.5% of bill amount or Rs 550/-, whichever is higher

Consumer Category	Proposed by Licensees	Approved by APERC
Reconnection Fee(Rs./Reconnection)		
LT – Domestic (BPL)	**50**	**25**
LT - Overhead	**100**	**75**
LT - Underground	**200**	**200**
HT -11 kV	**1,000**	**1,000**
HT – 33 kV	**2,000**	**2,000**
HT -132 kV	**3,000**	**3,000**
Inspection Fee(Rs./Inspection)		
LT – Domestic (BPL)	**100**	**100**
LT – Agriculture	**100**	**100**
LT – Other	**300**	**300**
HT	**600**	**600**
Meter Testing Fee(Rs./Test)		
AC Single Phase Meter	**100**	**100**
AC Three Phase Meter	**200**	**200**
11kV	**3000**	**3000**
33 kV & Above	**3000**	**3000**

FIXED CHARGES ON LT-II (B):NON-DOMESTIC/COMMERCIAL

178. In an effort to introduce two part tariff as general policy for better revenue recovery and also load monitoring by Licensees, the Commission has decided to levy fixed charges during FY 2012-13 at Rs.15/kW subject to a minimum of Rs.15 per month on LT-II(B):Non-Domestic/Commercial with contracted load above 500W.

CUSTOMER CHARGES FOR LT-III (A) INDUSTRIAL

179. The Commission has decided to introduce graded customer charges by contracted load for LT III(A) consumers in place of present uniform levy of customer charge at Rs.30 per month. The revised customer charges are as follows:

LT-III(A) Industrial Normal upto 20 HP :Rs.50.00/month
LT-III(A) Industrial Normal 21–50 HP :Rs.200.00/month
LT-III(A) Industrial Normal 51–100 HP :Rs.750.00/month

CHAPTER-IX

FULL COST RECOVERY TARIFF DETERMINATION

INTRODUCTION

180. In this chapter, the Commission, after examination of cost, revenue and cross subsidy for each category of consumers, is determining the Full Cost Recovery Tariff Schedule (FCRTS) for FY 2012-13 by determining the tariff rates/charges to recover the approved revenue requirement (Determined in Chapter-IV) in full, by making necessary enhancements to the rates/charge for certain consumer categories by modifying the rates/charges arrived at in the reference tariff schedule contained in chapter VIII. If this FCRTS is levied on different consumer categories for consumption during FY 2012-13, the Licensees will be able to recover the approved revenue requirement in full.

Objections/Suggestions regarding Quantum of Cross Subsidy in tariff

181. **AP Spinning Mills Association, Indian Railways, Shri Sivaramakrishna, Ferro Alloy Producers Association and others** expressed in form or the other, the following;

a) The ARR proposals of FY 2012-13 do not bear out the requirement of National Tariff policy mandate of gradual reduction of Cross Subsidies and in fact, the HT categories are contemplated to provide much higher levels of cross subsidy in the year 2012-13 (as proposed) than the year 2011-12.
b) The requirements of the trajectory and the roadmap by which the cross subsidies are required to be reduced to only 20% of that existing in 2005-2006 is being continuously observed in the breach.
c) They objected to the high hike in tariff and requested the Commission to direct the Licensees to re-work the tariff proposals in a transparent manner detailing the details of CoS, T&D losses and ensuring NTP policy compliance on cross subsidies.

Licensees' Response:

The average CoS has increased from Rs 3.69/unit in 2011-12 to Rs 4.41/unit. The National Tariff Policy states that the tariff should be within ± 20% of the average cost of supply. The average CoS is Rs 4.41/unit and all the tariffs proposed for HT-I and HT-VI are well within this range. Tariffs proposed are well within ± 20% of average cost of supply as per National Tariff Policy for maximum categories. Licensees would like to achieve the above for remaining categories in due course of time. It is ensured that the increase is lower for those categories whose tariff differs with CoS by a higher margin as compared to other categories.

Commission's View:

The consumers have pointed out that the tariff should be within ± 20% of cost of service. To address this concern, the tariff for consumers, who pay tariffs less than the cost of service, will need to be hiked significantly. If this is done in one go, it will result in tariff shock to such categories. Hence, the Commission is planning to raise such tariffs gradually over a period of time. This will avoid an abrupt tariff shock to such categories while at the same time progressively achieving the desired objective of bringing the tariffs within the standard norms of percentage difference as compared to the cost of service.

METHODOLOGY

182. In Chapter-II, the Commission has arrived at category wise sales for FY 2012-13. In Chapter – III, power purchase cost has been determined. In Chapter-IV, the revenue requirement has been worked out based on power purchase cost arrived in Chapter-III and other costs as per the Commission analysis. The unit cost of service for different consumer categories has been worked out in Chapter-IV taking into consideration sales quantity from Chapter-II. In Chapter-

V, the revenue gap at licensee proposed rates but with Commission approved sales of Chapter-II has been arrived at.

183. In Chapter VIII, the Commission has modified certain rates/charges proposed by the licensees and arrived at the reference tariff schedule. In Chapter VIII, the Commission has also examined certain additional tariff proposals made by Licensees and determined certain other charges the Commission deems fit from the view point of better cost recovery, better load monitoring, and better reflection of quantum of service extended by Licensees, etc.

184. In the present chapter, the Commission, after examination of cost, revenue and cross subsidy for each category of consumers, is making necessary enhancements to the rates/charge for certain consumer categories and determining the full cost recovery tariff schedule for FY 2012-13 by modifying the rates/charges contained in the reference tariff schedule of Chapter VIII.

185. The full cost recovery tariff rates/charges are being determined by the following steps;

- The revenue will be computed at the tariffs indicated in column 4 of Reference Tariff Schedule, Table 34 of Chapter VIII for each consumer category based on sales (approved at Chapter-II) for FY 2012-13. The non tariff income (as estimated in Chapter V for FY 2012-13) will be apportioned to different consumer categories.
- The category wise revenue will be compared with category wise cost of supply (based on unit cost of service computed at Chapter-IV and sales(approved at Chapter-II))
- Based on the cost and revenue from each consumer category, consumer categories will be classified as subsidising, if the revenue is more than the cost (surplus) and as subsidised, if the revenue is less than the cost (deficit).
- The sum of surplus of revenue over cost available from subsidizing categories will be first utilised to meet the deficit of subsidised consumer categories other than LT-I: Domestic and LT-V: Agriculture and HT-IV (B): Agriculture.
- The remaining surplus, if any, will be allocated to LT-I: Domestic and LT-V: Agriculture and HT-IV(B): Agriculture

categories in the ratio of a category's deficit to the total deficit of these categories.

- After allocation of the surplus available, the net deficit (cost for that category less revenue from the category and surplus allocated to that category) will be computed for LT-I: Domestic, LT-V: Agriculture and HT-IV(B): Agriculture consumer categories as there is no other source of revenue to meet the remaining cost.
- The energy rate/charge for LT-I: Domestic and LT-V: Agriculture and HT-IV(B): Agriculture categories will then be revised upwards by an amount equal to net deficit divided by approved sales. By doing so, the revenue from tariff and allocated surplus will be sufficient to meet the cost.

FULL COST RECOVERY TARIFF/RATES/CHARGES

186. The Commission, following the methodology enumerated above, has drawn up a full cost recovery tariff schedule (FCRTS) for each Licensee. If the Licensees levy the tariff as per FCRTS for FY 2012-13, they would recover the approved ARR in full. The details of FCRTS and the revenue at FCRTS are given in Table 35 & Table 36.

Table 35: Full Cost Recovery Tariff Schedule for FY 2012-13

Consumer Category	Fixed Charge/Month		Energy Charge			
	Demand	Fixed	Rs./ (kWh or kVah)			
	(kVA)	(HP or kW)	CPDCL	EPDCL	NPDCL	SPDCL
LT-I:DOMESTIC						
LT-I(A):CONTRACTED LOAD 500 WATT & BELOW						
0 - 50 units			2.26	1.59	4.04	2.45
51 - 100 units			3.41	2.74	5.19	3.60
101 - 200 units			4.41	3.74	6.19	4.60
201 - 300 units			6.56	5.89	8.34	6.75
301-500 units			7.56	6.89	9.34	7.75
More than 500 units			8.06	7.39	9.84	8.25
LT-I(B): CONTRACTED LOAD ABOVE 500 WATT						
0 - 100 units			3.41	2.74	5.19	3.60
101 - 200 units			4.41	3.74	6.19	4.60
201 - 300 units			6.56	5.89	8.34	6.75
301-500 units			7.56	6.89	9.34	7.75
More than 500 units			8.06	7.39	9.84	8.25
LT-II:NON						

Consumer Category	Fixed Charge/Month		Energy Charge			
	Demand	Fixed	Rs./ (kWh or kVah)			
	(kVA)	(HP or kW)	CPDCL	EPDCL	NPDCL	SPDCL
DOMESTIC/COMMERCIAL						
LT-II(A):CONTRACTED LOAD 500 WATT & BELOW						
0-50 units			3.85	3.85	3.85	3.85
51 - 100 units			6.00	6.00	6.00	6.00
>100 units			7.00	7.00	7.00	7.00
LT-II(B):CONTRACTED LOAD ABOVE 500 WATT						
0-100 units		15	6.00	6.00	6.00	6.00
>100 units		15	7.00	7.00	7.00	7.00
LT-II(C) ADVERTISING HOARDINGS			9.00	9.00	9.00	9.00
LT-III:INDUSTRIAL						
LT-III(A): INDUSTIRAL NORMAL AND OTHERS						
Industrial Normal		50	5.00	5.00	5.00	5.00
Industrial Optional	150		5.00	5.00	5.00	5.00
Pisciculture/Prawn culture		50	2.12	2.12	2.12	2.12
Sugarcane crushing		50	1.62	1.62	1.62	1.62
Poultry farms with above 1000 birds		50	5.00	5.00	5.00	5.00
Mushroom & Rabbit Farms		50	5.00	5.00	5.00	5.00
Floriculture in Green House		50	5.00	5.00	5.00	5.00
LT-III-B: INDUSTRIAL(SSI UNITS)						
SSI Units	150		5.00	5.00	5.00	5.00
LT-III(C):SEASONAL INDUSTRIES						
Seasonal Industries	150		5.67	5.67	5.67	5.67
LT-IV:COTTAGE INDUSTRIES, DHOBHI GHATS,etc.						
Cottage Indstr. & Dhobhi Ghats		10	2.67	2.67	2.67	2.67
Poultry farms upto 1000 birds		10	2.67	2.67	2.67	2.67
Agro Based Activity		10	2.67	2.67	2.67	2.67
LT-V:AGRICULTURAL						
LT-V(A):AGRICULTUAL WITH DSM MEASURES						
Corporate Farmers & IT Assesses			3.92	2.76	6.49	4.39
Wet Land Farmers			1.92	0.76	4.49	2.39

Consumer Category	Fixed Charge/Month		Energy Charge			
	Demand	Fixed	Rs./ (kWh or kVah)			
	(kVA)	(HP or kW)	CPDCL	EPDCL	NPDCL	SPDCL
(Holdings>2.5 acre)						
Dry Land Farmers (Connections> 3 nos.)			1.92	0.76	4.49	2.39
Wet Land Farmers (Holdings<=2.5 acre)			1.42	0.26	3.99	1.89
Dry Land Farmers(Connections<=3nos.)			1.42	0.26	3.99	1.89
LT-V(B):AGRICULTUAL WITHOUT DSM MEASURES						
Corporate Farmers & IT Assesses			4.92	3.76	7.49	5.39
Wet Land Farmers (Holdings >2.5 acre)			2.42	1.26	4.99	2.89
Dry Land Farmers(Connections > 3 nos.)			2.42	1.26	4.99	2.89
Wet Land Farmers (Holdings<=2.5 acre)			1.92	0.76	4.49	2.39
Dry Land Farmers(Connections<=3nos.)			1.92	0.76	4.49	2.39
LT-V(C):OTHERS						
Salt farming units with CL upto 15HP			2.12	2.12	2.12	2.12
Rural Horticulture Nurseries			2.12	2.12	2.12	2.12
LT-VI:LOCAL BODIES, STREET LIGHTING AND PWS						
LT-VI(A):STREET LIGHTING						
Minor Panchayats			2.37	2.37	2.37	2.37
Major Panchayats			3.00	3.00	3.00	3.00
Nagarpalikas & Municipalities (Gr 3)			3.79	3.79	3.79	3.79
Municipalities (Gr 1&2)			4.09	4.09	4.09	4.09
Municipalities Selection Special Group			4.50	4.50	4.50	4.50
Corporations			5.00	5.00	5.00	5.00
LT-VI(B):PWS SCHEMES						
LT-VI(B)(i):Minor/Major Panchyats						
Upto 2500 units/Yr		10	1.45	1.45	1.45	1.45
Above 2500 units/Yr		10	1.95	1.95	1.95	1.95
LT-VI(B)(ii):All Nagarpalikas & Municipalities						
Upto 1000 units		20	4.50	4.50	4.50	4.50
More than 1000 units		20	5.00	5.00	5.00	5.00

Consumer Category	Fixed Charge/Month		Energy Charge			
	Demand	Fixed	Rs./ (kWh or kVah)			
	(kVA)	(HP or kW)	CPDCL	EPDCL	NPDCL	SPDCL
LT-VI(B)(iii):Municipal Corporations						
Upto 1000 units		30	5.00	5.00	5.00	5.00
More than 1000 units		30	5.25	5.25	5.25	5.25
LT-VII:GENERAL						
LT-VII(A):GENERAL PURPOSE	20		4.50	4.50	4.50	4.50
LT-VII(B):RELIGIOUS PLACES						
up to 200	10		2.60	2.60	2.60	2.60
>200	10		4.50	4.50	4.50	4.50
LT-VIII: TEMPORARY SUPPLY						
LT-VIII(A): AGRICULTURE			3.00	3.00	3.00	3.00
LT-VIII(B): OTHER THAN AGRICULTURE			7.50	7.50	7.50	7.50
HT-I:INDUSTRIAL						
HT-I(A):GENERAL						
11 kV	250		4.80	4.80	4.80	4.80
33 kV	250		4.37	4.37	4.37	4.37
132 kV & Above	250		3.97	3.97	3.97	3.97
HT-I(B):FERRO ALLOY UNITS						
11 kV			4.48	4.48	4.48	4.48
33 kV			4.05	4.05	4.05	4.05
132 kV & Above			3.65	3.65	3.65	3.65
HT-I(C):LIGHTS AND FANS						
11 kV			6.00	6.00	6.00	6.00
33 kV			5.82	5.82	5.82	5.82
132 kV & Above			5.67	5.67	5.67	5.67
HT-I(D):COLONY CONSUMPTION						
11 kV			4.50	4.50	4.50	4.50
33 kV			4.50	4.50	4.50	4.50
132 kV & Above			4.50	4.50	4.50	4.50
HT-I(E):SEASONAL INDUSTRIES (OFF SEASON TARIFF)						
11 kV	250		5.97	5.97	5.97	5.97
33 kV	250		5.35	5.35	5.35	5.35
132 kV & Above	250		5.10	5.10	5.10	5.10
HT-II:OTHERS						
11 kV	250		5.97	5.97	5.97	5.97
33 kV	250		5.35	5.35	5.35	5.35

Consumer Category	Fixed Charge/Month		Energy Charge			
	Demand	Fixed	Rs./ (kWh or kVah)			
	(kVA)	(HP or kW)	CPDCL	EPDCL	NPDCL	SPDCL
132 kV & Above	250		5.10	5.10	5.10	5.10
HT-III:AVIATION ACTIVITY AT AIRPORTS						
11 kV	250		5.39	5.39	5.39	5.39
33 kV	250		4.86	4.86	4.86	4.86
132 kV & Above	250		4.54	4.54	4.54	4.54
HT-IV:IRRIGATION AND AGRICULTURE						
HT-IV(A):GOVERNMENT LIFT IRRIGATION SCHEMES						
11 kV			3.25	3.25	3.25	3.25
33 kV			3.25	3.25	3.25	3.25
132 kV & Above			3.25	3.25	3.25	3.25
HT-IV(B):AGRICULTURE						
11 kV			1.25	0.18	4.20	NA
33 kV			1.25	0.18	4.20	NA
132 kV & Above			1.25	0.18	4.20	NA
HT-IV(C):CPW SUPPLY SCHEMES						
11 kV			2.00	2.00	2.00	2.00
33 kV			2.00	2.00	2.00	2.00
132 kV & Above			2.00	2.00	2.00	2.00
HT-V:RAILWAY TRACTION			5.43	5.43	5.43	5.43
HT-VI:TOWNSHIPS AND RESIDENTIAL COLONIES						
11 kV	250		4.50	4.50	4.50	4.50
33 kV	250		4.50	4.50	4.50	4.50
132 kV & Above	250		4.50	4.50	4.50	4.50
HT-VII:GREEN POWER						
11 kV			7.00	7.00	7.00	7.00
33 kV			7.00	7.00	7.00	7.00
132 kV & Above			7.00	7.00	7.00	7.00
HT-VIII:RURAL ELECTRIC CO-OPERATIVES						
Anakapally				1.20		
Chipurupally				0.67		
Sircilla					0.66	
Kuppam						0.32
HT-IX:TEMPORARY*						
11 kV			4.84	4.84	4.84	4.84
33 kV			3.66	3.66	3.66	3.66
132 kV & Above			3.35	3.35	3.35	3.35

Consumer Category	Fixed Charge/Month		Energy Charge			
	Demand	Fixed	Rs./ (kWh or kVah)			
	(kVA)	(HP or kW)	CPDCL	EPDCL	NPDCL	SPDCL
Note: Additional ToD tariff of Rs.1.00/kVAh will be applicable during 6 PM to 10 PM for HT-I(A) Industrial, HT-II Others, HT-III Aviation activity at airports						
* Charges are for computational purpose only. In practice, the charge will be 1.5 times of applicable category						

Table 36: Revenue and Revenue Gap at Full Cost Tariff for FY 2012-13

Consumer Category	Revenue(Rs,Cr)				
	CPDCL	EPDCL	NPDCL	SPDCL	TOTAL
LT-I: Domestic	3111.99	1271.33	1451.09	2141.15	7975.56
LT-II: Non Domestic/Commercial	1557.22	602.91	371.37	859.90	3391.40
LT-III: Industrial	776.85	374.43	207.08	594.96	1953.31
LT-IV: Cottage Industries	5.55	0.73	2.46	8.38	17.12
LT-V: Agricultural	1204.71	54.63	1615.72	861.89	3736.96
LT-VI: Local Bodies	293.93	95.33	108.79	125.25	623.30
LT-VII: General	50.45	20.83	16.06	26.37	113.71
LT-VIII: Temporary	1.12	0.70	0.02	1.38	3.22
HT-I: Industrial	6414.98	2523.71	653.41	3003.56	12595.66
HT-II: Others	1334.72	416.48	76.88	417.17	2245.25
HT-IV: Irrigation and Agriculture	135.47	65.96	131.46	20.02	352.91
HT-V: Railway Traction	90.18	345.42	250.52	359.61	1045.73
HT-VI: Townships and Colonies	63.35	20.45	70.76	35.80	190.36
HT-VII: Green Power	0.00	0.00	0.00	0.00	0.00
HT-VIII: Rural Elec. Cooperatives	0.00	27.10	47.54	9.60	84.23
HT-IX: Temporary	3.26	11.92	0.00	0.00	15.18
Total Revenue	15043.78	5831.93	5003.15	8465.02	34343.89
ARR/Cost(Rs,Cr)	15043.78	5831.93	5003.15	8465.02	34343.89
Revenue Gap(Rs,Cr.)	0.00	0.00	0.00	0.00	0.00

CONCLUSIONS

In the absence of any external subsidisation u/s 65 of the Electricity Act 2003, the Licensees will have to charge the rates contained in the above full cost recovery schedule (FCRTS) to generate the revenue required to meet the approved cost.

CHAPTER-X

STATEMENT OF GOVERNMENT OF ANDHRA PRADESH

STATEMENT

"Honourable Chairman and Members of APERC,

187. *I am thankful to the Hon'ble Commission for giving this opportunity to present the views of the Government of Andhra Pradesh in the context of Annual Revenue Requirement (ARR) and Tariff determination for the financial year 2012-13.*

188. *All the Electricity utilities have performed exceptionally well. The transmission and distribution utilities have reduced T&D losses from 16.79% in 2010-11 to 15.93% 2011-12 (upto December 2011). The per capita consumption at the end of 2010-11 is 952 units.*

189. *During 2010-11, 11,26,936 consumers were added bringing the total no. of consumers in the State to 2,29,54,335 as on 31-03-2011. During the current year up to the end of January, 2012, a total no. of 8,91,590 consumers were added to the network bringing the no. of consumers served by the four DISCOMs to 2,38,45,925 Nos.*

190. *During 2010-11, 1,39,731 No. of agricultural connections were released and this year already 94,616 nos. agricultural connections were released to the end of January, 2012. The total agriculture connections is around 29.90 lakh. All the four Discoms are implementing HVDS to agriculture consumers to give better quality power by reducing the length of conventional LT Lines. Already HVDS is implemented in 7,10,331 nos. agricultural services investing Rs.2287 crores. A project for a loan assistance of Rs.988 crores under Overseas Development Authority (ODA) package for implementation of HVDS in 16 districts for 2.43 lakh pumpsets has been sanctioned by Japan International Co-operation Agency (JICA).*

191. *Government has issued orders to substation wise Advisory committees with Hon'ble MLA as chairman to ensure better supply and also to sort out local distribution problems.*

192. *Discoms have been directed to ensure that failed DTRs are replaced within 48 hours by maintaining adequate stock of the Rolling Stock of*

transformers to ensure that supply to agriculture sector is not hampered.

193. *The DISCOMs have already completed pilot projects in all Districts at a cost of Rs.81 crores to segregate mixed rural feeders in to dedicated agriculture feeders and rural feeders in one mandal in each district. This will facilitate rural feeders to provide continuous three phase power supply to rural areas which will in turn promote rural industrialization and increase in non-farm income sources in rural area. The total estimated amount for segregation of mixed feeders into exclusively agriculture and rural sector is about Rs.3014 crores for entire State.*

194. *Restructured APDRP is another flagship programme of Government of India being implemented by APDISCOMS. The programme aims at actual demonstrable performance in terms of sustained loss reduction. An amount of Rs.388 crores has been sanctioned for establishment of base line data and IT applications for energy accounting/ auditing and IT based consumer service centers. An amount of Rs.1057 crores has been sanctioned for strengthening of distribution such as renovation, modernization and strengthening of DTRs, reconductoring, load bifurcation etc.*

195. *Government of Andhra Pradesh have given foremost importance to the development of Power Sector. In its endeavour to provide quality and uninterrupted supply of power to all consumers in the State, 33 lakh rural households have been electrified under RGGVY. It includes electrification of 25.25 lakh BPL families. Government continues to provide electricity to BPL families by keeping the rate in the lowest slab at the barest minimum. BPL families 2.25 lakh urban householders have been electrified under INDIRAMMA Programme up to 31-01-2012.*

196. *The Government is committed to the welfare of the farmers and is providing free power to all eligible agricultural consumers since 14.05.2004 and has been providing necessary subsidy besides amount for purchasing additional power to meet the additional demand. An amount of Rs.4210 crores has been earmarked towards subsidy during*

the financial year 2011-12. Commitment of Government to provide free power to the agriculture sector is reflected by increase in subsidy for the year 2012-13. The subsidy has been increased to Rs.5500 crores for agriculture and allied for the year 2012-13.

197. *The Government is committed to the cause of industrial development in the State and it is a matter of pride that the State of Andhra Pradesh has one of the lowest Industrial HT Tariff in the country.*

198. *Case-I bidding process has been initiated by APDISCOM for procurement of 2000 MW of power as per Government of India guidelines with the approval of the Commission. AP DISCOMS have initiated medium term bidding for purchase of 2000 MW power from June 2012 to June 2016.*

199. *The State utilities have planned to invest an amount of Rs.3134 crores in the FY 2012-13 to strengthen the Transmission and Distribution systems to meet the additional load growth and to improve voltage profiles.*

200. *In order to meet the ever increasing demand of power, Government has been following two pronged strategy. On one side, APGENCO is being facilitated to increase their production capacity and on other side, DISCOMs are planning to procure addition power through competitive bidding.*

201. *The fillings made by the utilities for the financial year 2012-13, reflect the key objectives set by the Government of Andhra Pradesh.*

202. *To conclude, the Government is committed to provide necessary financial assistance as needed by the Power Sector and providing subsidy to the utilities in accordance with the provisions of Section 65 of the Electricity Act, 2003 "to ensure quality power supply to all consumers with special emphasis on BPL families and farm sector."*

DINESH KUMAR
PRINCIPAL SECRETARY TO GOVERNMENT

CHAPTER-XI

INDICATIVE TARIFF SCHEDULE FOR FY 2012-13

INTRODUCTION

203. In Chapter–IX, the Commission has worked out the full cost recovery tariff schedule rates (FCRTS) for FY 2012-13, which the Licensees will have to charge in the absence of any external subsidisation u/s 65 of the Electricity Act 2003, in order to generate the revenue required to meet the approved cost.

204. The Commission with due consideration to the statement made by GoAP (Chapter-X) indicating its commitment to provide subsidy u/s 65 of the Electricity Act 2003 together with its assertion that the filings made by the utilities for the financial year 2012-13 reflect the key objectives set by the Government of Andhra Pradesh, has hereinunder drawn up an "Indicative Tariff Schedule" (ITS) applicable to all four Licensees for FY 2012-13.

INDICATIVE TARIFF SCHEDULE

205. In this ITS, the Commission has included the rates as per the Full Cost Recovery Tariff Schedule for all consumer categories except for LT-1:Domestic, LT-V: HT-IV(B):Agriculture. For LT-1:Domestic, LT-V: HT-IV(B):Agriculture, the rates/charges filed by Licensees to the extent modified by the Commission as explained in Chapter-VIII have been included. The ITS drawn up is given in Table 37.

Table 37: Indicative tariff schedule for FY 2012-13

Consumer Category	Fixed Charge Rs. per Month		Energy Charge
	kVA	HP	(Rs./Unit)
LT-I:DOMESTIC			
LT-I(A): CONTRACTED LOAD 500 WATT & BELOW			
0 - 50 units			1.45
51 - 100 units			2.60
101 - 200 units			3.60

Consumer Category	Fixed Charge Rs. per Month		Energy Charge
	kVA	HP	(Rs./Unit)
201 - 300 units			5.75
301-500 units			6.75
More than 500 units			7.25
LT-I(B): CONTRACTED LOAD ABOVE 500 WATT			
0 - 100 units			2.60
101 - 200 units			3.60
201 - 300 units			5.75
301-500 units			6.75
More than 500 units			7.25
LT-II:NON DOMESTIC/COMMERCIAL			
LT-II(A):CONTRACTED LOAD 500 WATT & BELOW			
0-50 units			3.85
51 - 100 units			6.00
>100 units			7.00
LT-II(B):CONTRACTED LOAD ABOVE 500 WATT			
0-100 units		15	6.00
>100 units		15	7.00
LT-II(C) ADVERTISING HOARDINGS			9.00
LT-III:INDUSTRIAL			
LT-III(A): INDUSTIRAL NORMAL AND OTHERS			
Industrial Normal		50	5.00
Industrial Optional	150		5.00
Pisciculture/Prawn culture		50	2.12
Sugarcane crushing		50	1.62
Poultry farms with above 1000		50	5.00
Mushroom & Rabbit Farms		50	5.00
Floriculture in Green House		50	5.00
LT-III-B: INDUSTRIAL(SSI UNITS)			
SSI Units	150		5.00
LT-III(C):SEASONAL INDUSTRIES			
Seasonal Industries	150		5.67
LT-IV:COTTAGE INDUSTRIES, DHOBHI GHATS AND OTHERS			
Cottage Indstr. & Dhobhi Ghats		10	2.67
Poultry farms upto 1000 birds		10	2.67
Agro Based Activity		10	2.67
LT-V:AGRICULTURAL			
LT-V(A):AGRICULTUAL WITH DSM MEASURES			
Corporate Farmers & IT Assesses			2.50

Consumer Category	Fixed Charge Rs. per Month		Energy Charge
	kVA	HP	(Rs./Unit)
Wet Land Farmers (Holdings >2.5			0.50
Dry Land Farmers(Connections>3			0.50
Wet Land Farmers(Holdings<=2.5			0.00
Dry Land Farmers(Connections<=			0.00
LT-V(B):AGRICULTUAL WITHOUT DSM MEASURES			
Corporate Farmers & IT Assesses			3.50
Wet Land Farmers (Holdings >2.5			1.00
Dry Land Farmers(Connections>3			1.00
Wet Land Farmers(Holdings <= 2.5			0.50
Dry Land Farmers(Connections <=			0.50
LT-V(C):OTHERS			
Salt farming units with CL upto			2.12
Rural Horticulture Nurseries			2.12
LT-VI:LOCAL BODIES, STREET LIGHTING AND PWS			
LT-VI(A):STREET LIGHTING			
Minor Panchayats			2.37
Major Panchayats			3.00
Nagarpalikas & Municipalities (Gr			3.79
Municipalities (Gr 1&2)			4.09
Municipalities Selection Special			4.50
Corporations			5.00
LT-VI(B):PWS SCHEMES			
LT-VI(B)(i):Minor/Major Panchyats			
Upto 2500 units/Yr		10	1.45
Above 2500 units/Yr		10	1.95
LT-VI(B)(ii):All Nagarpalikas & Municipalities			
Upto 1000 units		20	4.50
More than 1000 units		20	5.00
LT-VI(B)(iii):Municipal Corporations			
Upto 1000 units		30	5.00
More than 1000 units		30	5.25
LT-VII:GENERAL			
LT-VII(A):GENERAL PURPOSE	20		4.50
LT-VII(B):RELIGIOUS PLACES			
up to 200 UNITS	10		2.60
>200 UNITS	10		4.50
LT-VIII: TEMPORARY SUPPLY			
LT-VIII(A): AGRICULTURE			3.00
LT-VIII(B): OTHER THAN AGRICULTURE			7.50
HT-I:INDUSTRIAL			

Consumer Category	Fixed Charge Rs. per Month		Energy Charge
	kVA	HP	(Rs./Unit)
HT-I(A):GENERAL			
11 kV	250		4.80
33 kV	250		4.37
132 kV & Above	250		3.97
HT-I(B):FERRO ALLOY UNITS			
11 kV			4.48
33 kV			4.05
132 kV & Above			3.65
HT-I(C):LIGHTS AND FANS			
11 kV			6.00
33 kV			5.82
132 kV & Above			5.67
HT-I(D):COLONY (Industrial) CONSUMPTION			
11 kV			4.50
33 kV			4.50
132 kV & Above			4.50
HT-I(E):SEASONAL INDUSTRIES (OFF SEASON TARIFF)			
11 kV	250		5.97
33 kV	250		5.35
132 kV & Above	250		5.10
HT-II:OTHERS			
11 kV	250		5.97
33 kV	250		5.35
132 kV & Above	250		5.10
HT-III:AVIATION ACTIVITY AT AIRPORTS			
11 kV	250		5.39
33 kV	250		4.86
132 kV & Above	250		4.54
HT-IV:IRRIGATION AND AGRICULTURE			
HT-IV(A):GOVERNMENT LIFT IRRIGATION SCHEMES			
11 kV			3.25
33 kV			3.25
132 kV & Above			3.25
HT-IV(B):AGRICULTURE			
11 kV			0.00
33 kV			0.00
132 kV & Above			0.00
HT-IV(C):COMPOSITE PROTECTED WATER SUPPLY SCHEMES			
11 kV			2.00

Consumer Category	Fixed Charge Rs. per Month		Energy Charge
	kVA	HP	(Rs./Unit)
33 kV			2.00
132 kV & Above			2.00
HT-V:RAILWAY TRACTION			5.43
HT-VI:TOWNSHIPS AND RESIDENTIAL COLONIES			
11 kV	250		4.50
33 kV	250		4.50
132 kV & Above	250		4.50
HT-VII:GREEN POWER			
11 kV			7.00
33 kV			7.00
132 kV & Above			7.00
HT-VIII:RURAL ELECTRIC CO-OPERATIVES			
Anakapally			1.20
Chipurupally			0.67
Sircilla			0.66
Kuppam			0.32
HT-IX:TEMPORARY			
11 kV	1.5 Times of the Tariff of Corresponding HT Consumer Category		
33 kV			
132 kV & Above			
Note: Additional ToD tariff of Rs.1.00/kVAh will be applicable during 6 PM to 10 PM for HT-I(A) Industrial, HT-II Others , HT-III Aviation activity at airports			

REVENUE GAP AT INDICATIVE TARIFF

206. Since the rates/charges incorporated in ITS are less than the rates in "full cost recovery tariff schedule" for LT I (Domestic) filed by Licensees (to the extent modified by the Commission), LT V (Agricultural) and HT IV (Irrigation and Agriculture), the implementation of ITS for FY 2012-13, will result in revenue gap of Rs.5359 Cr., to the licensees. The details of revenue at ITS and Revenue Gap at ITS are given in Table 38 and Table 39.

Table 38: Total Revenue at Indicative Tariff for FY 2012-13(Rs.Cr.)

Consumer Category	Revenue(Rs.Cr)				
	CPDCL	EPDCL	NPDCL	SPDCL	TOTAL
LT-I: Domestic	2552.87	1220.76	814.65	1650.59	6238.88
LT-II: Non Domestic /Commercial	1557.22	602.91	371.37	859.90	3391.40
LT-III: Industrial	776.85	374.43	207.08	594.96	1953.31
LT-IV: Cottage Industries	5.55	0.73	2.46	8.38	17.12
LT-V: Agricultural	55.93	9.77	36.82	14.00	116.53
LT-VI: Local Bodies	293.93	95.33	108.79	125.25	623.30
LT-VII: General	50.45	20.83	16.06	26.37	113.71
LT-VIII: Temporary	1.12	0.70	0.02	1.38	3.22
HT-I: Industrial	6414.98	2523.71	653.41	3003.56	12595.66
HT-II: Others	1334.72	416.48	76.88	417.17	2245.25
HT-IV: Irrigation and Agriculture	134.88	65.94	130.52	20.02	351.35
HT-V: Railway Traction	90.18	345.42	250.52	359.61	1045.73
HT-VI: Townships and Colonies	63.35	20.45	70.76	35.80	190.36
HT-VII: Green Power	0.00	0.00	0.00	0.00	0.00
HT-VIII: Rural Elec. Cooperatives	0.00	27.10	47.54	9.60	84.23
HT-IX: Temporary	3.26	11.92	0.00	0.00	15.18
Total Revenue	13335.30	5736.49	2786.87	7126.58	28985.23

Table 39: Revenue Requirement, Revenue at Indicative Tariff and Revenue Gap for FY 2012-13(Rs.Cr.)

Item	CPDCL	EPDCL	NPDCL	SPDCL	DISCOMs
Revenue Requirement	15043.78	5831.93	5003.15	8465.02	34343.89
Revenue	13335.30	5736.49	2786.87	7126.58	28985.23
Revenue Gap	1708.49	95.44	2216.29	1338.45	5358.67

SUBSIDY REQUIREMENT FOR ITS

207. If the ITS is to be authorised by the Commission, the Licensees would have to be compensated by the Government of Andhra Pradesh under section 65 of the Act to the extent of Rs.5359 Cr. for FY 2012-13 as detailed in Table 40.

Table 40: Subsidy Required to Maintain Indicative Tariff Schedule for FY 2012-13.

Consumer Category	Amount, Rs. Cr.				
	CPDCL	EPDCL	NPDCL	SPDCL	TOTAL
LT-I: Domestic	559.11	50.57	636.44	490.56	1736.68
LT-V: Agricultural	1148.78	44.86	1578.90	847.89	3620.43
HT-IV: Irrigation and Agriculture	0.59	0.02	0.94	0.00	1.56
Total	1708.49	95.44	2216.29	1338.45	5358.67

208. The above subsidy amounts have been quantified by the Commission commensurate to the extent of energy sales volumes approved in the order and not to cover the additional power purchases made by them in excess of sales volumes approved in this order at the instance or with the approval of GoAP, or otherwise.

209. The retail supply tariff determination details along with FCRTS and ITS were informed to the GoAP vide APERC lr.No.Secy/S-361/ARR-2012-13/31/2012, dated 22-03-2012. The GoAP was informed that if the ITS is to be authorised by the Commission, the Licensees would have to be compensated by the Government of Andhra Pradesh under section 65 of the Act to the extent of Rs.5359 Cr. for FY 2012-13.

CHAPTER-XII

RETAIL SUPPLY TARIFF SCHEDULE FOR FY 2012-13

(RETAIL SUPPLY TARIFF RATES AND TERMS AND CONDITIONS)

210. In response to the letter of the Commission, the Government of Andhra Pradesh, vide reference GoAP Lr. No.683/PR.II(i)/2012-1, dated 29-03-2012, have communicated their consent for provision of subsidy under section 65 of the Electricity Act 2003 to enable determination of the Retail Tariffs for FY 2012-13 by the Commission as per the rates given in the indicative Tariff Schedule indicated in Chapter XI and also directed, under section 108 of the Act, to maintain Retail Supply tariff in a uniform manner across the State.

211. The details of the subsidy amount, flowing from the commitment letter of the Government for different consumer categories in four Licensee's supply areas, works out as given in Table 41.

Table 41: Subsidy Commitment of GoAP to Maintain Indicative Tariff Schedule for FY 2012-13

Consumer Category	Amount, Rs. Cr.				
	CPDCL	EPDCL	NPDCL	SPDCL	TOTAL
LT-I: Domestic	559.11	50.57	636.44	490.56	1736.68
LT-V: Agricultural	1148.78	44.86	1578.90	847.89	3620.43
HT-IV: Irrigation and Agriculture	0.59	0.02	0.94	0.00	1.56
Total	**1708.49**	**95.44**	**2216.29**	**1338.45**	**5358.67**

212. The Commission, in accordance with the decisions enumerated in earlier Chapters, and in accordance with the consent conveyed vide above mentioned GoAP Lr. No.683/PR.II(i)/2012-1, dated 29-03-2012 for provision of subsidy, hereby determines the Retail Supply Tariff rates and terms and conditions applicable with effect from 01-04-2012 to 31-03-2013 in respect of the four distribution licensees in the State of A.P. and the four rural electricity cooperatives in the State, as hereunder:

213. Retail Supply Tariff Schedule for FY 2012-13.

(RETAIL SUPPLY TARIFF RATES AND TERMS AND CONDITIONS)

The L.T. Tariffs determined in PART 'A' and H.T tariffs determined in PART 'B' below are subject to the following two general conditions.

- **FSA will be extra as applicable as notified by the Commission from time to time.**
- **The Tariffs are exclusive of Electricity duty payable as per the provisions of AP Electricity Duty Act.**

PART 'A'

213.1 L.T.TARIFFS

System of Supply	Low Tension A.C. 50 Cycles Three Phase Supply at 415 Volts Single Phase supply at 240 Volts

These tariffs are applicable for supply of Electricity to L.T consumers with a contracted load of 56 KW/75 HP and below. (However, contracted load upto 100 HP and contracted load upto 150 HP will be treated as LT for LT-III (A) and LT III (B) Industrial category respectively).

213.1.1 L.T. CATEGORY-I (A) & I (B) –DOMESTIC

Applicability

Applicable for supply of energy for lights and fans and other domestic purposes in domestic premises. ***Domestic establishment /Premises is one which is used for dwelling/residential purpose***.

Note: For domestic category, the households having a separate kitchen will be treated as a separate establishment.

213.1.1.1 L.T. CATEGORY-I(A)-DOMESTIC with contracted load of 500 watts and below

Applicability

This sub category (LT I (A)) shall be applicable to the consumers having contracted load of 500 watts and below.

Rates

Consumers shall be billed electricity charges as shown below:

Consumption(kWh per month)	Demand Charges Rs/kWh/ month	Energy Charges Paise/kWh
0 – 50	Nil	145
51 – 100	Nil	260
101 – 200	Nil	360
201 – 300	Nil	575
301-500	Nil	675
More than 500	Nil	725

Subject to monthly minimum charges of:

Single Phase:

Upto 500 W **Rs.25/ Month**

213.1.1.2 L.T. CATEGORY-I(B)-DOMESTIC with contracted load of above 500 watts

Applicability

This sub category (LT I (B)) shall be applicable to the consumers having contracted load of above 500 watts.

Rates

Consumers shall be billed electricity charges as shown below:

Consumption(kWh per month)	Demand Charges Rs/kWh/ month	Energy Charges Paise/kWh
0 - 100	Nil	260
101 – 200	Nil	360
201 – 300	Nil	575
301-500	Nil	675
More than 500	Nil	725

Subject to monthly minimum charges of:

Single Phase:

Above 500 W **Rs.50/ Month**

Three Phase **Rs.150/ Month**

213.1.2 L.T. CATEGORY-II- NON-DOMESTIC / COMMERCIAL

Applicable for supply of energy to:

a) Consumers who undertake Non Domestic activity.
b) Consumers who undertake Commercial activity.
c) Consumers who do not fall in any other LT category i.e., LT – I, LT – III to LT –VIII categories.
d) Consumers who avail supply of energy for lighting, fans, heating and power appliances in Commercial or Non-Domestic premises such as shops, business houses, offices, public buildings, hospitals, hostels, hotels, choultries, restaurants, clubs, theatres, cinema halls, bus stations, railway stations, Timber Depots, Photo Studios, Printing Presses etc.
e) Educational Institutions run by individuals, Non-Government Organisations or Private Trusts and their student hostels are also classified under this category.

213.1.2.1 L.T. CATEGORY-II(A)- NON-DOMESTIC / COMMERCIAL with contracted load of 500 watts and below

Applicability

This sub category (LT II (A)) shall be applicable based on contracted load of 500 watts and below.

Consumers shall be billed electricity charges as shown below:

Consumption /kWh per month	Demand Charges Rs./kWh/ month	Energy Charges Paise/ kWh
0-50	Nil	385
51 - 100	Nil	600
>100	Nil	700

Monthly Minimum Charges Rs. 65 per month for **Single Phase**

Note:

The development charges in LT-II(A) Non Domestic/Commercial category shall be calculated on pro-rata basis subject to a minimum load of 250 Watts.

213.1.2.2 L.T.CATEGORY-II(B)- NON-DOMESTIC / COMMERCIAL with contracted load of above 500 watts

Applicability

This sub category (LT II (B)) shall be applicable based on contracted load of above 500 watts.

Consumers shall be billed electricity charges as shown below:

Consumption(kVAh/kWh per month)	Fixed Charges Rs/(HP/kVA/kW)/ month	Energy Charges Paise/(kVAh/kWh)
0-100 units	15	600
>100 units	15	700

Monthly Minimum Charges **Rs. 65** per month for **Single Phase**
Rs. 200 per month for **Three Phase**

213.1.2.3 L.T. CATEGORY-II(C)- Advertising Hoardings

Applicability

Electricity supply availed through separate (independent) connections for the purpose of advertisements, hoardings and other conspicuous consumption such as external flood light, displays, neon signs at public places (roads, railway stations, airports etc), departmental stores, commercial establishments, malls, multiplexes, theatres, clubs, hotels and other such entertainment/leisure establishments.

Consumption (kVAh/kWh per month)	Fixed Charges Rs/(HP/kVA/kW)/ month	Energy Charges Paise/(kVAh/kWh)
For all kVAh/kWh consumed	Nil	900

213.1.3.1 L.T.CATEGORY-III (A) - NORMAL CATEGORY

The tariffs are applicable for supply of electricity to Low Tension Industrial consumers with a Contracted load of 100 HP/75 KW and below including incidental lighting load not exceeding 10% of the

total Contracted Load. Industrial purpose shall mean supply for purpose of manufacturing, processing and/or preserving goods for sale but shall not include shops, business houses, offices, public buildings, hospitals, hotels, hostels, choultries, restaurants, clubs, theaters, cinemas, bus stations, railway stations and other similar premises, notwithstanding any manufacturing, processing or preserving goods for sale.

This tariff will also apply to

i. Water Works & Sewerage Pumping Stations operated by Government Departments or Co-operative Societies and pumpsets of Railways, pumping of water by industries as subsidiary function and sewerage pumping stations operated by local bodies.
ii. Workshops, flour mills, oil mills, saw mills, coffee grinders and wet grinders, Ice candy units with or without sale outlets, Goshalas, grass cutting and fodder cutting units.
iii. The Information Technology (IT) units identified and approved by the Consultative Committee on IT Industry (CCITI) constituted by GoAP.
iv. News paper printing units.
v. Poultry Farming Units other than those coming under LT Category – IV.
vi. Pisciculture and Prawn culture units.
vii. Mushroom production units, Rabbit Farms other than those coming under LT Category – IV.
viii. Floriculture in Green Houses.
ix. Sugar cane crushing.

Rates for LT-III(A) Industrial Normal Category

Rates: Industrial – Normal		
	Fixed Charges/ Demand Charges	**Energy Charges Paise/unit (kVAh/kWh)**
(i) Industry(Normal)	Rs.50 HP/Month of Connected Load	500
(ii) Industry (Optional)	Rs.150/kVA/month	500
(iii) Tariff for Pisciculture and Prawn culture units with Contracted Load below 10 HP	Rs.50 HP/Month of Connected Load	212
(iv) Sugar cane crushing	Rs.50.HP/Month of Connected Load	162
(v) Poultry Farms with more than 1000 birds. *	Rs.50.HP/Month of Connected Load	500

Rates: Industrial – Normal		
(vi)Mushroom production Farms, Rabbit Farms	Rs.50 HP/Month of Connected Load	500
(vii)Floriculture in Green-Houses	Rs.50 HP/Month of Connected Load	500

- If the metering is on HT side, 1% of total energy consumed shall be deducted from recorded energy for the purpose of billing

* No manufacturing /production certification shall be required if the poultry farm has no in-house manufacturing activity such as feed mills. Poultry farms are exempted from general condition of 3 HP minimum load for releasing the three phase supply

213.1.3.2 Rates for Seasonal Industries under LT-III(A)

Where a consumer avails supply of energy under L.T. Category - III (A)(i) & (ii) for manufacture of sugar or ice or salt, decorticating, seed processing, fruit processing, ginning and pressing, cotton seed oil mills, tobacco processing and re-drying and for such other industries or processes as may be approved by the Commission from time to time principally during certain seasons or limited periods in the tariff year and his main plant is regularly closed down during certain months of the tariff year, he may be charged for the months during which the plant is shut down (which period shall be referred to as the **off-season** period) as follows.

LT III(A)(i) OFF Season Tariff

FIXED CHARGES	
on 30% of contracted load	Rs.50/HP/Month
ENERGY CHARGES	
For all kVAh/kWh of energy consumed	Rs.567 paise

- If the metering is on HT side, 1% of total energy consumed shall be deducted from recorded energy for the purpose of billing.

LTIII (A) (ii) OFF Season Tariff

DEMAND CHARGES

Based on the Recorded Maximum Demand or 30% of the Contracted Demand whichever is higher Rs.150 per kVA/Month.

PLUS

ENERGY CHARGES

For all kVAh/kWh of energy consumed 567 Paise

- If the metering is on HT side, 1% of total energy consumed shall be deducted from recorded energy for the purpose of billing.

213.1.3.3 L.T. CATEGORY - III(B) - INDUSTRIAL

This tariff is applicable to Small Scale Industrial Units which have been licensed by the Industries Department as bona fide Small Scale Industries and given registration No. under SSI registration scheme with connected loads above 75 HP and upto 150 HP and who wish to avail supply at Low Tension subject to the Conditions mentioned here-under. The applicants should indicate their consent for these conditions, in the application for LT supply. The existing LT Category-III consumers who come under SSI category and who were sanctioned LT supply for connected loads above 75 HP and upto 125 HP subject to certain conditions prior to 15.7.1987, and who did not switch over to HT supply, may also come under this category duly complying with these conditions.

Rates:		
	Demand Charges	**Energy Charges**
LT III(B) Industry	Rs. 150/kVA/month	500 paise/kVAh
Since metering is on HT side, 1.5% of total energy consumed shall be deducted from recorded energy for the purpose of billing (If metering is not on HT side, no such deduction shall be made).		

213.1.3.4 Rates for Seasonal Industries coming under LT-III(B)

Where a consumer avails supply of energy under L.T. Category – III (B) for manufacture of sugar or ice or salt, decorticating, seed processing, fruit processing, ginning and pressing, cotton seed oil mills, tobacco processing and re-drying and for such other industries or processes as may be approved by the Commission from time to time principally during certain seasons or limited periods in the tariff year and his main plant is regularly closed down during certain months of the tariff year, he may be charged for the months during which the plant is shut down (which period shall be referred to as the **off-season** period) as follows.

LT III (B) OFF Season Tariff

DEMAND CHARGES
Based on the Recorded Maximum Demand or 30% of the Contracted Demand whichever is higher Rs.150 per kVA/Month.
PLUS
ENERGY CHARGES
For all kVAh/kWh of energy consumed 567 Paise
Since metering is on HT side, 1.5% of total energy consumed shall be deducted from recorded energy for the purpose of billing (If metering is not on HT side, no such deduction shall be made).

213.1.4.1 L.T. CATEGORY-IV (A): Cottage Industries and Dhobighats

Applicable for supply of energy to Dhobighats & bonafide (as certified by D.E(operations)) small Cottage Industries specifically power looms, Carpentry, blacksmithy, Kanchari, Gold smithy, shilpi, pottery, Mochy, Phenoyl production units, Agarbathi production units, Wax Candle making units, Papads Manufacturing units, Leather (Chappals) making, Soap Industry, Plaster of Paris units, Laque toy making units, Pop Toys, Wood carving/toy making units, Pickles Manufacturing, Mango jelly units, Adda leaf plate industry having connected load not exceeding 5 H.P. including incidental lighting in the premises.

Rates	
For all kWh consumed	267 Paise per kWh
Fixed Charges	Rs.10/- per month per H.P. of contracted load subject to a minimum of Rs.30/- per month
Note: Units which exceed 5 HP connected load shall be billed at tariff specified for LT-III(A) Industrial Category	

213.1.4.2 L.T. CATEGORY-IV (B): Poultry Farming units upto 1000 Birds

Poultry farming units upto 1000 birds strength subject to certification from concerned DE(Operations) come under this category. If the number of birds in the poultry farm exceeds 1,000 birds, electricity supply to such poultry farms shall be classified

under L.T. Category-III (A) or HT category I as the case may be according to the connected load/Contracted Demand.

Rates	
For all kWh consumed	267 Paise per kWh
Fixed Charges	Rs.10/- per month per H.P. of contracted load subject to a minimum of Rs.30/- per month
Note: ***1***. It is not necessary to have a separate service for lighting load in the premises. 2. Units which exceed 5 HP connected load shall be billed at tariff specified for LT- III(A) Industrial Category.	

213.1.4.3 L.T. CATEGORY-IV (C): Agrobased Activities

Applicability

This tariff is applicable to bonafide (as certified by DE/Operations) small agro based industrial units located in rural areas covering Sisal fibre extraction co-operative units,Vermiculture, Sericulture, Mushroom growing, Rabbit farming, Sheep rearing, Apiculture (honey making), Chaff-cutting and Dairy farming activities with connected load upto 5 HP(including incidental lighting load).

Rates	
For all kWh consumed	267 Paise per kWh
Fixed Charges	Rs.10/- per month per H.P. of contracted load subject to a minimum of Rs.30/- per month
Note: Units which exceed 5 HP connected load shall be billed at tariff specified for LT-III(A) Industrial Category.	

213.1.5.1 L.T.CATEGORY – V(A) – Agricultural with DSM measures

Category	**Purpose**	**Fixed charges**	**Energy Charg e Paise/kWh**
With DSM measures	Corporate Farmers & IT Assesses	0	250
	Wet Land Farmers (Holdings>2.5acre)	*Rs. 525/HP/Year	50
	Dry Land Farmers (Connections>3 nos.)	*Rs. 525/HP/Year	50
	Wet Land Farmers (Holdings<=2.5 acre)	0	0
	Dry Land Farmers (Connections<=3nos.)	0	0
* Equivalent flat rate tariff			

213.1.5.2 L.T.CATEGORY-V(B) Agricultural without DSM measures

Category	Purpose	Fixed charges	Energy Charge Paise/kWh
Without DSM measures	Corporate Farmers & IT Assesses	0	350
	Wet Land Farmers (Holdings >2.5 acre)	*Rs. 1050/HP/Year	100
	Dry Land Farmers (Connections>3 nos.)	*Rs. 1050/HP/Year	100
	Wet Land Farmers (Holdings<=2.5 acre)	*Rs. 525/HP/Year	50
	Dry Land Farmers (Connections<=3 nos.)	*Rs. 525/HP/Year	50
* Equivalent flat rate tariff			

Note: For LT lift irrigation schemes, if supply is made beyond 7 hrs. per day, such additional consumption shall be billed @ Rs.3.50 per unit.

213.1.5.3 LT CATEGORY – V(C) – Others

Description	Fixed charges	Energy Charge Paise/kWh
Salt farming units with Connected Load upto 15HP $	Nil	212
Rural Horticulture Nurseries $	Nil	212
$ -Units with connected load more than15 HP shall be billed under LT Category III(A) – Industrial Normal tariff		

213.1.6 L.T. CATEGORY-VI Local Bodies, Street Lighting and PWS Schemes

Applicability

Applicable for supply of energy for lighting on public roads, streets, thoroughfares including parks, markets, cart-stands, taxi stands, bridges and also for PWS schemes in the Local Bodies viz., Panchayats/Municipalities/Municipal Corporations. Metering is compulsory irrespective of tariff structure.

Rates:

213.1.6.1 LT VI(A) Street Lighting:

For all kWh consumed	Paise per kWh
Minor Panchayats	237
Major Panchayats	300
Nagarpalikas & Municipalities Gr.3	379
Municipalities Gr. 1 & 2	409
Municipalities Selection / Spl. Gr.	450
Corporations	500
Minimum charges	
Panchayats	Rs.2 per point per month
Municipalities/Corporations	Rs.6 per point per month

213.1.6.2 LT VI(B) PWS Schemes:

	Energy charges	Fixed charges
Minor/Major Panchayats		
Upto 2500 kVAh/kWh /year	145 paise per unit	Rs.10/HP/month of contracted load subject to a minimum of Rs.50/-
Above 2500 kVAh/kWh	195 paise per unit	
All Nagarpalikas & Municipalities		
	Energy charges	Fixed charges
Upto 1000 kVAh/kWh	450 Paise per unit	Rs.20/HP/month of contracted load subject to a minimum of Rs.100/-
Balance kVAh/kWh	500 Paise per unit	
Municipal Corporations:		
Upto 1000 kVAh/kWh	500 Paise per unit	Rs.30/HP/month of contracted load subject to a minimum of Rs.100/-
Balance kVAh/kWh	525 Paise per unit	
Note: Trivector meters shall be provided for all 20 HP and above services. Energy charges shall be billed on kVAh for all 20 HP & above services. For loads below 20 HP, energy charges shall be billed on kWh basis.		

213.1.7.1 L.T. CATEGORY-VII (A) - General Purpose

Applicability

Applicable for supply of energy to places of worship like Churches, Temples, Mosques, Gurudwaras, Crematoriums, Government Educational Institutions and Student Hostels run by Government agencies, Charitable Institutions i.e., Public charitable trusts and societies registered under the Societies Registration Act running educational and medical institutions on a no profit basis, recognized service institutions and registered old age homes.

Rates	
For all the kVAh/kWh consumed	450 paise per kVAh/kWh
Fixed Charge	Rs.20/kW per Month.
Minimum charges	Rs.50 per month for single phase supply
	Rs.150 per month for three phase supply
Note: Trivector meters shall be provided for all 10 kW and above services. Energy charges shall be billed on kVAh for all 10 kW & above services. For loads below 10 kW, energy charges shall be billed on kWh basis.	

213.1.7.2 L.T. CATEGORY-VII (B) -Religious Places

Applicability

Applicabe for supply of energy to places of worship such as Churches, Temples, Mosques, Gurudwaras and Crematoriums with connected load up to 1 kW. If the connected load is more than 1 kW, the consumers will be billed under LT Category VII(A): General Tariff.

Rates	
Upto 200 kWh	260 paise per kWh
Balance kWh	450 paise per kWh
Fixed Charge	Rs.10/kW per Month
Minimum charges shall not be levied on LT-VII(B):Religious Places	

213.1.8.1 L.T. CATEGORY-VIII(A)-Temporary supply for Agriculture Purpose

Rates	
For all the kVAh/kWh consumed	300 paise per kVAh/kWh
Minimum charges	Rs.100 per HP of contracted load for the first 30 days or part thereof and Rs.50 per HP of contracted load for every subsequent period of 15 days or part thereof

213.1.8.2 L.T. CATEGORY-VIII(B) Temporary supply for other than Irrigation and Agriculture Purpose:

Rates	
For all the kVAh/kWh consumed	750 paise per kVAh/kWh
Minimum charges	Rs.125 per kW or part thereof of contracted load for first 30 days or part thereof and Rs.75 per kW or part thereof of contracted load for every subsequent period of 15 days or part thereof
Note: Trivector meters shall be provided for all 10 kW and above services. Energy charges shall be billed on kVAh for all 10 kW & above services. For loads below 10 kW, energy charges shall be billed on kWh basis.	

213.2 TERMS & CONDITIONS OF LT SUPPLY

General conditions of L.T. Tariff

1. **FSA will be extra as applicable as notified by the Commission from time to time.**
2. Up to 3 kW of Contracted Load supply will be extended on single phase only.
3. The Tariffs are exclusive of Electricity duty payable as per the provisions of AP Electricity Duty Act.
4. The Licensee shall have the right to classify or re-classify the category of supply of energy to any premises under an appropriate category of L.T. Tariff.
5. Additional Charges for belated payment of Bills:

   a) The C.C. bills shall be paid by the consumers within the due date mentioned in the bill, i.e. 15 days from date of the bill.
   b) If payment is made after due date, the consumers are liable to pay belated payment charges per month on the bill amount at the rates given in table below.

LT – I(A)	Rs.10
LT-I(B),LT-IV	Rs.25
LT-II(A)	Rs.25
LT-II(B),LT-VI,LT-VII	1.5% of bill amount or Rs.75, whichever is higher
LT-III(A) & (B)	1.5% of bill amount or Rs.250, whichever is higher

   c) If the C.C. bills amount is not paid within 15 days from the due date the power supply is liable for disconnection.
   d) For re-connection of power supply after disconnection, the consumer has to pay reconnection fees. The re-connection charges shall not be collected without actual disconnection.

213.3 CATEGORY WISE SPECIFIC CONDITIONS OF L.T. TARIFF

(1)LT. Category –I - Domestic

a. If electricity supplied in domestic premises is required to be used for non-domestic and commercial purposes a separate connection should be taken for such loads under L.T. Category - II failing which the entire supply shall be charged under L.T.Category -II tariff apart from liability for penal charges as per the terms and conditions of the supply.

b. For common services like Water supply, common lights in corridors and supply for lifts in multistoried buildings, consumers shall be billed electricity charges as follows:

   i. At L.T.Category- LT I(B), if the plinth area occupied by the domestic consumers is 50% or more of the total plinth area.

   ii. At L.T.Category-II(B), if the plinth area occupied by the domestic consumers is less than 50% of the total plinth area.

   iii. If the service in a flat is for domestic purpose, it will be charged at L.T.Category –I(A) or LT I(B) (Domestic) as per applicable contracted load. If the service in a flat is for commercial or office use or any other purpose, which does not fall under any L.T.Category-I(A) or I(B) , it will be charged at L.T. Category-II(A) or II(B) Non-Domestic /Commercial as per applicable contracted load.

c. Single Point LT services released to residential complexes of State Government/ Central Government Departments under specific orders of Licensee with

Contracted Load/ Connected Load in excess of 56 KW/75 HP shall continue to be billed under LT-I(B) Domestic tariff slab rate applicable based on the average monthly energy consumption per each authorized dwelling i.e. total energy consumption in the month divided by the number of such dwelling units, in the respective residential complexes.

The above orders are subject to the following conditions, namely:

a) Orders are applicable to Police Quarters and other State/Central Government residential complexes specifically sanctioned by the Licensee.

b) Provided that it is at the request of the designated officer, who shall give an unconditional undertaking that he will pay up the bill for CC charges to the Licensee irrespective of collection from the individual occupants.

c) The consumers shall be billed at the appropriate slab rate in tariff based on the average monthly consumption per dwelling unit in the complex.

d) Meter reading shall be taken monthly in all such cases.

e) Customer charges calculated at corresponding rate applicable slabwise per month for each dwelling unit shall be billed.

d. Where an individual consumer seeks to avail supply for Domestic purpose with a connected load of over 56KW/75HP, such consumers may be given supply under this category subject to the following conditions.

i. The metering shall be provided by the DISCOMs on HT side of the distribution transformer.
ii. Meter reading shall be done monthly and the energy recorded in the HT metering shall be billed at tariff rates under LT category I(B).

(2)LT. Category –II Non-Domestic/ Commerical

1) For loads 10 kW and above, a LT tri-vector meter shall be provided and energy charges shall be billed on kVAh.

2) For loads below 10 kW, the billing shall be based on kWh.

3) In respect of the complexes having connected load of more than 56 kW/75 HP released under specific orders of Licensee for Single Point Bulk supply, where such complex is under the control of a specified organisation/ agency taking responsibility to pay monthly current consumption bills regularly and abide by the Terms and Conditions of supply as per agreement, the billing shall be done at the highest slab tariff rate under this category. The energy shall be measured on HT side of the Distribution Transformer feeding the Load. In cases where energy is measured on LT side of the transformer, 3% of the recorded energy during the month shall be added to arrive at the consumption on High Tension side of the transformer.

4) Energy charges shall be billed on kVAh wherever LT Trivector meters are provided by Licensees/Consumers. In the absence of LT Trivector Meters, energy charges shall be billed on kWh basis.

(3)LT-III (A) Industrial

LT – III(A) Industry Category

1) **LT-III-A (i) Industry Normal:** The fixed charges shall be computed based on contracted Load or actual Recorded Demand whichever is higher. For the purpose of billing, kVA shall be equal to HP.

2) **LT-III(A)(ii) Industrial-Optional**

   i. Consumers with connected load between 50 and 100 HP can opt for a two-part optional tariff.
   ii. The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand whichever is higher.
   iii. Energy charges will be billed on the basis of actual Energy consumption or 50 kVAh per kVA of billing demand whichever is higher.

3) **LT III(A)(i) & LT III(A) (ii) Load Conditions**

   i. The Contracted load shall be the connected load required by the consumer and so specified in the

agreement as per sanction accorded for the service. In the case of Industrial - optional two-part tariff the consumer can declare a contracted demand different from the contracted load but shall not be less than 25 kVA. If the consumer opts for a two part demand tariff the billing demand shall be 80% of the Contracted Demand or Recorded Demand whichever is higher. If the recorded demand exceeds the Contracted Demand such excess demand shall be billed at the demand charge prescribed under HT Category – I (11 kV supply).

ii. If the actual connected load for lighting purpose exceeds the prescribed limit of 10%, the energy recorded prorata to the lighting load shall be billed at the LT Category-II(B) highest slab rate. It is not necessary to have a separate service for lighting load in the premises. In case of poultry farms, the limit of 10% lighting load restriction is not applicable.

4) LT III(A)(iv) Sugarcane Crushing

Sugar cane crushing operations will be allowed under existing agricultural connections with the specific permission from concerned DE (Operation).

5) LT III(A)(i) & LT III(A) (ii) Metering Conditions

i. A LT Trivector meter shall be provided for the consumers with connected load of 20 HP to below 50 HP.

ii. For loads 50 HP to 100 HP the metering will be provided on HT side of the Distribution Transformer.

6) LT III(A)(i) & LT III(A) (ii) Metering & Billing

i. Energy charges shall be billed on kVAh wherever Trivector meters are provided. For loads below 20 HP, billing shall be done based on kWh.

(4) LT-III (B) Industrial

i. The maximum Connected Load under this Category shall not exceed 150 HP including incidental lighting load of not more than 10% of the total connected load. The contracted load shall be as specified in the agreement as per sanction accorded for the service. The consumer shall declare his

contracted demand, which shall not be less than 50 kVA and shall also be specified in the Agreement.

ii. The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand whichever is higher.

iii. Energy charges will be billed on the basis of actual Energy consumption or 50 kVAh per kVA of billing demand whichever is higher.

iv. If in any month the Recorded Maximum Demand (RMD) of the consumer exceeds his contracted demand with Licensees, the consumer will pay the following charges on excess demand and energy.

RMD over CMD	**Demand Charges on Excess Demand**	**Energy Charges on full Energy**
100 to 120 %	2 times of normal charge	Normal
Above 120 % and up to 200 %	2 times of normal charge	1.15 times of normal charge
More than 200%	2 times of normal charge	1.20 times of normal charge

v. The consumer should erect his own Distribution Transformer and structure initially along with necessary switchgear. The transformer will be maintained by the consumer.

vi. For new/additional loads the consumer has to comply with the procedures as per the terms and conditions of supply of the Licensee as applicable to HT Industrial consumers.

vii. The metering will be on HT side of the Distribution Transformer with a Tri-vector meter.

viii. Customer charges shall be as applicable for HT- 11 kV consumers.

ix. If the actual connected load for lighting purpose exceeds the prescribed limit of 10%, the energy recorded prorata to the lighting load shall be billed at the LT Category-II(B) highest slab rate. It is not necessary to have a separate service for lighting load in the premises. In case of poultry farms, the limit of 10% lighting load restriction is not applicable.

(5) LT-III : Industrial - Conditions for Seasonal Industries

i. Consumers, classified as seasonal load consumers, who are desirous of availing the seasonal benefits shall specifically declare their season at the time of entering into agreement that their loads should be classified as seasonal loads.

ii. The period of season shall not be less than 4(four) continuous months. However, consumer can declare longer seasonal period as per actuals.

iii. Existing eligible consumers who have not opted earlier for availing of seasonal tariffs will also be permitted to opt for seasonal tariff on the basis of application to the concerned Divisional Engineer of the Licensee.

iv. Consumer, who desires to have a change in the period classified as "season" declared by him, shall file a declaration at least a month before commencement of the respective tariff year. For the current tariff year 2012-13, change can be made by any consumer by filing a declaration, duly intimating such change by 31/5/2012.

v. The seasonal period once notified cannot be changed, during one Tariff year.

vi. The off-season tariff is not available to composite units having seasonal and other categories of loads.

vii. The off-season tariff is also not available for such of those units who have captive generation exclusively for process during season and who avail supply from Licensee for miscellaneous loads and other non-process loads.

viii. Any consumer who after declaring the period of season consumes power for his main plant during the off-season period, shall not be entitled to this concession during that tariff year.

ix. Development charges as applicable to regular LT consumers shall be paid by the consumers for availing supply under the above said category with seasonal benefits. Consumers who have paid the development charges already as regular consumers need not pay the development charges.

x. Energy charges shall be billed on kVAh for all 20 HP & above services. For all loads below 20 HP, energy charges shall be billed on kWh.

(6) LT Category-V : Agriculture

i. Agricultural consumers are permitted to use 1 (15 W) or 3 lamps of 5 watts each near the main switch as pilot lamp/s.

ii. Supply to the L.T. Agricultural services will be suitably regulated as notified by Licensee from time to time.

iii. Customer charges of Rs.30/- per month per service in terms of Part `C' of the tariff shall be payable by all Agricultural Consumers.

iv. The Farmers eligible for free supply under Dry Land as well as Wet Lands have to comply with the following Demand Side Management measures (DSM) as applicable for his

pumping system viz., submersible and surface pump sets in which they shall not be eligible for free supply.

v. DSM measures include frictionless foot valve, capacitor of adequate rating, HDPE or RPVC piping at suction and/or delivery and ISI marked monobloc or submersible pump sets.

vi. Farmers in dry land areas shall not be eligible for free supply if they grow Paddy in second crop.

vii. All new connections shall be given only with DSM measures implemented and with meters.

(7) LT-Category VI : Street Lighting & PWS

LT VI(A) Street Lighting:

i. The cost of fittings shall be borne or paid for by the consumers. The responsibility for maintenance including renewals and replacements rests with the Local Bodies viz., Panchayats, Municipalities, Municipal Corporations.

ii. Where the cost of fittings is borne by the Licensee, the first supply of filament lamps, fluorescent tubes, mercury vapour lamps including special type lamps along with their fittings will be made by the Licensee at its cost. In such cases, consumer will have to pay fixed charges as in column (3) below. However, where the cost of fittings is borne by the consumer but maintenance is done by the Licensee, the consumer will have to pay fixed charges as in Column (4) below:

Sl. No	Fittings for	Fixed charges Per Month where the cost of fittings is borne by Licensee (Rs.)	Fixed charges per month where the cost of fittings is borne by the Local Body but maintenance by Licensee (Rs.)
(1)	(2)	(3)	(4)
1	Ordinary Filament Lamp	2	1
2	Fluorescent Lamp 40 W Single Fixture	7	4
3	Fluorescent Lamp 40 W Double Fixture	8	4
4	M.V. Lamps 80 W Fixture	12	6
5	M.V. Lamps 125 W Fixture	15	8
6	M.V. Lamps 250 W Fixture	45	23
7	M.V. Lamps 400 W Fixture	50	25

iii. The replacement of filament lamps, fluorescent tubes, mercury vapour and other special type of lamps will be done by the Local Body at its cost. However, in urban areas till such time the Municipalities and Corporations make their own arrangements for such replacements the Licensee may, if the consumer so desires, carry out the replacement provided the Local Body supplies the lamps and tubes. The consumer will in such cases be billed labour charges at the rate of Rs. 2 per replacement.However, in Rural areas, such replacement of bulbs supplied by the Local Body will be made by the Licensee without collecting labour charges. For this purpose the area coming under Gram Panchayat shall constitute 'Rural Area'.

iv. Additional charges: Every local body shall pay an additional charge equivalent to any tax or fee levied by it under the provisions of any law including the Corporation Act, District Municipalities Act or Gram Panchayat Act on the poles, lines, transformers and other installations through which the local body receives supply.

(8) LT-Category- VIII : Temporary Supply

(1) Requests for temporary supply of energy cannot normally be considered unless there is a clear notice of at least one week in the case of domestic and three months in case of other types of supply. If supply is required at a short notice, in addition to the charges mentioned below, an urgency charge, as specified in clause V (h) above is also to be paid.

(2) Estimated cost of the works means the cost of works for making necessary arrangements for supplying energy including the cost of distribution lines, switchgear, metering equipment, etc., as may be worked out on the basis of standards and norms prescribed by the Licensee , from time to time plus cost of dismantling the lines and

other works when the supply is no more required less the cost of retrievable material.

(3) (a)Estimated cost of the works as mentioned in Para (2) above shall be paid by the consumer in advance. After the works are dismantled and retrievable materials returned to stores, a bill for the actual amount payable by the consumer shall be prepared and the difference would be collected from or refunded to the consumer, as the case may be. No development charges shall be collected for temporary supply. (b)In addition to the aforesaid charges payable by consumers availing temporary supply, they shall pay hire charges at 2% on cost of retrievable material per month or part thereof, for the duration of temporary supply. These charges will be claimed along with the consumption bills.

(4) (a)The consumer requiring supply on temporary basis shall be required to deposit in advance, in addition to the estimated cost of works mentioned in 3(a), the estimated consumption charges at the rate stipulated in Tariff Order for Temporary supply, and worked out on the basis for use of electricity by the consumer for 6 hours per day for a period of 2 months in case the supply is required for more than 10 days. If the period of temporary supply is for 10 days or less, the advance consumption charges for the actual period requisitioned shall be paid.

(b)The Bill for electricity consumed in any month shall be prepared at the tariff applicable plus hire charges as mentioned in 3(b) above. The consumers have to pay monthly CC charges regularly during the period of availing temporary supply and the estimated energy consumption deposit shall be adjusted with the last month consumption and the balance if any shall be refunded.

(c) In the case of consumers requiring temporary supply for the purposes of Cinema, the estimated energy charges for a minimum period of 3 months shall have to be deposited by the consumer subject to the condition that the consumer shall pay every month energy and other miscellaneous charges for the preceding month and the amount deposited by him in advance shall be adjusted with the last month consumption and the balance amount shall be refunded.

(d) In the event of estimated energy charges deposited by the consumer having been found insufficient, the consumer shall deposit such additional amount, as may be demanded by the Licensee failing which the Licensee may discontinue the supply of electricity.

(5)Estimated cost of works and estimated energy charges

These charges shall be paid in advance by the consumer in accordance with the procedure prescribed in clause VI of part C along with any other charges payable as specified therein.

(6)Regular consumers requiring temporary additional supply

In cases where consumers availing regular supply of energy require additional supply for temporary period, the additional supply shall be given as a temporary service under a separate connection and charged as such in accordance with the above procedure.

213.4 OTHER CHARGES IN L.T.

I. Service Connection Charges

The service connection charges shall be collected as per the Regulations issued by the Commission from time to time.

Service connection wires for L.T. Category- V Irrigation and Agricultural purposes shall be laid collecting an amount of Rs.25/- per H.P. of contracted load towards service connection charges.

II. Reconnections

(a)Low Tension Services.	
LT – I(A)	Rs.25
Overhead LT Services	Rs.75
U.G. Services	Rs.200

III. Testing

(a)Installations	**LT**
The first test and inspection of a new installation or of an extension to an existing installation.	Nil
Charges payable by the consumer in advance for each subsequent test and/or inspection if found necessary owing to any fault in the installation or to non-compliance of the conditions of supply.	Rs.20
(b)Meters	**LT**
A.C. Single Phase Energy meter	Rs.100
A.C. Three Phase Energy meter	Rs.300
LT Tri Vector meter	Rs.2000

IV. Service Calls

(a)Charges for attendance of Fuseman for Low Tension Consumers	
i) Replacing of Licensee's cut out fuses	Nil
ii) Replacing of consumer's fuses	Rs.3/-
(b)Charges for attendance of Fuseman/ Wireman at the consumer's premises during any function or temporary illumination provided a Fuseman/ Wireman can be spared for such work	Rs.100/- for each day or part thereof.
(c) Charges for Infructuous visit of Licensee employees to the consumer's premises.	Rs.25/- for each visit when there is no defect in Licensee's equipment.

V. Miscellaneous Charges

(a)Application Registration Fees	
(i)For LT Agricultural & Domestic	Rs. 25
(ii)For all other LT Categories	Rs. 50
(b)Revision of estimates	Rs. 10

(c)Fee for rerating of consumer's installation at the request of the consumer. *This does not include the additional charges payable by the consumer for increasing his connected load in excess of the contracted load, as provided in General Terms and conditions of supply.*	Rs. 20
(d)Resealing of	
(i)L.T. Meter Cut outs in the consumer's premises	Rs. 5
(ii)M.D. Indicator meters and other apparatus in the consumer's premises For all other LT Categories	Rs.100
The aforesaid charges do not include the additional charges payable by the consumer for breaking the seals	
(e)For changing meter only at the request of the consumer (where it is not necessitated by increase in demand permanently)	Rs.25
(f)For changing or moving a meter board	Actual cost of material and labour plus 25% supervision charges on cost of materials and labour.

(g)Customer Charges

Consumer Category	Rs/month
LT-I(A) & I(B) Domestic	
0 - 50	25
51 - 100	30
101 - 200	35
201 - 300	40
>300	45
LT-II(A) & II(B) Non-Domestic/Commercial	
LT-II(A): Non-Domestic/Commercial	
0-50	30
51-100	35
>100	40
LT-II(C) Advertising Hoardings	45
LT-III(A) Industrial Normal upto 20 HP	50
LT-III(A) Industrial Normal 21 – 50 HP	200
LT-III(A) Industrial Normal 51 - 100	750
LT-III(B) Industrial Optional	1125
LT-VII - General Purpose	40
LT-VIII-Temporary Supply	40
All other LT categories	30

(h)Urgency charges for temporary supply at short notice	Rs.100
(i)Special rates chargeable for theft/pilferage and malpractice cases	
As per the General Terms and Conditions of Supply(GTCS) approved by the Commission from time to time.	
(j)Supervision/Inspection & checking charges	
For LT I(A) Domestic	Rs. 100
For LT I(B) Domestic	Rs. 100
LT Agricultural	Rs. 100
For all other LT Categories	Rs.100

VI. Miscellaneous works in L.T.

The charges for any work which the Licensee may be required to undertake for the consumer and which is not included in the foregoing schedule, shall be the actual cost of labor and material plus 25% on cost of labor and material to cover overhead charges. The aforesaid charges shall be paid by the consumer in advance.

VII Power factor apparatus and capacitor surcharge for L.T.

(1) Every LT consumers not provided with trivector meters, except LT-I Domestic, using induction motors and/or welding transformers shall install shunt capacitors of the rating specified by the Licensees in the General Terms and Conditions of supply (GTCS) approved by the Commission from time to time. In case the rated capacity of the induction motor or welding transformer falls in between the steps of the stipulated ratings, the capacitors suitable for the next higher step shall be installed by the consumer.

(2) The failure on part of the consumer with the above requirement shall be treated as violation of the terms and conditions of supply and the Licensee can terminate the contract and collect the sum equivalent to the minimum charges for the balance initial period of agreement, apart from

disconnection of supply as provided in the General Terms and Conditions of Supply.

(3) In the case of LT consumers (except LT Domestic) not covered by kVAh billing, if during inspection, no capacitor is found, or the capacitors already installed are found to be damaged or having defect or ceased to function, such consumer shall be liable to pay surcharge @ 25% of the monthly bill amount, as per the terms and conditions of supply notified by the licensee.

(4) LT consumers, except LT-I Domestic, who are provided with metering capable of measuring active and reactive power under the orders of the Commission, shall maintain their power factor preferably in between 0.95 lag and 0.95 lead in the interest of the system security. The consumers should not maintain the power factor on leading side less than 0.95. If any consumer maintain the power factor less than 0.95 lead for a period of 2 consecutive months, it must be brought back in the range of + or -0.95 within a period of 3 months failing which without prejudice to such other rights as having accrued to the licensee or any other right of the Licensee the supply to the consumer may be discontinued. However, for the purpose of kVAh billing leading kVARh shall be blocked.

PART B

213.5 H.T. TARIFFS

These tariffs are applicable for supply of Electricity to H.T. Consumers having loads with a contracted demand of 70 kVA and above and/or having a contracted load exceeding 75 HP/56 kW excluding LT III (A) and LT III (B) industrial categories.

213.5.1 H.T. CATEGORY – I (INDUSTRY)

Applicability

This tariff is applicable for supply to all H.T. consumers using electricity for industrial purpose. Industrial purpose shall mean

manufacturing, processing and/or preserving goods for sale, but shall not include shops, Business Houses, Offices, Public Buildings, Hospitals, Hotels, Hostels, Choultries, Restaurants, Clubs, Theatres, Cinemas, Railway Stations, Printing Presses, Photo Studios, Research & Development Institutions, Bus Stations, Bus Depots and other similar premises (**The enumeration above is illustrative but not exhaustive**) not withstanding any manufacturing, processing or preserving goods for sale.

HT-I (A) INDUSTRY – GENERAL

DEMAND CHARGES & ENERGY CHARGES		
Voltage of Supply	Demand Charges Rs/kVA/month of Billing Demand	Energy Charges Paise/kVAh *
132 kV and above	250	397
33 kV	250	437
11 kV	250	480
* Rs.1.00/ kVAh Time of Day Tariff is leviable on energy consumption during the period from 06:00 PM to 10:00 PM, in addition to the normal energy charges at respective voltages.		

Note:

1. The Water Works of Municipalities and Corporations and any other Government organizations and pumping of water by industries as subsidiary function and sewerage pumping stations operated by local bodies shall come under HT-I category.
2. The Information Technology units identified and approved by the Consultative Committee on IT industry (CCITI) constituted by Govt. of AP also shall come under HT-I category.
3. The news paper printing units come under HT-I category.

HT-I (B) FERRO ALLOY UNITS

DEMAND CHARGES & ENERGY CHARGES		
Voltage of Supply	Demand Charges Rs/kVA/month of Billing Demand	Energy Charges Paise/kVAh
132 kV and above	Nil	365
33 kV	Nil	405
11 kV	Nil	448

C) CONSUMPTION OF ENERGY FOR LIGHTS AND FANS IN FACTORY

ENERGY CHARGES	
Voltage of Supply	**Lights & Fans (Paise/kVAh)**
132 kV and above	567
33 kV	582
11 kV	600

1. **Case of segregation of fans and lights**
   The consumption of energy for lights and fans in the factory premises in excess of **10%** of total consumption shall be billed at the respective voltage wise tariff provided lights and fans consumption in the Unit is separately metered.
2. **Case of non-segregation of fans and lights**
   In case segregation of light and fan loads has not been done, **15%** of the total energy consumption shall be billed at the respective voltage wise tariff and the balance **kVAh** shall be charged at the corresponding energy tariff under HT category -I(A).
3. **Colony Consumption**
   a) The consumption of energy exclusively for the residential colony/ township in a month, separately metered with meters installed by the consumer and tested and sealed by the Licensee shall be billed at 450 paise per **kVAh**.
   b) In case segregation of colony consumption has not been done, 15% of the total energy consumption shall be billed at 450 paise per **kVAh** and the balance **kVAh** shall be charged at the corresponding energy tariff under HT category -I(A).
   c) Wherever possible colonies of Industry shall be given a separate HT service under HT Category-VI: Townships and Residential Colonies.

213.5.1.1 Rates for Seasonal Industries coming under HT-I(A)

Where a consumer avails supply of energy for manufacture of sugar or ice or salt, decorticating, ginning and pressing, cotton seed oil mills, seed processing, fruit processing, tobacco processing and re-drying and for such other industries or processes as may be approved by the Commission from time to time

principally during certain seasons or limited periods in the tariff year and his main plant is regularly closed down during certain months, he shall be charged for the months during which the plant is shut down (which period shall be referred to as the off-season period) as follows under H.T. Category-II rates.

DEMAND CHARGES & ENERGY CHARGES FOR OFF SEASON TARIFF		
Voltage of Supply	**Demand Charges Rs/kVA /month of Billing Demand#**	**Energy Charges Paise/kVAh**
132 kV and above	250	510
33 kV	250	535
11 kV	250	597
# Based on the Recorded Maximum Demand or 30% of the Contracted Demand whichever is higher		

213.5.2 H.T. CATEGORY-II: Others

Applicability

This tariff is applicable to all H.T. Consumers other than those covered under HT Categories I and III to VIII:

DEMAND CHARGES & ENERGY CHARGES		
Voltage of Supply	**Demand Charges Rs/kVA/ month of Billing Demand**	**Energy Charges Paise/kVAh ***
132 kV and above	250	510
33 kV	250	535
11 kV	250	597
* Rs.1.00/ kVAh Time of Day Tariff is leviable on energy consumption during the period from 06:00 PM to 10:00 PM , in addition to the normal energy charges at respective voltages		

Note

In respect of Government controlled Auditoriums and Theatres run by public charitable institutions for purpose of propagation of art and culture which are not let out with a profit motive and in respect of other Public Charitable Institutions rendering totally free service to the general public the overall **kVAh** rate (including customer charges) may be limited to the tariff rates under L.T. Category-VII General purpose in specific cases as decided by the Licensee.

213.5.3 H.T. CATEGORY-III :AVIATION ACTIVITY AT AIRPORTS

DEMAND CHARGES & ENERGY CHARGES		
Voltage of Supply	**Demand Charges Rs/kVA/ month of Billing Demand**	**Energy Charges Paise/kVAh ***
132 kV and above	250	454
33 kV	250	486
11 kV	250	539

* Rs.1.00/ kVAh Time of Day Tariff is leviable on energy consumption during the period from 06:00 PM to 10:00 PM , in addition to the normal energy charges at respective voltages

Notes:

1. The airports activities are partly under HT-III aviation related and partly under HT-II others, non-aviation related. It is essential to segregate the airport loads into aviation related & non-aviation related activities and install separate metering arrangements for the two uses.
2. The Commission directs that the segregation of loads and installation of separate metering shall be done by 31-07-2012.
3. After separate metering is installed for aviation and non aviation activities, the billing shall be done as per HT III for aviation and HT II for non aviation on actual meter readings with effect from the date of commencement of separate metering.
4. If the Consumer fails to comply with the direction by 31-07-2012, the billing shall be done under HT II (Others) category with effect from 01-08-2012 till the date of completion of such installation.
5. In the absence of separate metering, the billing shall be done from 01-4-2012 onwards on the basis of notional percentages indicated in the table below until completion of separate metering or 31-07-2012, whichever is earlier.

Percentage of Energy to billed under HT-III and HT-II

Airport	HT-III:Energy Charge	HT-II:Energy Charge
GMR, Hyderabad	61%	39%
Visakhapatnam	80%	20%
Other Airports	85%	15%

213.5.4.1 H.T. CATEGORY-IV (A) : GOVT. LIFT IRRIGATION SCHEMES

Applicability

This tariff is applicable to lift irrigation schemes managed by Government of A.P.

ENERGY CHARGES:
For all **kVAh** consumed during the month - **325 paise/kVAh**

213.5.4.2 H.T. CATEGORY-IV (B)- AGRICULTURAL

Applicability

This tariff is applicable for consumers availing H.T. Supply for Irrigation and Agricultural purposes and not covered under HT Category IV (A).

ENERGY CHARGES: zero paise/kVAh

213.5.4.3 H.T.CATEGORY-IV(C) -COMPOSITE PROTECTED WATER SUPPLY SCHEMES

Applicability

This tariff is applicable to energy consumption by HT services pertaining to Composite Protected Water Supply (PWS) schemes in rural areas. The composite PWS schemes shall be as defined and modified by the Commission from time to time.

Energy Charges : 200 paise/kVAh
Minimum Charges : Rs.300/kVA/Year

213.5.5 H.T. CATEGORY-V - RAILWAY TRACTION

Applicability

This tariff is applicable to all H.T. Railway Traction Loads.

NO DEMAND CHARGES **ENERGY CHARGES** For all **kVAh** consumed 543 Paise/**kVAh**

213.5.6 HT CATEGORY-VI-TOWNSHIPS AND RESIDENTIAL COLONIES

Applicability

This tariff is applicable exclusively for (i) Townships and Residential colonies of Cooperative group housing societies who own the premises and avail supply at single point for making electricity available to the members of such society residing in the same premises at HT and (ii) any person who avails supply at single point at HT for making electricity available to his employees residing in contiguous premises, the supply in all cases being only for domestic purposes, such as lighting, fans, heating etc., provided that the connected load for common facilities such as non-domestic supply in residential area, street lighting and water supply etc., shall be within the limits specified hereunder:

Water Supply & Sewerage and Street Light put together	**10%** of total connected load
Non-domestic/Commercial & General purpose put together	**10%** of total connected load

DEMAND CHARGES & ENERGY CHARGES		
Voltage of Supply	**Demand Charges Rs/kVA/ month of Billing Demand**	**Energy Charges Paise/kVAh**
132kV and above	250	450
33kV	250	450
11kV	250	450

213.5.7 HT CATEGORY –VII - GREEN POWER

Applicability

Green Power Tariff is applicable to all consumers who wish to avail of power from non-conventional sources of energy voluntarily, and show their support to an environmental cause.

Energy Charges : 700 paise/kVAh

Notes:

i. The Tariff shall be an optional Tariff
ii. A consumer shall be entitled to Renewable Energy Certificates (RECs) as may be admissible

213.5.8 HT CATEGORY –VIII – RURAL ELECTRIC CO-OPERATIVE SOCIETIES

DEMAND CHARGES & ENERGY CHARGES		
Voltage of Supply	**Demand Charges Rs/kVA/ month of Billing Demand**	**Energy Charges Paise/kWh**
Anakapally	Nil	120
Chipurupally	Nil	67
Siricilla	Nil	66
Kuppam	Nil	32

213.5.9 HT CATEGORY –IX – TEMPORARY

DEMAND CHARGES & ENERGY CHARGES		
Voltage of Supply	**Demand Charges Rs/kVA/ month of Billing Demand**	**Energy Charges Paise/kVAh**
132kV and above	1.5 Times of the Tariff of Corresponding HT Consumer Category	
33kV		
11kV		

213.6 H.T. SUPPLY- GENERAL CONDITIONS:

1. **FSA will be extra as applicable as notified by the Commission from time to time.**
2. **The tariffs are exclusive of Electricity duty payable as per the provisions of AP Electricity Duty Act**
3. **Voltage of Supply**

   The voltage at which supply has to be availed by:

   (i) HT consumers, seeking to avail supply on common feeders shall be:

   For Total Contracted Demand with the Licensee and all other sources.

Upto 1500 kVA	11 kV
1501 kVA to 5000 kVA	33 kV
Above 5000 kVA	132 kV or 220 kV as may be decided by Licensee

   (ii) HT Consumers seeking to avail supply through independent feeders from the substations where transformation to required voltage takes place shall be:

For total contracted Demand with the licensees and all other sources.

Upto 2500 kVA	11 kV
2501 kVA to 10,000 kVA	33 kV
Above 10000 kVA	132 kV or 220 kV

The relaxations are subject to the fulfilment of following conditions:

i. The consumer should have an exclusive dedicated feeder from the substation where transformation to required voltage takes place.

ii. The consumer shall pay full cost of the service line as per standards specified by APTRANSCO/DISCOMs including take off arrangements at substation;

iii. In case of HT – I A and HT – II consumer categories for whom the voltage wise tariff is applicable, the Licensee shall levy the tariff as per the actual supply voltage.

4. Voltage Surcharge

H.T. consumers who are now getting supply at voltage different from the declared voltages and who want to continue taking supply at the same voltage will be charged as per the rates indicated below:

Sl.No	Contracted Demand with Licensee and other sources (in kVA)	Voltage at which Supply should be availed (in kV)	Voltage at which consumer is availing supply (in kV)	Rates % extra over the normal rates	
				Demand Charges	Energy Charges
(A) For HT Consumers availing supply through common feeders					
1.	1501 to 5000	33	11	12%	10%
2.	Above 5000	132 or 220	66 or Below	12%	10%
(B) For HT Consumers availing supply through independent feeders					
1	2501 to10000 kVA	33	11	12%	10%
2	Above 10000 kVA	132 or 220	66 or Below	12%	10%

Note:

In case of consumers who are having supply arrangements from more than one source, the RMD or CMD only with the Licensee, whichever is higher shall be the basis for levying voltage surcharge.

5. Maximum Demand

The maximum demand of supply of electricity to a consumer during a month shall be twice the largest number of kilo-volt-ampere hours (kVAh) delivered at the point of supply to the consumer during any consecutive 30 minutes in the month. However, for the consumers having contracted demand above 4000 kVA the maximum demand shall be four times the largest number of kilo-volt-ampere-hours (kVAh) delivered at the point of supply to the consumer during any consecutive 15 minutes in the month.

6. Billing Demand

The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand whichever is higher, except HT VI category i.e., Townships & Residential Colonies. For HT VI category the minimum billing condition of 80% of the contracted demand shall not be applicable.

7. Monthly Minimum Charges

Every consumer whether he consumes energy or not shall pay monthly minimum charges calculated on the billing demand plus energy charges specified for each category in this part to cover the cost of a part of the fixed charges of the Licensee.

8. Additional charges for Maximum Demand in excess of the Contracted Demand

If in any month the recorded maximum demand (RMD) of the consumer exceeds his contracted demand with Licensee, the

consumer will pay the following charges on excess demand and energy.

RMD over CMD	Demand Charges on Excess Demand	Energy Charges on full Energy
100 to 120 %	2 times of normal charge	Normal
Above 120 % and up to 200 %	2 times of normal charge	1.15 times of normal charge
More than 200%	2 times of normal charge	1.20 times of normal charge

In case of Category-HT-V (Railway Traction), the energy charges shall be computed at 1.05 times of normal charges on the entire consumption, if RMD exceeds 120% of Contracted Demand.

9. Additional Charges for belated payment of charges

The Licensees shall charge the delayed payment surcharge (DPS) per month at the rate of 1.5% of Bill amount or Rs 550 whichever is higher. In case of grant of instalments at 18% per annum compounded annually and the two shall not be levied at the same time.

10. Customer Charges

Every consumer of H.T. electricity shall in addition to demand and energy charges billed as per tariff applicable to them, pay customer charges as applicable.

11. Maintenance of power factor at consumer end

HT consumers, who are provided with metering capable of measuring active and reactive power under the orders of the Commission, shall maintain their power factor preferably in between 0.95 lag and 0.95 lead in the interest of the system security. The consumers should not maintain the power factor on leading side less than 0.95. If any consumer maintain the power factor less than 0.95 lead for a period of 2 consecutive months, it must be brought back in the range of + or -0.95 within a period of

3 months failing which without prejudice to such other rights as having accrued to the licensee or any other right of the Licensee the supply to the consumer may be discontinued. However, for the purpose of kVAh billing leading kVArh shall be blocked.

213.7 H.T. SUPPLY SPECIFIC CONDITIONS

(1)**H.T-I (A)-Industry - General**

i. The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand whichever is higher.

ii. Energy charges will be billed on the basis of actual energy consumption or 50 **kVAh** per kVA of billing demand whichever is higher.

(2)***H.T-I (B)-Ferro Alloy Units***

i. Guaranteed energy off-take at 6701 **kVAh** per kVA per annum on Average Contracted Maximum Demand or Average Actual Demand whichever is higher. The energy falling short of 6701 **kVAh** per kVA per annum will be billed as deemed consumption.

ii. The consumer shall draw his entire power requirement from DISCOMs only.

(3)H.T Industry: Seasonsal Industries

i. Consumers, classified as seasonal load consumers, who are desirous of availing the seasonal benefits shall specifically declare their season at the time of entering into agreement that their loads should be classified as seasonal loads.

ii. The period of season shall not be less than 4(four) continuous months. However, consumer can declare longer seasonal period as per actuals.

iii. Consumer, who desires to have a change in the period classified as "season" declared by him, shall file a declaration at least a month before commencement of the respective tariff year. For the current tariff year 2012-13, change can be made by any consumer by filing a declaration, duly intimating such change by 31/5/2012.

iv. Existing eligible consumers who have not opted earlier for seasonal tariffs will also be permitted to opt for seasonal tariff on the basis of application to the concerned Divisional Engineer of the Licensee.

v. The seasonal period once notified cannot be changed, during one Tariff year.

vi. The off-season tariff is not available to composite units having seasonal and other categories of loads.

vii. The off-season tariff is also not available for such of those units who have captive generation exclusively for process during season and who avail supply from Licensee for miscellaneous loads and other non-process loads.

viii. Any consumer who after declaring the period of season consumes power for his main plant during the off-season period, shall not be entitled to this concession during that year.

ix. Development charges as applicable to regular HT consumers shall be paid by the consumers for availing supply under the above said category with seasonal benefits. Consumers who have paid the development charges already as regular consumers need not pay the development charges.

(4)HT Category-II - Others

i. The billing demand shall be the maximum demand recorded during the month or **80**% of the contracted demand, whichever is higher.

ii. Energy charges will be billed on the basis of actual Energy consumption or **25 kVAh** per kVA of Billing Demand, whichever is higher.

(5)HT-Category III - Aviation Activity at Airports:

i. The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand whichever is higher.

ii. Energy charges will be billed on the basis of actual energy consumption or 50 kVAh per kVA of billing demand whichever is higher.

iii. The above rates shall be applicable only for the identified aviation activity at the Airports. The other activities will be billed under HT (II) others.

iv. The loads at airports shall be segregated as aviation loads and non aviation loads and metered separately on or before 01-08-2012 and billed accordingly.

(6)HT-IV-Government Lift Irrigation Schmes & Agriculture

i. If the supply is made beyond 7 hrs/day such additional energy shall be billed at HT-IV(A) Government Lift Irrigation Schemes tariff.

ii. The metering is mandatory for both categories IV A&B and Energy reading shall be taken even if the supply is free.

iii. The Customer Charges are payable as per PART 'C' herein.

(7)HT-Category V-Railway Traction

Energy charges will be billed on the basis of actual energy Consumption or **32 kVAh** per kVA per month of Contracted Maximum Demand whichever is higher.

(8)HT CATEGORY -VI - Townships and Residential Colonies

i. The billing demand shall be the recorded maximum demand during the month.

ii. Energy Charges will be billed on the basis of actual consumption or 25 kVAh per kVA of Contracted Demand, whichever is higher.

iii. The above provisions shall not in any way affect the right of a person residing in the housing unit sold or leased by such Cooperative Group Housing Society, to demand supply of electricity directly from the distribution licensee of the area.

(9)Temporary Supply at HT

1. Requests for temporary supply of energy cannot normally be considered unless there is a clear notice of at least one week in the case of domestic and three months in case of other types of supply. If supply is required at a short notice, in addition to the charges mentioned below, an urgency charge, as specified in clause V (h) above is also to be paid.

2. Estimated cost of the works means the cost of works for making necessary arrangements for supplying energy including the cost of distribution lines, switchgear, metering equipment, etc., as may be worked out on the basis of standards and norms prescribed by the Licensee , from time to time plus cost of dismantling the lines and other works when the supply is no more required less the cost of retrievable material.

3. (a)Estimated cost of the works as mentioned in Para (2) above shall be paid by the consumer in advance. After the works are dismantled and retrievable materials returned to stores, a bill for the actual amount payable by the consumer shall be prepared and the difference would be collected from or refunded to the consumer, as the case may be. No development charges shall be collected for temporary supply.

   (b)In addition to the aforesaid charges payable by consumers availing temporary supply, they shall pay hire charges at 2% on cost of retrievable material per month or part thereof, for the duration of temporary supply. These charges will be claimed along with the consumption bills.

4. (a)The consumer requiring supply on temporary basis shall be required to deposit in advance, in addition to the estimated cost of works mentioned in 3(a), the estimated

consumption charges at the rate stipulated in Tariff Order for Temporary supply, and worked out on the basis for use of electricity by the consumer for 6 hours per day for a period of 2 months in case the supply is required for more than 10 days. If the period of temporary supply is for 10 days or less, the advance consumption charges for the actual period requisitioned shall be paid.

(b)The Bill for electricity consumed in any month shall be prepared at the tariff applicable plus hire charges as mentioned in 3(b) above. The consumers have to pay monthly CC charges regularly during the period of availing temporary supply and the estimated energy consumption deposit shall be adjusted with the last month consumption and the balance if any shall be refunded.

(c) In the case of consumers requiring temporary supply for the purposes of Cinema, the estimated energy charges for a minimum period of 3 months shall have to be deposited by the consumer subject to the condition that the consumer shall pay every month energy and other miscellaneous charges for the preceding month and the amount deposited by him in advance shall be adjusted with the last month consumption and the balance amount shall be refunded.

(d) In the event of estimated energy charges deposited by the consumer having been found insufficient, the consumer shall deposit such additional amount, as may be demanded by the Licensee failing which the Licensee may discontinue the supply of electricity.

5. *For new connections:* Temporary supply at High Tension may be made available by the Licensee to a consumer, on his request subject to the conditions set out herein.

6. Temporary supply shall not ordinarily be given for a period exceeding 6(six) months. In case of construction projects, temporary supply can be extended for a period of 3 years. The electricity supplied to such consumer shall be charged for, at rates 50% in excess of the rates set out in the H.T. Tariffs applicable subject to, however, that the billing demand for temporary supply shall be the contracted demand or the recorded maximum demand registered during the month whichever is higher.

7. Existing consumers requiring temporary supply or temporary increase in supply: If any consumer availing regular supply of electricity at High Tension requires an additional supply of electricity at the same point for a temporary period, the temporary additional supply shall be treated as a separate service and charged for as in clause (i) above, subject to the following conditions.

a) The contracted demand of the temporary supply shall be the billing demand for that service. The recorded demand for the regular service shall be arrived at by deducting the billing demand for the temporary supply from the maximum demand recorded in the month.

b) The total energy consumed in a month including that relating to temporary additional supply, shall be apportioned between the regular and temporary supply in proportion to the respective billing demands.

213.8 OTHER CHARGES FOR H.T.

I. Service Connection Charges

The service connection charges shall be collected as per the Regulations issued by the Commission from time to time.

II. Reconnections

High Tension Services	Charges
11 kV	Rs.1000
33 kV	Rs.2000
132/220 kV	Rs.3000

III. Testing

(a)Installations	Charges
The first test and inspection of a new installation or of an extension to an existing installation.	Nil
Charges payable by the consumer in advance for each subsequent test and/or inspection if found necessary owing to any fault in the installation or to non-compliance of the conditions of supply.	Rs.200
(b)HT Meters	Rs.3000
c)Transformer Oils	
First sample of oil	Rs.100
Additional sample of oil of the same equipment received at the same time	Rs.150

IV. Miscellaneous Charges

(a) Application Registration Fees	Rs. 100
(b)For changing meter only at the request of the consumer (where it is not necessitated by increase in demand permanently)	Rs.100
(c)For changing or moving a meter board	Actual cost of material and labour plus 25% supervision charges on cost of materials and labour.
(d)Customer Charges	
	Rs/month
HT consumer categories upto 33 kV	1125.00
HT consumer categories above 33 kV	2250.00
(e)Urgency charges for temporary supply at short notice	Rs.100
(f)Special rates chargeable for theft/pilferage and malpractice cases : As per the General Terms and Conditions of Supply (GTCS) approved by the Commission from time to time.	
(g)Supervision/Inspection & checking charges	
For all HT Categories	Rs.600

V. Miscellaneous works in H.T.

The charges for any work which the Licensee may be required to undertake for the consumer and which is not included in the foregoing schedule , shall be the actual cost of labor and material plus 25% on cost of labor and material to cover overhead charges. The aforesaid charges shall be paid by the consumer in advance.

214. The abstract of the tariff rates determined above, together with the terms & conditions governing the same is enclosed at Annexure A.

215. The payment of subsidy amounts indicated in para 211 above must be made by Government to the Licensees in monthly instalments, in advance.

216. The above determined rates for LT–I Domestic, LT-V (A) Agriculture, LT-V (B) Agriculture and HT-IV (B) Agriculture, are contingent on payment of subsidy as agreed by the GoAP, failing which, the rates contained in the full cost recovery tariff schedule will become operative.

217. These rates are applicable in the areas of operation of 4 (four) Distribution Companies viz., Eastern Power Distribution Company of A.P. Limited (APEPDCL), Central Power Distribution Company of A.P.Limited (APCPDCL), Northern Power Distribution Company of A.P. Limited (APNPDCL) and Southern Power Distribution Company of A.P. Limited (APSPDCL)) and 4 (four) Rural Electric Co-operatives viz., Anakapally, Chepurupally, Siricilla, Kuppam for FY 2012-13 w.e.f 01-04-2012 to 31-03-2013.

This Order is signed on 30-03-2012

Sd/-	**Sd/-**
(C.R.SEKHAR REDDY)	**(A.RAGHOTHAM RAO)**
MEMBER	**CHAIRMAN**

ANNEXURE-A

ABSTRACT OF RETAIL SUPPLY TARIFF/RATES FOR FY 2012-13

CONSUMER CATEGORY		Rates for 2012-13			
		UNIT for levy of Energy Charges	HP/kW Charge (Rs/Month)	kVA Charge (Rs/Month)	Energy Charge (Rs./Unit)
LT I	**DOMESTIC**				
LT I(A)	Domestic with contracted load of 500 watt and below				
	0-50 units	kWh	0.00	0.00	1.45
	51-100 units	kWh	0.00	0.00	2.60
	101-200 units	kWh	0.00	0.00	3.60
	201-300 units	kWh	0.00	0.00	5.75
	301-500 units	kWh	0.00	0.00	6.75
	More than 500 units	kWh	0.00	0.00	7.25
LT I(B)	Domestic with contracted load of above 500 watt				
	0-100 units	kWh	0.00	0.00	2.60
	101-200 units	kWh	0.00	0.00	3.60
	201-300 units	kWh	0.00	0.00	5.75
	301-500 units	kWh	0.00	0.00	6.75
	More than 500 units	kWh	0.00	0.00	7.25
LT II	**Non Domestic/Commercial #**				
LT II(A)	Contracted load of 500 watt and below				
	0-50 units	kWh	0.00	0.00	3.85
	51-100 units	kWh	0.00	0.00	6.00
	>100 units	kWh	0.00	0.00	7.00
LT II(B)	Contracted load of above 500 watt				
	0-100 units	kWh/kVAh	15.00	0.00	6.00
	>100 units	kWh/kVAh	15.00	0.00	7.00
LT II(C)	Advertising Hoardings	kWh/kVAh	0.00	0.00	9.00
LT III	**Industrial #**				
LT III(A)	Industry Normal				
i	Industrial Normal	kWh/kVAh	50.00	0.00	5.00
	Off seasonal tariff for seasonal loads	kWh/kVAh	50.00	0.00	5.67
ii	Industrial Optional	kVAh	0.00	150.00	5.00
	Off seasonal tariff for seasonal loads	kVAh	0.00	150.00	5.67
iii	Pisciculture , Prawn culture	kWh/kVAh	50.00	0.00	2.12
iv	Sugarcane crushing	kWh	50.00	0.00	1.62
v	Poultry farms with above 1000 birds	kWh/kVAh	50.00	0.00	5.00
vi	Mushroom & Rabbit Farms	kWh/kVAh	50.00	0.00	5.00
vii	Floriculture in Green House	kWh/kVAh	50.00	0.00	5.00
LTIII(B)	Industrial(SSI Units)				
	SSI Units	kVAh	0.00	150.00	5.00
	Off seasonal tariff for seasonal loads	kVAh	0.00	150.00	5.67
LT IV	**Cottage Industries, Dhobhi Ghats and Others**				
(A)	Cottage Indstr. & Dhobhi Ghats	kWh	10.00	0.00	2.67

CONSUMER CATEGORY		Rates for 2012-13			
		UNIT for levy of Energy Charges	HP/kW Charge (Rs/Month)	kVA Charge (Rs/Month)	Energy Charge (Rs./Unit)
(B)	Poultry farms upto 1000 birds	kWh	10.00	0.00	2.67
(C)	Agro Based Activity	kWh	10.00	0.00	2.67
LT V	**Agricultural**				
LT V(A)	Agricultural with DSM measures				
	Corporate Farmers & IT Assesses	kWh	0.00	0.00	2.50
	Wet Land Farmers (Holdings >2.5 acre)	kWh	*Rs.525/HP/ Year	0.00	0.50
	Dry Land Farmers (Connections >3nos.)	kWh	*Rs.525/HP/ Year	0.00	0.50
	Wet Land Farmers (Holdings <=2.5acre)	kWh	0.00	0.00	0.00
	Dry Land Farmers (Connections<=3nos.)	kWh	0.00	0.00	0.00
LT V(B)	Agricultural without DSM measures				
	Corporate Farmers & IT Assesses	kWh	0.00	0.00	3.50
	Wet Land Farmers (Holdings >2.5 acre)	kWh	*Rs.1050/HP /Year	0.00	1.00
	Dry Land Farmers (Connections >3nos.)	kWh	*Rs.1050/HP /Year	0.00	1.00
	Wet Land Farmers (Holdings <=2.5acre)	kWh	*Rs.525/HP/ Year	0.00	0.50
	Dry Land Farmers (Connections<=3nos.)	kWh	*Rs.525/HP/ Year	0.00	0.50
NOTE :	For LT lift irrigation schemes, if supply is made beyond 7 hrs. per day, such additional consumption shall be billed @ Rs.3.50 per unit.				
LT V(C)	Others				
	Salt farming units with Contracted Load upto 15HP $	kWh	0.00	0.00	2.12
	Rural Horticulture Nurseries $	kWh	0.00	0.00	2.12
LT VI	**Local Bodies, Street Lighting and PWS/RWS**				
LT VI(A)	Street Lighting				
	Minor Panchayats	kWh	0.00	0.00	2.37
	Major Panchayats	kWh	0.00	0.00	3.00
	Nagarpalikas & Municipalities (Gr 3)	kWh	0.00	0.00	3.79
	Municipalities (Gr 1&2)	kWh	0.00	0.00	4.09
	Municipalities Selection Special Group	kWh	0.00	0.00	4.50
	Corporations	kWh	0.00	0.00	5.00
LT VI(B)	PWS Schemes #				
LT VI(B)(i)	Minor/Major Panchayats				
	Upto 2500 units/Yr	kWh/kVAh	10.00	0.00	1.45
	Above 2500 units/Yr	kWh/kVAh	10.00	0.00	1.95
LT VI(B)(ii)	All Nagarpalikas & Municipalities				
	Upto 1000 units	kWh/kVAh	20.00	0.00	4.50
	More than 1000 units	kWh/kVAh	20.00	0.00	5.00

CONSUMER CATEGORY		Rates for 2012-13			
		UNIT for levy of Energy Charges	HP/kW Charge (Rs/Month)	kVA Charge (Rs/Month)	Energy Charge (Rs./Unit)
LT VI(B)(iii)	Municipal Corporations				
	Upto 1000 units	kWh/kVAh	30.00	0.00	5.00
	More than 1000 units	kWh/kVAh	30.00	0.00	5.25
LT VII	**General**				
LT VII(A)	General Purpose #	kWh/kVAh	0.00	20.00	4.50
LT VII(B)	Religious places $$				
	up to 200 units	kWh	10.00	0.00	2.60
	>200 units	kWh	10.00	0.00	4.50
LT VIII	**Temporary Supply #**				
LT VIII(A)	Agriculture	kWh/kVAh	0.00	0.00	3.00
LT VIII(B)	Other than Agriculture	kWh/kVAh	0.00	0.00	7.50
HT I	**Industrial**				
HT I(A)	General				
	11 kV	kVAh	0.00	250.00	4.80
	33 kV	kVAh	0.00	250.00	4.37
	132 kV and above	kVAh	0.00	250.00	3.97
	Lights and Fans				
	11 kV	kVAh	0.00	0.00	6.00
	33 kV	kVAh	0.00	0.00	5.82
	132 kV and above	kVAh	0.00	0.00	5.67
	Colony Consumption				
	11 kV	kVAh	0.00	0.00	4.50
	33 kV	kVAh	0.00	0.00	4.50
	132 kV and above	kVAh	0.00	0.00	4.50
	Seasonal Industries (off season tariff)				
	11 kV	kVAh	0.00	250.00	5.97
	33 kV	kVAh	0.00	250.00	5.35
	132 kV and above	kVAh	0.00	250.00	5.10
HT I(B)	Ferro Alloy Units				
	11 kV	kVAh	0.00	0.00	4.48
	33 kV	kVAh	0.00	0.00	4.05
	132 kV and above	kVAh	0.00	0.00	3.65
HT II	**Others**				
	11 kV	kVAh	0.00	250.00	5.97
	33 kV	kVAh	0.00	250.00	5.35
	132 kV and above	kVAh	0.00	250.00	5.10
HT III	**Aviation activity at Airports**				
	11 kV	kVAh	0.00	250.00	5.39
	33 kV	kVAh	0.00	250.00	4.86
	132 kV and above	kVAh	0.00	250.00	4.54

CONSUMER CATEGORY		Rates for 2012-13			
		UNIT for levy of Energy Charges	HP/kW Charge (Rs/Month)	kVA Charge (Rs/Month)	Energy Charge (Rs./Unit)
HT IV	**Irrigation and Agriculture**				
HT IV(A)	Government Lift Irrigation Schemes				
	11 kV	kVAh	0.00	0.00	3.25
	33 kV	kVAh	0.00	0.00	3.25
	132 kV and above	kVAh	0.00	0.00	3.25
HT IV(B)	Agriculture				
	11 kV	kVAh	0.00	0.00	0.00
	33 kV	kVAh	0.00	0.00	0.00
	132 kV and above	kVAh	0.00	0.00	0.00
NOTE : If the supply is made beyond 7 hrs. per day, such additional energy shall be billed at HT IV (A) rate.					
HT IV(C)	Composite protected water supply Schemes				
	11 kV	kVAh	0.00	0.00	2.00
	33 kV	kVAh	0.00	0.00	2.00
	132 kV and above	kVAh	0.00	0.00	2.00
HT V	**Railway Traction**	kVAh	0.00	0.00	5.43
HT VI	**Townships and Residential Colonies**				
	11 kV	kVAh	0.00	250.00	4.50
	33 kV	kVAh	0.00	250.00	4.50
	132 kV and above	kVAh	0.00	250.00	4.50
HT VII	**Green Power**				
	11 kV	kVAh	0.00	0.00	7.00
	33 kV	kVAh	0.00	0.00	7.00
	132 kV and above	kVAh	0.00	0.00	7.00
HT VIII	**Rural Electric Co-Operatives**				
	Anakapally	kWh	0.00	0.00	1.20
	Chipurupally	kWh	0.00	0.00	0.67
	Sircilla	kWh	0.00	0.00	0.66
	Kuppam	kWh	0.00	0.00	0.32
HT-IX	**Temporary**				
	11 kV	1.5 Times of the Tariff of Corresponding HT Consumer Category			
	33 kV				
	132 kV and above				
Other Tariffs at HT supply: Additional ToD tariff of Rs.1.00/kVAh will be applicable during 6 PM to 10 PM for HT-I(A) Industrial, HT-II Others , HT-III Aviation activity at airports.					
$ - Units with connected load more than 15 HP shall be billed under LT Category III Industrial tariff.					
$$ - With connected load above 1 kW shall be charged under LT VII(A) – General Purpose					
* - Equivalent Flat Rate Tariff					
# kVAh billing shall be done in respect of all services where LT Trivector meters are provided.					

TERMS AND CONDITIONS

a) Fuel Surcharge Adjustment

Fuel Surcharge Adjustment (FSA) is applicable to all categories as notified by the Commission from time to time as per the regulation.

c) Voltage Surcharge

H.T. consumers who are now getting supply at voltage different from the declared voltages and who want to continue taking supply at the same voltage will be charged as per the rates indicated below.

Sl. No	Contracted Demand with Licensee and other sources (in kVA)	Voltage at which Supply should be availed (in kV)	Voltage at which consumer is availing supply (in kV)	Rates % extra over the normal rates	
				Demand Charges	Energy Charges
For HT Consumers availing supply through common feeders					
1.	1501 to 5000	33	11	12%	10%
2.	Above 5000	132 or 220	66 or Below	12%	10%
For HT Consumers availing supply through independent feeders					
1	2501 to 10000 kVA	33	11	12%	10%
2	Above 10000 kVA	132 or 220	66 or Below	12%	10%

a) Additional charges for exceeding contracted demand

If in any month the recorded maximum demand (RMD) of the consumer exceeds his contracted demand with Licensee, the consumer will pay the following charges on excess demand and energy.

RMD over CMD	Demand Charges on Excess Demand	Energy Charges on full Energy
100 to 120%	2 times of normal charge	Normal
Above 120% and up to 200%	2 times of normal charge	1.15 times of normal charge
More than 200%	2 times of normal charge	1.20 times of normal charge
In case of Category-HT-V (Railway Traction), the energy charges shall be computed at 1.05 times of normal charges on the entire consumption, if RMD exceeds 120% of Contracted Demand		

e) Minimum Charges

Category No. Name of Category			Rates for the year 2012-13
LT categories			
I(A)	Domestic	Contracted load of 500 watts and below	
		Single Phase	Rs.25/Month
I(B)		contracted load of above 500 watts	
		Single Phase	Rs.50/Month
		Three Phase	Rs.150/Month

Category No. Name of Category			Rates for the year 2012-13
II	Non-domestic/ Commercial	Single Phase	Rs.65/Month
		Three Phase	Rs.200/Month
III (A)(ii)	Industrial Optional upto 100 HP		Billing demand shall be maximum demand recorded during the month or 80% of contracted demand whichever is higher and energy 50 kVAh/kVA of Billing Demand per month
III (B)	75–150HP		
VI (A)	Street Lighting	Panchayats	Rs.2/Point/Month
		Municipalities and Corpns.	Rs.6/Point/Month
VII	General Purpose	Single Phase	Rs.50/Month
		Three Phase	Rs.150/Month
VIII	Temporary Supply	Agriculture	Rs.100/HP of contracted load for the first 30 days or part thereof and Rs.50 per HP of contracted load for every Subsequent period of 15 days or part thereof
		Others	Rs.125/kW or part thereof of contracted load for first 30 days or part thereof and Rs. 75 per kW or part thereof of contracted load for every Subsequent period of 15 days or part thereof
HT Categories			
Minimum billing demand			Billing demand shall be maximum demand recorded during the month or 80% of contracted demand whichever is higher except HT-VI (i.e. township and residential colony, for this category the billing demand is Actual Demand Recorded)
I(A)	Industrial – General		50 kVAh/kVA of billing demand per month
I(B)	Ferro Alloys		Guaranteed energy off-take at 6701 **kVAh** per kVA per annum on Average Contracted Maximum Demand or Average Actual Demand whichever is higher. The energy falling short of 6701 **kVAh** per kVA per annum will be billed as deemed consumption
II	Non-Industrial		25 kVAh/kVA of billing demand

Category No. Name of Category		Rates for the year 2012-13
		per month
III	Aviation activity at airport	50 kVAh/kVA of billing demand per month
V	Railway Traction	32 kVAh /kVA of Contracted demand/ month
VI	Townships/Colonies	Billing demand shall be Actual Recorded demand. 25 Units/kVA of contracted demand/ month

f) Customer Charges

Consumer Category	Rs/month
LT-I(A) & I(B) Domestic	
0 - 50	25
51 - 100	30
101 - 200	35
201 - 300	40
>300	45
LT-II(A) & II(B) Non-Domestic/Commercial	
LT-II(A): Non-Domestic/Commercial	
0-50	30
51-100	35
>100	40
LT-II(C) Advertising Hoardings	45
LT-III(A) Industrial Normal upto 20 HP	50
LT-III(A) Industrial Normal 21 – 50 HP	200
LT-III(A) Industrial Normal 51 – 100 HP	750
LT-III(B) Industrial Optional	1125
LT-VII General Purpose	40
LT-VIII Temporary Supply	40
All other LT categories	30
HT consumer categories upto 66 kV	1125
HT consumer categories above 66 kV	2250

g) Delayed payment of Bills

LT – I(A)	Rs.10
LT-I(B),LT-IV	Rs.25
LT-II(A)	Rs.25
LT-II(B),LT-VI,LT-VII	1.5% of bill amount or Rs.75, whichever is higher
LT-III(A) & (B)	1.5% of bill amount or Rs.250, whichever is higher
HT	1.5% of bill amount or Rs.550, whichever is higher

h) Reconnection Charges

i) Low Tension Services.	
LT – I(A)	Rs.25
Overhead Services	Rs.75
U.G. Services	Rs.200
ii) High Tension Services	
11 KV	Rs.1000
33 KV	Rs.2000
132/220 KV	Rs.3000

i) Testing Charges

i) Installations	**LT**	**HT**
The first test and inspection of a new installation or of an extension to an existing installation.	Nil	Nil
Charges payable by the consumer in advance for each subsequent test and/or inspection if found necessary owing to any fault in the installation or to non-compliance of the conditions of supply.	Rs.20	Rs.200
ii) Meters	**LT**	**HT**
A.C. Single Phase Energy meter	Rs.100	
A.C. Three Phase Energy meter	Rs.300	
LT Tri Vector meter	Rs.2000	
11 kV		Rs.3000
33 kV		Rs.3000
132 kV		Rs.3000
220 kV & Above		Rs.3000
iii) Transformer Oils		
First sample of oil	Rs.150/-per sample	
Additional sample of oil of the same equipment received at the same time	Rs.100/-per sample	

j) Supervision/Inspection & checking charges

For LT I(A) Domestic	Rs. 100
For LT I(B) Domestic	Rs. 100
LT Agricultural	Rs. 100
For all other LT Categories	Rs. 100
For all HT Categories	Rs. 600

k) Low Power Factor Charges

For all consumer categories where kVAh billing is done, no power factor surcharge shall be levied.

- LT-III-A (i) Industry Normal: the fixed charges shall be computed based on Contracted Load or actual Recorded Demand, whichever is higher. For the purpose of billing, kVA shall be equal to HP.

- All other conditions as specified in Retail Supply Tariff Schedule included in the Tariff Order for FY 2012-13 will be applicable for the respective categories under LT and HT supply.

I) Seasonal Industry Notes

For LT III(A)(i) Seaslonal Industries Rs.50/HP/Month on 30% of contracted load.

For LT III(A)(ii) and LT III(B) Seasonal Industries Demand Charges of Rs.150/kVA/Month on recorded demand or 30% of contracted demand whichever is higher.

For HT Seasonal Industries Deamd Charges, applicable to respective voltage level on recorded demand or 30% of CMD whichever is higher.

Seed processing units shall be treated as Seasonal Industry with applicable terms and conditions in both LT and HT Categories.

Development Charges shall be collected on par with the Regular Consumers.

ANNEXURE-A(i)

EARLIER DIRECTIVES

1. Replacement of failed Distribution Transformers (DTRs)

a) The Licensees shall instruct their respective officials to lodge complaints with the police in the event of theft of DTR.

b) The complaint lodged by the farmers with the service team of the DISCOMs should be enough for them to start the process of replacement of DTR and take action. The licensee shall take steps to restore the supply by arranging another DTR in place of stolen DTR.

c) The Licensees shall display the details of replacement of failed DTRs (rating, place of failure and time taken for replacement) on daily basis at the Divisional, Sub-Divisional and Section offices.

2. Functioning of Consumer Grievances Redressal Forums (CGRFs)

a) The Licensees shall take all the required publicity measures like involving the local print and electronic media, extension programmes in schools, distribution of pamphlets and brochures etc., to increase awareness among all the consumers of electricity, and may also take the help of any voluntary agencies or NGOs.

b) The Licensees shall arrange all the inputs as required by the CGRFs to enable them to function independently and to enable them to conduct the hearings systematically and regularly in the jurisdiction of respective Licensees

c) The Licensees shall submit a quarterly report by 15th of the succeeding month, giving the details of the compliance with the orders issued by the CGRFs, duly posting them on the respective websites of the Licensees. The format shall be as under:-

Details of the compliance with the orders issued by the CGRFs in favour of the consumers

SNo	CGRF Order No and date	Name and address of complainant	Issue	VerdictOf CGRF	Compliance status	Reasons for delay in compliance, if any

3. Availability of Documents in Telugu

The Licensees are directed to make available all the important documents like agreements, General Terms and Conditions of Supply (GTCS) etc, in Telugu The copies shall also be posted on their websites.

4. Share of capacity in IPP expansion projects

The Licensees are directed to examine in terms of the existing PPAs, the National tariff policy and the provisions of the E.Act 2003, the legal feasibility of acquiring a share of power in such expansion projects and file a detailed report to the Commission by 31/05/2012 in case of each of the IPPs that are setting up expansion projects.

5. Awareness Programme to Forum Members and Functioning of Call Centres

The Licensees are directed to take steps to build greater awareness in employees deputed to Forums to be balanced and unbiased in the discharge of their duties. Further, the Licensees are directed to take proper action and ensure proper functioning of the call centres in attending to the calls of the consumers to get their problems pertaining to power supply resolved without delays.

6. AB Switches on HVDS Transformers

The Licensees are directed to submit details of progress made on providing AB switches to the HVDS Transformers shall be submitted to the Commission. An interim report shall be submitted by 31/10/2012 and final report by 31/12/2012.

7. DTR Location for Residential and Commercial Complexes

The Licensees are directed to issue notices in all such cases, where the transformers are erected outside the premises, directing the concerned to shift the transformers within 3 months into their respective premises. The

DISCOMs shall not henceforth extend power supply in all those cases where the transformers have been erected outside their premises. A consolidated quarterly compliance report on action taken may be sent to the Commission.

8. Safety

The Commission had given directions earlier in the matter.The directives should be complied with. This is a very serious matter and needs to be implemented on high priority. The Licensees are directed not to extend power supply by using 6.3 kV single phase distribution transformers without providing neutral wire from the sub station henceforth. In respect of all existing systems neutral wire shall be provided. Contravention of above direction will attract penal provisions under sec 142 of Electricity Act 2003.

ANNEXURE A(ii)

FRESH DIRECTIVES

1. Sales Estimation to LT-V: Agriculture

The Licensees are directed to estimate the consumption based on Commission approved new methodology and incorporate the results in detail in next Tariff filings without fail.

2. Deficit Situation and Supply to Agriculture

Licensees are directed to file a monthly report on energy input, sales to different categories with an explanation if there is a significant variation in supply & consumption by any consumer category.

3. Maximum Ceiling Price for Short Term Power Purchases

The Licensees are directed to submit monthly reports specifically enumerating the short term purchases made during the month including the sources from and rates at which such purchases were made.

4. Station wise deviations of actual quantum purchased and Fixed & Variable Costs

The Commission directs the DISCOMs to submit monthly statements on station wise deviations of actual quantum purchased and Fixed & Variable Costs thereof compared to the respective values taken in the Tariff Order. Such reports must be submitted with in 30 days of completion of each month.

5. Energy Conservation

Licensees are directed to submit a 'detailed report' depicting the circle wise details of the studies made by the committee constituted under the chairmanship of CMD, EPDCL for conservation of energy, recommendations of the committee and the energy saved on adoption of these recommendations, by 30.06.2012, duly posting all such details on the respective websites of the DISCOMs.

6. Administration of Subsidy

The Licensees are directed to submit to the Commission by 15th of every month a status report on payment of subsidy amounts agreed to paid by the Government under section 65 of the E.Act,2003.

7. Agricultural consumption estimate

Under fresh Directives No. 2 of the Tariff Order for FY 2011-12, the Licensees were directed to report the progress on implementation of new methodology to estimate on Agricultural consumption, on their respective websites. But, the progress achieved in this regard is observed to be very poor.

The DISCOMs have taken up the work of executing the HVDS scheme for 11 kV Agricultural feeders. In this regard, the Licensees are directed to furnish the report on fixing of meters to each of the transformers covered under HVDS scheme, within one month. Also, the DISCOMs are directed to furnish the mid-year report (i.e. for the period from 01-04-2012 to 30-09-2012) on meter-wise readings noted and transformer-wise, feeder-wise consumptions measured on all the DTRs & feeders covered under HVDS scheme.

8. Malpractices & Theft

The Licensees are directed to submit quarterly report furnishing the details of number of cases inspected, number of cases booked, nature of offence such as multiple connections, category change, meter by-passing, supply utilised for under disconnection services, supply extended to other tariff category, direct tapping etc., amounts assessed and amounts recovered and post the same on their respective websites.

9. Categorisation of Agricultural Consumers

The Licensees are directed to submit a quarterly report on paid categories of LT-V: Agricultural services by each sub category duly mentioning number of consumers billed, units billed and bill amount.

10. Age-wise arrears from all Municipalities, Panchayats, and all Govt. Departments

The Licensees are directed to furnish the age-wise, year-wise electricity consumption bill arrears from various municipalities, Panchayats and all various Government departments till date may be prepared on circle-wise along with penalties levied may be submitted to the Commission latest by 30th June 2012. Besides, remarks may also be stated with regard to the actions so far initiated for prompt collection of dues and reasons for such long-pendency of amounts and present status on such dues.

11. Category changes booked under malpractice grounds

The Licensees are booking the cases under malpractice on change of categories and subsequently reverting/dropping the cases to original category. In this regard the Licensees are directed to provide with full details every quarter , of those consumer categories whose was booked under category change case and subsequently, those booked cases were dropped/reverted without initiating any action for change of category. While submitting the report on such cases, remarks may be given with adequate reason for dropping the cases without any action.

ANNEXURE B (i)

ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

From
Secretary,
APERC,
#11-4-660, 5th Floor,
Singareni Bhavan, Red Hills,
Hyderabad – 500 004.

To
The Chairman & Managing Director
APEPDCL: Vishakapatnam

The Chairman & Managing Director
APSPDCL: Tirupathi

The Chairman & Managing Director
APNPDCL: Warangal

The Chairman & Managing Director
APCPDCL: Hyderabad

Lr.No. APERC/Secy/DD(EAS)/ ARR for RSB Fy 2012-13/Dt 18-10-11

Sir,

Sub:-APDISCOMs-ARR Filing for RSB 2012-13- Annual Filing of ARR for Retail Supply Business from here on and specifically for the Control Period 2009-14-Reg

Ref: 1. Lr.No. CGM(Comml & RAC)/SE(IPC)/DE(RAC)/F. D.No 222/11, Dt 28-09-2011
2. Lr.No. CMD/EP /VSP/CGM(C,R&P)/GM(R&P)/F:dkt/D.No 2084/11, Dt 28-09-11
3. Lr.No CGM/P&RAC/NPDCL/Wgl/F. ARR 2012-13/D.No 269/11, Dt 29-09-2011
4. Lr.No. CMD/SPDCL/TPT/Dir/RAC/GM/RAC/F.ARR/D.No 209/11, Dt 24-09-2011

****

Your attention is invited to the letters cited above requesting the Commission to permit submission of Aggregate Revenue Requirement (ARR) for Retail Supply Business on annual basis atleast for FY 2012-13 citing certain reasons as mentioned therein.

In this context, I am to state that the Commission having examined your request and in the circumstances, hereby accords permission to all the DISCOMs to submit their Aggregate Revenue Requirement (ARR) for Retail Supply Business on annual basis for FY 2012-13.

Yours faithfully,

P. Solomon Herme

Secretary c.c

(P.Solomon Herme)

Copy to,

The Principal Secretary, Department of Enegy, GoAP, Hyderabad.

The CMD/APTRANSCO/Vidyuth Soudha – Hyderabad

PS to the Chairman /APERC

PS to the Member/Fin / APERC

ANNEXURE B (ii)

ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

From

Secretary, APERC,
#11-4-660, 4th & 5th Floors,
Singareni Bhavan, Red Hills,
Hyderabad – 500 004 A.P.

To

The CMD/APCPDCL/Hyderabad
The CMD/APEPDCL/Visakhapatnam
The CMD/APNPDCL/Warangal
The CMD/APSPDCL/Tirupathi

Lr.No.APERC/Secy/S-529(7)/2011, Dated 24-12-2011

Sir,

Sub: - APERC – Petition filed seeking extension of time for filing the ARR for FY 2012-13 – Reg.

Ref: - 1) Your petition for extension of time for filing ARR Dt 29-11-2011
2) Your petition for extension of time for filing ARR Dt 20-12-2011

-*****-

With reference to the petitions cited, I am directed to inform that the Commission has granted extension of time upto 31-12-2011 for filing ARR for FY 2012-13. It is further informed that no further extension will be granted in this regard.

Yours faithfully,

24/12/11

SECRETARY

Copy to:

The CMD/APTRANSCO/Vidyut Soudha/Hyderabad
The Director (Law)/APERC
The Director (Tariff)/APERC
The Director (Engineering)/APERC
P.S. to Chairman/APERC
P.S. to Member (Finance)/APERC

for information

APERC
HYDERABAD
959/11
24 DEC 2011
DESPATCHED

ANNEXURE B (iii)

BEFORE THE HONOURABLE ANDHRA PRADESH

D.No. 11-4-660, 4th & 5th Floors, Singarer

CENTRAL POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED (CPDCL)

PUBLIC NOTICE

1. Notice is hereby given to all that the Distribution Company viz. Central Power Distribution Company of A.P.Ltd. (APCPDCL) holding Distribution and Retail Supply Licence No.13/2000, effective from 01-04-2001 and owned by the State Government, has filed before the A.P.Electricity Regulatory Commission (APERC) the Aggregate Revenue Requirement (ARR) and Tariff application for its Retail supply business for the F.Y 2012-13 on 26-12-2011. These filings are taken on record by the Hon'ble Commission in O.P.No. 04 of 2012.
2. Copies of the filings and application referred are available in the Office of the Chief General Manager (Commercial & RAC) of the Distribution Company's headquarters at Hyderabad (APCPDCL, 2nd Floor, Mint Compound, Hyderabad - 500 063) and all Superintending Engineers In-charge of Operation Circles of the Distribution Company at Hyderabad (North), Hyderabad (South), Hyderabad (Central), Rangareddy (North), Rangareddy (South), Rangareddy (East), Mahaboobnagar, Sangareddy, Nalgonda, Kurnool and Anantapur. A copy of these filings can be obtained from the above offices from 5th Jan, 2012 onwards on payment of Rs.100/-(By cash). Also, a summary of ARR and Tariff filings in English or Telugu can be separately obtained on payment of Rs.10/-(By cash).
3. Interested persons may inspect / peruse the said ARR and tariff proposals and take note thereof during office hours at any of the said offices free of charge. These proposals are also available on www.apcentralpower.com and the same may be accessed at www.aperc.gov.in
4. The tariffs and charges for retail supply to consumers proposed by the DISCOM for 2012-13 are indicated in the Schedule below.
5. Objections/suggestions if any, on the ARR filings and Tariff/Charges proposed by the Distribution Company, together with supporting material may be filed (in 6 copies) with the Secretary, APERC, at the address mentioned above in person or through Registered Post so as to reach him on or before 3rd Feb., 2012 (by 05.00 PM). A copy of the same must also be served on Chief General Manager (Commercial & RAC), APCPDCL, 2nd Floor, Mint Compound, Hyderabad - 500 063 in the corporate office of the APCPDCL and proof of service of the same may also be enclosed to the filing made to Secretary, APERC. The objections/suggestions should be duly signed and should carry full name and postal address of the person(s) sending the objections/suggestions. If the objections/suggestions are filed on behalf of any organization or any category of consumers, it should be so mentioned. If the objector also wants to be heard in person it may also be specifically mentioned so. The Objection/Suggestion should accompany the following statement as an overleaf.

Name & full address of the Objector	Brief details of Objection (a)/ Suggestion (a)	Objections against Tariff proposal of APCPDCL	Whether copy of Objection & proof of delivery at Licensee's office enclosed(Yes/No)	Whether Objector wants to be heard in person (Yes/No)

6. After perusing the objections/suggestions received in response to this notice the Hon'ble Commission may invite such persons, as it considers appropriate and conduct hearings on dates to be notified by the Commission.

Date : 5th Jan, 2012
Place : Hyderabad

CHAIRMAN & MANAGING DIRECTOR
CENTRAL POWER DISTRIBUTION COMPANY OF A.P.LTD.

EASTERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED (EPDCL)

PUBLIC NOTICE

1. Notice is hereby given to all that the Distribution Company viz. Eastern Power Distribution Company of A.P.Ltd. (APEPDCL) holding Distribution and Retail Supply Licence No.12/2000, effective from 01-04-2001 and owned by the State Government, has filed before the A.P.Electricity Regulatory Commission (APERC) the Aggregate Revenue Requirement (ARR) and Tariff application for its Retail supply business for the FY 2012-13 on 26-12-2011. These filings are taken on record by the Hon'ble Commission in O.P.No. 01 of 2012.
2. Copies of the filings and application referred are available in the Office of the Chief General Manager (Comml, RAC & Plg.) of the Distribution Company's headquarter at Visakhapatnam (APEPDCL, 2nd Floor, Near Gurudwar, P & T Colony, Seethammadara, Visakhapatnam - 530 013) and all Supe-Intending Engineers In-charge of Operation Circles of the Distribution Company at Visakhapatnam, Srikakulam, Vizianagaram, Rajahmundry and Eluru. A copy of these filings can be obtained from the above offices from 5th Jan, 2012 onwards on payment of Rs.100/- (By cash). Also, a summary of ARR and Tariff filings in English or Telugu can be separately obtained on payment of Rs.10/-(By cash).
3. Interested persons may inspect / peruse the said ARR and tariff proposals and take note thereof during office hours at any of the said offices free of charge. These proposals are also available on www.easternpower.com and the same may be accessed at www.aperc.gov.in
4. The tariffs and charges for retail supply to consumers proposed by the DISCOM for 2012-13 are indicated in the Schedule below.
5. Objections/suggestions if any, on the ARR fillings and Tariff/Charges proposed by the Distribution Company, together with supporting material may be filed (in 6 copies) with the Secretary, APERC, at the address mentioned above in person or through Registered Post so as to reach him on or before 3rd Feb., 2012 (by 05.00 PM). A copy of the same must also be served on the Chief General Manager (Comml., RAC & Plg.), APEPDCL, 2nd Floor, Near Gurudwar, P & T Colony, Seethammadara, Visakhapatnam - 530 013 in the corporate office of the APEPDCL and proof of service of the same may also be enclosed to the filing made to Secretary, APERC. The objections/suggestions should be duly signed and should carry full name and postal address of the person(s) sending the objections/suggestions. If the objections/suggestions are filed on behalf of any organization or any category of consumers, it should be so mentioned. If the objector also wants to be heard in person it may also be specifically mentioned so. The Objection/Suggestion should accompany the following statement as an overleaf.

Name & full address of the Objector	Brief details of Objection (a)/ Suggestion (a)	Objections against Tariff proposal of APEPDCL	Whether copy of Objection & proof of delivery at Licensee's office enclosed(Yes/No)	Whether Objector wants to be heard in person (Yes/No)

6. After perusing the objections/suggestions received in response to this notice the Hon'ble Commission may invite such persons, as it considers appropriate and conduct hearings on dates to be notified by the Commission.

Date : 5th Jan, 2012
Place : Visakhapatnam

CHAIRMAN & MANAGING DIRECTOR
EASTERN POWER DISTRIBUTION COMPANY OF A.P.LTD.

SCHEDULE

Retail supply Tariff / Charges to various consumers (LT. & H.T.) under Retail supply Business for FY 2012-13

Consumer Category		Fixed \Charge (Rs/HP/Month)	Demand Charge (Rs/KVA/Month)	Energy Charge (Rs/unit)
LT I	DOMESTIC (Unit for levy of energy charges is kWh)			
LT IA	Domestic (BPL Consumers) **			
	Slab (0-50)	0.00	0.00	1.45
LT IB	Domestic			
	Slab 1 (0-100)	0.00	0.00	2.60
	Slab 2 (101-200)	0.00	0.00	3.60
	Slab 3 (201-300)	0.00	0.00	5.75
	Slab 4 (301-500)	0.00	0.00	6.75
	Slab 5 (>500)	0.00	0.00	7.00
LT II	NON-DOMESTIC/COMMERCIAL # (Unit for levy of energy charges is kWh/kVAh)			
LT II(A)	Small Commercial Establishments **			
	Slab (0-50)	0.00	0.00	3.85
LT II (B)	NON DOMESTIC / COMMERCIAL			
	Slab 1 (0-100)	0.00	0.00	6.00
	Slab 2 (>100)	0.00	0.00	7.00
LT II(C)	Advertising Hoardings	0.00	0.00	8.50
LT III	INDUSTRY #			
LT III(A)	INDUSTRY NORMAL (Upto 15HP)(Unit for levy of energy charges is kWh/kVAh)			
III	Industry Normal	50.00	0.00	5.00
	Off Seasonal Tariff for Seasonal Loads	50.00	0.00	5.67
	Poultry Farms with more than 1000 birds	50.00	0.00	5.00
	Mushroom production Farms, Rabbit Farms	50.00	0.00	5.00
	Floriculture in Green-Houses	50.00	0.00	5.00
	Plasiculture, Prawn culture	50.00	0.00	1.25
	Sugarcane crushing (Unit for levy of energy charges is kWh)	50.00	0.00	0.75
(a)	(Unit for levy of energy charges is kVAh)			
	Industry Optional	0.00	150.00	5.00
	Off Seasonal Tariff for Seasonal Loads	0.00	150.00	5.67
LT III(B)	INDUSTRY (OPTIONAL) (16 HP-50HP) (Unit for levy of energy charges is kVAh)			
	SSI Units	0.00	150.00	5.00
	Off Seasonal Tariff for Seasonal Loads	0.00	150.00	5.67
LT IV	COTTAGE INDUSTRIES AND OTHERS (Unit for levy of energy charges is kWh)			
LT IV(A)	COTTAGE INDUSTRIES AND DOBHI GHATS	10.00	0.00	1.80
LT IV(B)	Poultry Farms			
	up to 1000 Birds	10.00	0.00	1.80
LT IV(C)	Agro Based Activities	10.00	0.00	1.80
LT V(A)	IRRIGATION AND AGRICULTURE (Unit for levy of energy charges is kWh)			
	With DSM Measures			
	Corporate Farmers & IT Assesses	0.00	0.00	1.50
	Wet Land Farmers (Holdings >2.5 acre)	*Rs. 315/HP/Year	0.00	0.30
	Dry Land Farmers (Connections > 3nos.)	*Rs. 315/HP/Year	0.00	0.30
	Wet Land Farmers (Holdings <= 2.5 acre)	0.00	0.00	0.00
	Dry Land Farmers (Connections <=3nos) Without DSM Measures	0.00	0.00	0.00
	Corporate Farmers & IT Assesses	0.00	0.00	2.50
	Wet Land Farmers (Holdings >2.5 acre)	*Rs. 705/HP/Year	0.00	0.75
	Dry Land Farmers (Connections > 3nos)	*Rs. 705/HP/Year	0.00	0.75
	Wet Land Farmers (Holdings <= 2.5acre)	*Rs. 315/HP/Year	0.00	0.30
	Dry Land Farmers (Connections <=3nos)	*Rs. 315/HP/Year	0.00	0.30
LT V(A)I	Self-farming units with connected load upto 15HP$	0.00	0.00	1.00
LT V(A)II	Rural Horticulture Nurseries	0.00	0.00	1.00
LT VI	LOCAL BODIES, STREET LIGHTING AND PWS SCHEMES			
LT VI (A)	Street Lighting (Unit for levy of energy charges is kWh)			
	Minor Panchayats	0.00	0.00	1.87
	Major Panchayats	0.00	0.00	2.50
	Nagarpalikas & Municipalities (Gr-3)	0.00	0.00	3.75
	Municipalities (Gr-1&2)	0.00	0.00	4.00
	Municipalities Selection / Spl. Gr.	0.00	0.00	4.50
	Municipal Corporations	0.00	0.00	5.00
LT VI(B)	PWS Schemes # (Unit for levy of energy charges is kWh/kVAh)			
	Minor/ Major Panchayats			
	Up to 2500 units/Yr	10.00	0.00	0.70
	Above 2500 units/Yr		0.00	1.00
	All Nagarpalikas & Municipalities			

	Up to 1000 units	20.00	0.00	4.50
	Balance units		0.00	5.00
	Municipal Corporations			
	Up to 1000 units	30.00	0.00	5.00
	Balance units		0.00	5.25
LT V(B)	GENERAL PURPOSE # (Unit for levy of energy charges is kWh/kVAh)	20.00	0.00	4.50
LT VI(B)	Religious Places with Connected LoadUp to 1 kW && (Unit for levy of energy charges is kWh)			
	Up to 200 units	10.00	0.00	2.00
	Balance units		0.00	4.00
LT VII	TEMPORARY SUPPLY # (Unit for levy of energy charges is kWh/kVAh)			
	Temporary Supply to Agriculture	0.00	0.00	2.30
	Temporary Supply (other than Agriculture)	0.00	0.00	6.62

NOTE ON LT CATEGORIES:

$- Units with connected load more than 15 HP shall be billed under LT Category III – Industrial tariff.

$$- With connected load above 1KW shall be charged under LT-VII(A)- General

* - Equivalent flat rate tariff

- kVAh Billing shall be done in respect of all services where LT Transcutr meters are provided.

** - For existing consumers :

Consumers with consumption less than 360 units per year and connected load less than 500 watt belongs to this category.

For new consumers:

Consumers with connected load less than 500 watts belongs to this category.

For all HT Categories Unit for levy of energy charges is kVAh

HT I(A)	INDUSTRY - GENERAL (Including Ferro Alloys)			
	132 KV and above	0.00	250.00	3.97
	33KV	0.00	250.00	4.57
	11 KV	0.00	250.00	4.80
	Lights and Fans			
	132 KV and above	0.00	0.00	4.67
	33KV	0.00	0.00	4.75
	11 KV	0.00	0.00	4.72
	Colony			
	132 KV and above	0.00	0.00	4.50
	33KV	0.00	0.00	4.50
	11 KV	0.00	0.00	4.50
	Seasonal Industries			
	132 KV and above	0.00	250.00	4.10
	33KV	0.00	250.00	4.20
	11 KV	0.00	250.00	4.80
HT I(A)	TIME OF DAY TARIFF (In addition to normal Tariff) (06PM to 10PM)			1.00
HT II	OTHERS			

ELECTRICITY REGULATORY COMMISSION (APERC)

Bhavan, Red Hills, HYDERABAD - 500 004.

NORTHERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED (NPDCL)

PUBLIC NOTICE

1. Notice is hereby given to all that the Distribution Company viz. Northern Power Distribution Company of A.P.Ltd. (APNPDCL) holding Distribution and Retail Supply License No.14/2000, effective from 01-04-2001 and owned by the State Government, has filed before the A.P.Electricity Regulatory Commission (APERC) the Aggregate Revenue Requirement (ARR) and Tariff application for its Retail supply business for the F.Y 2012-13 on 26-12-2011. These filings are taken on record by the Hon'ble Commission in O.P.No. 02 of 2012.
2. Copies of the filings and application referred are available in the Office of the Chief General Manager (P & RAC) of the Distribution Company's headquarters at Warangal (APNPDCL, 1-1-503&504, Chaitanyapuri, Opp. NIT Petrol Bunk, Hanamkonda - 506 004) and all Superintending Engineers In-charge of Operation Circles of the Distribution Company at Warangal, Khammam, Karimnagar, Nizamabad and Adilabad. A copy of these filings can be obtained from the above offices from 5th Jan, 2012 onwards on payment of Rs.100/- (By cash). Also, a summary of ARR and Tariff filings in English or Telugu can be separately obtained on payment of Rs.10/-(By cash).
3. Interested persons may inspect / peruse the said ARR and tariff proposals and take note thereof during office hours at any of the said offices free of charge. These proposals are also available on www.apnpdcl.in and the same may be accessed at www.aperc.gov.in
4. The tariffs and charges for retail supply to consumers proposed by the DISCOM for 2012-13 are indicated in the Schedule below.
5. Objections/suggestions if any, on the ARR filings and Tariff/Charges proposed by the Distribution Company, together with supporting material may be filed (in 6 copies) with the Secretary, APERC, at the address mentioned above in person or through Registered Post so as to reach him on or before 3rd Feb, 2012 (by 05.00 PM). A copy of the same must also be served on Chief General Manager (P & RAC), APNPDCL, 1-1-503&504, Chaitanyapuri, Opp. NIT Petrol Bunk, Hanamkonda - 506 004 in the corporate office of the APNPDCL and proof of service of the same may also be enclosed to the filing made to Secretary, APERC. The objections/suggestions should be duly signed and should carry full name and postal address of the person(s) sending the objections/suggestions. If the objections/ suggestions are filed on behalf of any organization or any category of consumers, it should be so mentioned. If the objector also wants to be heard in person it may also be specifically mentioned so. The Objection/Suggestion should accompany the following statement as an overleaf.

Name & full address of the Objector	Brief details of Objection (s)/ Suggestion (s)	Objections against Tariff proposal of APNPDCL	Whether copy of Objection & proof of delivery at Licensee's office enclosed(Yes/No)	Whether Objector wants to be heard in person (Yes/No)

6. After perusing the objections/suggestions received in response to this notice the Hon'ble Commission may invite such persons, as it considers appropriate and conduct hearings on dates to be notified by the Commission.

Date : 5th Jan, 2012
Place : Warangal

CHAIRMAN & MANAGING DIRECTOR
NORTHERN POWER DISTRIBUTION COMPANY OF A.P.LTD.

	132 KV and above	0.00	250.00	5.10
	33KV	0.00	250.00	5.35
	11 KV	0.00	250.00	5.97
HT II	TIME OF DAY TARIFF (in addition to normal Tariff) (06PM to 10PM)			1.00
HT IV	IRRIGATION AND AGRICULTURE			
HT IV-A	Govt. Lift Irrigation Schemes	0.00	0.00	2.60
HT IV-B	Agricultural	0.00	0.00	0.60
HT IV-C	Composite Protected Water Supply Schemes	0.00	0.00	1.00
HT V	RAILWAY TRACTION	0.00	0.00	5.75
HT VI	TOWNSHIPS AND RESIDENTIAL COLONIES	0.00	250.00	4.80
HT VII	GREEN POWER (OPTIONAL)	3.00	0.00	6.70

Other Tariffs at HT supply :

i. Rural Electric Supply Co-operative Societies (Resco)

Cheyumpalli Resco	:Rs.1.28 per kVAh
Anakapalle Resco	:Rs.1.43 per kVAh
Srikrlla Resco	:Rs.0.67 per kVAh
Kuppam Resco	:Rs 0.30 per kWh

The tariff for Temporary supply to new consumers or temporary increase in supply to existing consumers shall be at rates 50% in excess of HT tariffs of the respective category.

Notes on Seasonal Industry

For LT-III A (i) Seasonal Industries: Fixed charges of Rs.50/HP/Month on 30% of contracted load.

For LT-III (A)-(ii) and LT-III (B)-Seasonal Industries: Demand Charges of Rs.150 / KVA/month on recorded demand or 90% of contracted demand which ever is higher.

For HT Seasonal Industries: Demand Chargee applicable to respective voltage level on recorded demand or 30% of CMD which ever is higher.

Fuel Surcharge Adjustment

Fuel Surcharge Adjustment (FSA) shall be applicable as per the Regulations notified by the Commission from time to time.

Minimum charges

LT categories

Category No.	Purpose		Rates for the year 2012-13
I (A)(i)	Domestic	Single Phase upto 500 W of connected load	Rs.25/Month
		above 500W of connected load	Rs.50/Month
		Three Phase	Rs.150/Month
	Non-domestic/ Commercial	Single Phase	Rs.65/Month
		Three Phase	Rs.200/Month
I (A)(ii) (B)	Industrial Optional 101-150HP		Recorded/demand during the month or 90% of contracted demand whichever is higher and 50 Units (kVAh) per kVA of Billing Demand/per month
I (A)	Street	Panchayats	Rs.2/Point/Month
	Lighting	Municipalities and Corpns.	Rs.6/Point/Month
VII (A)	General Purpose	Single Phase	Rs.50/Month
		Three Phase	Rs.150/Month
VII	Temporary Supply	Agriculture	Rs.100/HP of contracted load for the first 30 days or part thereof and Rs.50 per HP of contracted load for every Subsequent period of 15 days or part thereof
		Others	Rs.125/kW or part thereof of contracted load for first 30 days or part thereof and Rs. 75 per kW or part thereof of contracted load for every Subsequent period of 15 days or part thereof

HT Categories

Minimum billing demand	Recorded demand during the month or 90% of contracted demand whichever is higher

Min.Energy Charges

Category No.	Purpose	Rates for the year 2012-13
I (A)	Industrial – General (including Pano Alloys)	50 Units (kVAh) per kVA of billing demand per month
II	Non-Industrial	25 Units(kVAh) per kVA of billing demand per month
V	Railway Traction	30 Units(kVAh)per kVa of Contracted demand/ month
VI	Township/Colonies	50 Units(kVAh) per kVa of contracted demand/ month

Customer Charges

The Customer charges, are as given below.

Consumer Category	Rs/month
LT CATEGORIES	
Category I Domestic	
0 - 50	25.00
51 - 100	30.00
101 - 200	38.00
201 - 300	40.00
301 - 500	45.00
>500	45.00
Category II Non-Domestic/Commercial	
0 - 50	30.00
51 - 100	35.00
> 100	40.00
LT-II (C) Advertising hoardings	40.00
Category VII - General purpose	40.00
Category VIII - Temporary supply	40.00
LT-III (B) Industrial optional (as applicable to HT THV supply)	1125.00
All other LT categories	50.00
HT Categories	
(a) 66 kV and below	1125.00
(b) 132 /220 kV	2250.00

LT-III-A (i) Industry Normal: The fixed charges shall be computed based on Contracted Load or actual Recorded Demand, whichever is higher. For the purpose of billing, KVA shall be equal to HP

Gist of other Tariff Proposals :

1. Removal of condition for blocking of leading kVARh in the meters for kVAh billing.
2. Seperate category of HT and Tariff for consumers who have alternate supply source.
3. Levying penalties during the period when R & C measures are in place. Details are available in the ARR filings which are placed in respective company's website.
4. Defaulter Fee structure proposed in place of existing delayed payment surcharge is as follows.

Category	Proposed Defaulter Fee (Rs/default)
LT - I(A) Domestic (BPL)	Rs. 10/-
LT - I (B) Domestic, LT IV,	Rs. 25/-
LT - II (A) Commercial (SCE)	Rs. 25/-
LT - II (B), (C), LT-VI, LT-VII, LT-VIII	1.5% of bill amount or Rs. 75/- whichever is higher
LT - Industrial, HT	1.5% of bill amount or Rs. 250/- whichever is higher
	1.5% of bill amount or Rs. 550/- whichever is higher

5. The revised reconnection fee are as follows

Category	Proposed Fee (Rs./Reconnection)
LT - I(A) Domestic (BPL)	50
LT - Overhead	100
LT - Underground	200
HT - 11 KV	1,000
HT - 33 KV	2,000
HT - 132 KV	3,000

6. The revised supervision / inspection fee are as follows

Category	Proposed Fee (Rs./Inspection)
LT - I (A) Domestic (BPL)	100
LT - Agriculture	100
LT - Other	300
HT	600

7. The revised meter testing fee are as follows

Category	Proposed Fee (Rs./Testing)
AC Single Phase Meter	100
AC Three Phase Meter	200
11 KV	3000
33 KV	3000
132 KV	3000
220 KV & Above	3000

8. The cross-subsidy surcharge for various categories of open access consumers for FY 2012-13 are proposed (details are available in ARR filings placed in the respective company's website)

The tariffs are exclusive of electricity duty. Electricity duty is payable as per the provisions of AP Electricity duty act, 1939 as amended from time to time.

All other conditions as specified in Retail Supply Tariff Schedule included in Tariff Order for FY 2012-13 will be applicable for the respective categories under LT and HT supply.

Save Energy and Help The Nation

SOUTHERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED (SPDCL)

PUBLIC NOTICE

12

1. Notice is hereby given to all that the Distribution Company viz. Southern Power Distribution Company of A.P.Ltd. (APSPDCL) holding Distribution and Retail Supply Licence No.15/2000, effective from 01-04-2001 and owned by the State Government, has filed before the A.P.Electricity Regulatory Commission (APERC) the Aggregate Revenue Requirement (ARR) and Tariff application for its Retail supply business for the F.Y 2012-13 on 26-12-2011. These filings are taken on record by the Hon'ble Commission in O.P.No. 03 of 2012.
2. Copies of the filings and application referred are available in the Office of the Chief General Manager (Operation) of the Distribution Company's headquarters at Tirupathi (APSPDCL, D.No. 19-13-65/A, Srinivasapuram, Tiruchanur Road, Tirupathi - 517 503) and all Superintending Engineers In-charge of Operation Circles of the Distribution Company at Vijayawada, Guntur, Ongole, Nellore, Tirupathi and Kadapa. A copy of these filings can be obtained from the above offices from 5th Jan, 2012 onwards on payment of Rs.100/-(By cash). Also, a summary of ARR and Tariff filings in English or Telugu can be separately obtained on payment of Rs.10/-(By cash).
3. Interested persons may inspect / peruse the said ARR and tariff proposals and take note thereof during office hours at any of the said offices free of charge. These proposals are also available on www.apspdcl.in and the same may be accessed at www.aperc.gov.in
4. The tariffs and charges for retail supply to consumers proposed by the DISCOM for 2012-13 are indicated in the Schedule below.
5. Objections/suggestions if any, on the ARR filings and Tariff/Charges proposed by the Distribution Company, together with supporting material may be filed (in 6 copies) with the Secretary, APERC, at the address mentioned above in person or through Registered Post so as to reach him on or before 3rd Feb, 2012 (by 05.00 PM). A copy of the same must also be served on Chief General Manager (Operation), APSPDCL, D.No. 19-13-65/A, Srinivasapuram, Tiruchanur Road, Tirupathi - 517 503 in the corporate office of the APSPDCL and proof of service of the same may also be enclosed to the filing made to Secretary, APERC. The objections/suggestions should be duly signed and should carry full name and postal address of the person(s) sending the objections/suggestions. If the objections/ suggestions are filed on behalf of any organization or any category of consumers, it should be so mentioned. If the objector also wants to be heard in person it may also be specifically mentioned so. The Objection/Suggestion should accompany the following statement as an overleaf.

Name & full address of the Objector	Brief details of Objection (s)/ Suggestion (s)	Objections against Tariff proposal of APSPDCL	Whether copy of Objection & proof of delivery at Licensee's office enclosed(Yes/No)	Whether Objector wants to be heard in person (Yes/No)

6. After perusing the objections/suggestions received in response to this notice the Hon'ble Commission may invite such persons, as it considers appropriate and conduct hearings on dates to be notified by the Commission.

Date : 5th Jan, 2012
Place : Tirupathi

CHAIRMAN & MANAGING DIRECTOR
SOUTHERN POWER DISTRIBUTION COMPANY OF A.P.LTD.

Public Notice in Andhra Jyothy Eenadu Vaartha etc.

ANNEXURE B (iv)

గౌరవనీయ ఆంధ్రప్రదేశ్ ఎలక్ట్రిసిటీ రెగ్యులే

డోర్. నెం. 11-4-660, 4వ మరియు 5వ అంతస్తు, ?

ఈస్టర్న్ పవర్ డిస్ట్రిబ్యూషన్ కంపెనీ ఆఫ్ ఆంధ్రప్రదేశ్ లిమిటెడ్

బహిరంగ ప్రకటన

1. ఇందుమూలంగా ఇటిసిఐఎల్ పరిధిలోని యూనివర్సిటీ పాలనాధికారి ఏమేరకు ప్రభుత్వ యూజమాన్యంలోని మరియు 1-4-2001 కేంద్ర మంత్రి పత్రికా ప్రకటన నెం.15/2000) తేదీ ఉన్న సంబంధిత పవర్ పర్చేజ్ అగ్రిమెంట్ కంపెనీ ఆఫ్ ఆంధ్రప్రదేశ్ లిమిటెడ్ (ఎపిసిపిఐఎల్), 2012-13 సంవత్సరానికిగాను మిగతా అదనపు అవశ్యక సహకారాన్ని (ఎఆర్ఆర్) మరియు రిటైల్ సప్లై టారిఫ్ మరియు చార్జీల కమిషన్ (ఎపిఇఆర్సి) నిమిత్తం ఆమోదం కొరకు 26-12-2011 తేదీన ప్రతిపాదనలు దాఖలుచేసింది. ఈ ప్రతిపాదనలు సమర్పించబడ్డాయి. ఈ ప్రతిపాదనను కొనసాగించడానికి కమిషనర్ తేదీ 6.2. నెం.03/2012 గా సమాచారం చేయబడింది.

2. పైన 15 పేరాలో పేర్కొన్న ప్రైసింగ్ ప్రతిపాదన లేదా అదనపు సమాచారం కోసం ఇంకా ఏమైనా వివరణలు, కార్యాలయం, పాలసీ ప్రతిపాదనలు (ఎపిఇఆర్సి), 5వ అంతస్తు, సర్వీస్ టాక్స్ భవనం, పీకే కాంప్లెక్స్, విజయవాడ-520013(ఎపి)నందలి కార్యాలయం వద్ద అభ్యర్థులు, శ్రీకాకుళం, విజయనగరం, భీమవరం మరియు ఏలూరు వద్ద ఉన్న సెక్షన్ ఆఫీసర్ కార్యాలయం వద్ద అభ్యర్థులు, జనవరి 03 తేది, 2012 నుండి ప్రతి రోజు ఉ. 10:30 గం. నుండి సా. 5:00 గం. (మధ్యాహ్నం 1:00 గం. నుండి 2:00 గం. వరకు భోజన విరామం) వరకు ఎటువంటి రుసుము లేకుండా పరిశీలించవచ్చు. ఈ ప్రతిపాదనలు ఎపిఇఆర్సి వెబ్‌సైట్ www.aperc.gov.in లో కూడా అందుబాటులో ఉన్నాయి. ఎవరైనా ఈ ప్రతిపాదనలపై తమ అభ్యంతరాలు/సలహాలు/సూచనలు జనవరి 03 తేది, 2012 నుండి ప్రతి రోజు ఉ. 10:30 గం. నుండి సా. 5:00 గం. (మధ్యాహ్నం 1:00 గం. నుండి 2:00 గం. వరకు భోజన విరామం) వరకు ఎటువంటి రుసుము లేకుండా పరిశీలించవచ్చు. ఈ ప్రతిపాదనలపై ఎవరైనా ఏవైనా అభ్యంతరాలు/సలహాలు/సూచనలు ఉన్నట్లయితే ఎపిఇఆర్సి, 5వ అంతస్తు, సర్వీస్ టాక్స్ భవనం, పీకే కాంప్లెక్స్, విజయవాడ-520013(ఎపి) నందలి కార్యాలయం వద్ద లేదా ఎపిఇఆర్సి వెబ్‌సైట్ www.aperc.gov.in ద్వారా ఆన్‌లైన్ విధానంలో ఫిబ్రవరి 03 తేది, 2012 సాయంత్రం 5:00 గం. లోపు అందజేయవచ్చు.

3. అభ్యర్థన రాని ఈ ఎజెండా, టారిఫ్ ప్రతిపాదనను పైన పేర్కొన్న కార్యాలయాల్లో, కార్యాలయ పనివేళల్లో ఉచితంగా పరిశీలించవచ్చు. ఈ ప్రతిపాదనను వెబ్‌సైట్ కంపెనీ వారి పైన పేర్కొన్న www.apeasternpower.com లో ఉంచబడ్డాయి. ఏదిని www.aperc.gov.in నుండికూడా పొందవచ్చు లేదా ఇ-ప్రైసింగ్ ద్వారా పరిశీలించవచ్చు.

4. 2012-13 ఆర్థిక సంవత్సరమునకు ఏపిసిపిఐఎల్ కొరకు ప్రతిపాదించిన రేటు ఈ క్రింది షెడ్యూలులో పొందుపరచబడ్డాయి.

5. వివిధ కేటగిరీలకు ప్రతిపాదించిన చార్జీలపై సూచనలు/అభ్యంతరాలు సాధారణ ఆంగ్ల వారిని సర్వీసింగ్ పెట్టిరేయ్‌లో జతచేసి (5 ప్రతులు) పంపవలెను. ఎవరైనా గాని పైన తెలిపిన నిర్దిష్టమైన వ్యవధి 03 తేది, 2012, (సా 5:00 గంటలు)లోపూ అంటే నిర్ణయ కాల్పు ద్వారా లేదా వ్యక్తిగతంగా కాని అందేటట్లుచేయవలెను. పైన తెలిపిన అభ్యంతరాలు ప్రతిపత్తిని పొందుటకుగాను ఎపిసిపిఐఎల్ కార్పొరేట్ కార్యాలయంలోని చీఫ్ జనరల్ మేనేజర్(కమర్షియల్), ఎపిసిపిఐఎల్, 85 అంబత్తూరు ఇండస్ట్రియల్ ఎస్టేట్, పి.బి.నెం.5400, చెన్నై-600 098 (తమిళనాడు) వారికి కూడా ఒక ప్రతిని పంపవలెను. అభ్యంతరాలు సమర్పించిన వారు వారి పేరు(లు) మరియు వారి చిరునామా(లు) తప్పనిసరిగా పొందుపరచవలెను. పైన పేర్కొన్న విధంగా కాకుండా అభ్యంతరాలు లేదా సూచనలు అందినయెడల ఆ విషయం కూడా దానితో సహా ఎపిఇఆర్సి వారికి అభ్యంతరాలు గాని సలహాలను గాని స్వీకరించడంలోనూ లేదా పరిగణనలోకి తీసుకోవడంలోనూ ఎటువంటి బాధ్యతను వహించదు. అభ్యంతరాలు/సలహాలు సమర్పించిన వారిని ఎపిఇఆర్సి ముందు ప్రత్యక్షంగా హాజరుకావలసిందిగా కోరడం జరుగుతుంది

లేటరీ కమిషన్ (ఎపిఇఆర్‌సి) వారి సమక్షంలో

సింగరేణి భవన్, రెడ్ హిల్స్, హైదరాబాద్ - 500 004.

Kenadu 5/1/12

సెంట్రల్ పవర్ డిస్ట్రిబ్యూషన్ కంపెనీ ఆఫ్ ఆంధ్రప్రదేశ్ లిమిటెడ్

బహిరంగ ప్రకటన

1. ఇందు మూలంగా నిపిపిఎంఎల్ వెలువరించి చూపెన్‌మిత్రి కెలయుతియున్న నిమిషాల ప్రభుత్వ ఘూమాన్యంలోని మరియు 1-4-2001 తేదీ మంచి పబ్లిక్యూషన్ మరియు రిటైల్/సప్లయి బైసెన్స్ (No.10/2000) తేదీ ఉన్న సంబంధి వంస్థ "సెంట్రల్ పవర్ డిస్ట్రిబ్యూషన్ కంపెనీ ఆఫ్ ఆంధ్రప్రదేశ్ లిమిటెడ్ (సిపిడిసిఎల్)", 2012-13 సంవత్సరానికిగాను సమ్మ ఆదాయ అవశ్యకత మరియు రిటైల్ సప్లై టారిఫ్ మరియు టారిఫ్ సవరణ(పబ్లిక్) సమక్ష అనుమతి కోసం 28.12.2011 తేదీన ప్రతిపాదనలు దరఖాస్తును సమర్పించింది. ఈ ప్రతిపాదనలు గురించిమరియు ప్రజా విచారణ వారిచే 5.1.12, 6.1.2012 గా నిర్ణయించి తేదీలు ఖరారు చేయబడినది.

2. పైన ఇ పేరాలో పేర్కొన్న పైలింగ్ ప్రతులు పబ్లిక్ అధికారి సెంటర్ (సిఓసిలు), సంబంధి మండల ప్రజా కార్యాలయాలు, 3 కంపెనీ (ఎపిఎస్ 1-1-60384604, కైకుమర్తి, వి.ఓ.ఓ. సెంటర్ ఆఫీ ఎదురుగా, హనుమకొండ-505004) పనిదిన వరంగల్, కమ్మం, కేంద్రంలో, మరియు అధికారిక వెబ్‌సైట్‌లో ఉన్న హనుమకొండలో ఇంటిపి కార్యాలయాల వద్ద లభ్యపడుతాయి. ఇవిపి 05.2 తేదీ, 2012 నుండి పబ్లిక్ తేదీ రు.100/-(నూరు రూపాలు) చెల్లించి మీరు ఈ పైలింగ్స్ పొందవచ్చును. ఈ ఎలెక్ట్రానిక్ మరియు టారిఫ్ పైలింగ్ యొక్క సమాచార ప్రతులను ఆర్డర్‌ఎంట్ లేదా ఎలక్ట్రానిక్ రూ. 50/- చొప్పున (నూరు రూపాలు) చెల్లించి పైన ఏ కార్యాలయాలలో నుండి పొందవచ్చును.

3. ఆసక్తిగల వారు ఈ ఎలెక్ట్రానిక్, టారిఫ్ ప్రతిపాదనలను పైన పేర్కొన్న కార్యాలయాల్లో, కార్యాలయ పనిదినాల్లో ఉదయం 10:00 గంటల నుండి సాయంత్రం 5:00 గంటల వరకు పరిశీలించవచ్చును. ఈ ప్రతిపాదనలకు సంబంధించి ఏవైనా అభ్యంతరాలు/సలహాలు/సూచనలు ఉన్నట్లయితే వాటిని ఈ ప్రకటన ప్రచురించిన తేదీ నుండి 30 రోజులలోపు ఈ క్రింది చిరునామాకు వ్రాతపూర్వకంగా పంపవలెను. ఆ తదుపరి వచ్చిన అభ్యంతరాలు/సలహాలు/సూచనలు పరిగణలోకి తీసుకోబడవు. ఆసక్తిగల వారు ఈ ప్రతిపాదనలపై వారి అభ్యంతరాలు/సలహాలు/సూచనలను ఈ క్రింది చిరునామాకు వ్రాతపూర్వకంగా పంపవలెను. అభ్యంతరాలు/సలహాలు/సూచనలు ఈ క్రింది చిరునామాకు 15.01.2012 తేదీ సాయంత్రం 5:00 గంటలలోపు అందవలెను. ఆ తదుపరి వచ్చిన అభ్యంతరాలు/సలహాలు/సూచనలు పరిగణలోకి తీసుకోబడవు.

4. 2012-13 ఆర్థిక సంవత్సరమునకు వివిధవర్గాలకు రిటైల్ సరఫరా కొరకు ప్రతిపాదించిన ధరలు ఈ క్రింది విధంగా ఉన్నవి.

5. పబ్లిక్యూషన్ కంపెనీ ప్రతిపాదించిన టారిఫ్‌పై మీ అభ్యంతరాలు/సలహాలు/సూచనలు ఏవైనా ఉంటే వాటిని వ్యక్తిగతంగా లేదా మీ ప్రతినిధులు (ఒకరు లేదా ఇద్దరు) ఈ క్రింది చిరునామాలు నిర్ణయించిన తేదీలలో ఉదయం 10:00 గంటలకు హాజరై మీ అభ్యంతరాలు/సలహాలు/సూచనలను వ్రాతపూర్వకంగా సమర్పించవచ్చును. మీరు అభ్యంతరాలు/సలహాలు/సూచనలు ఇచ్చినట్లయితే వాటిపై మీ వివరణ కోరడం జరుగుతుంది.

అభ్యంతరం దాఖలు చేసే & హాజరయ్యే రోజు	అభ్యంతరాలు / సలహాలు ఇవ్వాల్సిన సర్కిల్	ఎపిఇఆర్‌సి వారి పబ్లిక్ హియరింగ్ జరిగే తేదీ
05.01.2012	వరంగల్	16.01.2012

6. ఈ ప్రకటనకు ప్రతిస్పందనగా వచ్చిన అభ్యంతరాలు/ సలహాలను పరిశీలించిన పిమ్మట వాటిలో యోగ్యంగా పరిగణించిన అభ్యంతరాలకు మరియు వాటి పట్ల మా వివరణ సెంటర్ వారి ముందు ప్రకటించడం జరుగుతుంది. ఆసక్తిగల వారు ఈ ప్రకటనకు సంబంధించి ఏవైనా అభ్యంతరాలు/సలహాలు/సూచనలు ఉన్నట్లయితే వాటిని ఈ ప్రకటన ప్రచురించిన తేదీ నుండి 30 రోజులలోపు ఈ క్రింది చిరునామాకు వ్రాతపూర్వకంగా పంపవలెను. ఆ తదుపరి వచ్చిన అభ్యంతరాలు/సలహాలు/సూచనలు పరిగణలోకి తీసుకోబడవు.

తేదీ: 05-01-2012

స్థలం: హైదరాబాద్

చైర్మన్ & మేనేజింగ్ డైరెక్టర్

సెంట్రల్ పవర్ డిస్ట్రిబ్యూషన్ కంపెనీ ఆఫ్ ఆంధ్రప్రదేశ్ లిమిటెడ్

నార్తర్న్ పవర్ డిస్ట్రిబ్యూషన్ కంపెనీ ఆఫ్ ఆంధ్రప్రదేశ్ లిమిటెడ్

బహిరంగ ప్రకటన

1. ఇందు మూలంగా ఎపిఇఆర్‌సి వారిచే జారీ చేయబడిన ప్రభుత్వ ఘూమాన్యంలోని మరియు 1-4-2001 తేదీ మంచి పబ్లిక్యూషన్ మరియు రిటైల్ సప్లయి బైసెన్స్ (No.14/2000) తేదీ ఉన్న సంబంధి వంస్థ "నార్తర్న్ పవర్ డిస్ట్రిబ్యూషన్ కంపెనీ ఆఫ్ ఆంధ్రప్రదేశ్ లిమిటెడ్(ఎపిడిసిఎల్)", 2012-13 సంవత్సరానికిగాను సమ్మ ఆదాయ అవశ్యకత మరియు రిటైల్ సప్లై టారిఫ్ మరియు టారిఫ్ సవరణ (ఎపిటిసి) అనుమతి కోసం 26-12-2011 తేదీన ప్రతిపాదనలు వ్రాతపూర్వకంగా సమర్పించింది. ఈ ప్రతిపాదనలు గురించిమరియు ప్రజా విచారణ వారిచే 5.1.12, 6.1.2012 గా నిర్ణయించి తేదీలు ఖరారు చేయబడినది.

2. పైన ఇ పేరాలో పేర్కొన్న పైలింగ్ ప్రతులు పబ్లిక్ అధికారి సెంటర్ (సిఓసిలు), సంబంధి మండల ప్రజా కార్యాలయాలు, 3 కంపెనీ (ఎపిఎస్ 1-1-60384604, కైకుమర్తి, వి.ఓ.ఓ. సెంటర్ ఆఫీ ఎదురుగా, హనుమకొండ-505004) పనిదిన వరంగల్, కమ్మం, కేంద్రంలో, మరియు అధికారిక వెబ్‌సైట్‌లో ఉన్న హనుమకొండలో ఇంటిపి కార్యాలయాల వద్ద లభ్యపడుతాయి. ఇవిపి 05.2 తేదీ, 2012 నుండి పబ్లిక్ తేదీ రు.100/-(నూరు రూపాలు) చెల్లించి మీరు ఈ పైలింగ్స్ పొందవచ్చును. ఈ ఎలెక్ట్రానిక్ మరియు టారిఫ్ పైలింగ్ యొక్క సమాచార ప్రతులను ఆర్డర్‌ఎంట్ లేదా ఎలక్ట్రానిక్ రూ. 50/- చొప్పున (నూరు రూపాలు) చెల్లించి పైన ఏ కార్యాలయాలలో నుండి పొందవచ్చును.

3. ఆసక్తిగల వారు ఈ ఎలెక్ట్రానిక్, టారిఫ్ ప్రతిపాదనలను పైన పేర్కొన్న కార్యాలయాల్లో, కార్యాలయ పనిదినాల్లో ఉదయం 10:00 గంటల నుండి సాయంత్రం 5:00 గంటల వరకు పరిశీలించవచ్చును. ఈ ప్రతిపాదనలకు సంబంధించి ఏవైనా అభ్యంతరాలు/సలహాలు/సూచనలు ఉన్నట్లయితే వాటిని ఈ ప్రకటన ప్రచురించిన తేదీ నుండి 30 రోజులలోపు ఈ క్రింది చిరునామాకు వ్రాతపూర్వకంగా పంపవలెను. ఆ తదుపరి వచ్చిన అభ్యంతరాలు/సలహాలు/సూచనలు పరిగణలోకి తీసుకోబడవు. ఈ ప్రతిపాదనలపై వారి అభ్యంతరాలు/సలహాలు/సూచనలను ఈ క్రింది చిరునామాకు వ్రాతపూర్వకంగా పంపవలెను. అభ్యంతరాలు/సలహాలు/సూచనలు 15.01.2012 తేదీ సాయంత్రం 5:00 గంటలలోపు అందవలెను. ఆ తదుపరి వచ్చిన అభ్యంతరాలు/సలహాలు/సూచనలు పరిగణలోకి తీసుకోబడవు.

4. 2012-13 ఆర్థిక సంవత్సరమునకు వివిధవర్గాలకు రిటైల్ సరఫరా కొరకు ప్రతిపాదించిన ధరలు ఈ క్రింది విధంగా ఉన్నవి.

5. పబ్లిక్యూషన్ కంపెనీ ప్రతిపాదించిన టారిఫ్‌పై మీ అభ్యంతరాలు/సలహాలు/సూచనలు ఏవైనా ఉంటే వాటిని వ్యక్తిగతంగా లేదా మీ ప్రతినిధులు (ఒకరు లేదా ఇద్దరు) ఈ క్రింది చిరునామాలు నిర్ణయించిన తేదీలలో ఉదయం 10:00 గంటలకు హాజరై మీ అభ్యంతరాలు/సలహాలు/సూచనలను వ్రాతపూర్వకంగా సమర్పించవచ్చును. మీరు అభ్యంతరాలు/సలహాలు/సూచనలు ఇచ్చినట్లయితే వాటిపై మీ వివరణ కోరడం జరుగుతుంది.

అభ్యంతరం దాఖలు చేసే & హాజరయ్యే రోజు	అభ్యంతరాలు / సలహాలు ఇవ్వాల్సిన సర్కిల్	ఎపిఇఆర్‌సి వారి పబ్లిక్ హియరింగ్ జరిగే తేదీ
05.01.2012	వరంగల్	16.01.2012

6. ఈ ప్రకటనకు ప్రతిస్పందనగా వచ్చిన అభ్యంతరాలు/ సలహాలను పరిశీలించిన పిమ్మట వాటిలో యోగ్యంగా పరిగణించిన అభ్యంతరాలకు మరియు వాటి పట్ల మా వివరణ సెంటర్ వారి ముందు ప్రకటించడం జరుగుతుంది. ఆసక్తిగల వారు ఈ ప్రకటనకు సంబంధించి ఏవైనా అభ్యంతరాలు/సలహాలు/సూచనలు ఉన్నట్లయితే వాటిని ఈ ప్రకటన ప్రచురించిన తేదీ నుండి 30 రోజులలోపు ఈ క్రింది చిరునామాకు వ్రాతపూర్వకంగా పంపవలెను. ఆ తదుపరి వచ్చిన అభ్యంతరాలు/సలహాలు/సూచనలు పరిగణలోకి తీసుకోబడవు. ఈ ప్రకటనకు సంబంధించి ఏవైనా అభ్యంతరాలు/సలహాలు/సూచనలు ఉన్నట్లయితే వాటిని ఈ ప్రకటన ప్రచురించిన తేదీ నుండి 30 రోజులలోపు ఈ క్రింది చిరునామాకు వ్రాతపూర్వకంగా పంపవలెను. ఆ తదుపరి వచ్చిన అభ్యంతరాలు/సలహాలు/సూచనలు పరిగణలోకి తీసుకోబడవు. ఈ ప్రకటనకు సంబంధించి ఏవైనా అభ్యంతరాలు/సలహాలు/సూచనలు ఉన్నట్లయితే వాటిని ఈ ప్రకటన ప్రచురించిన తేదీ నుండి 30 రోజులలోపు ఈ క్రింది చిరునామాకు వ్రాతపూర్వకంగా పంపవలెను. ఆ తదుపరి వచ్చిన అభ్యంతరాలు/సలహాలు/సూచనలు పరిగణలోకి తీసుకోబడవు.

తేదీ: 05-01-2012

స్థలం: వరంగల్

చైర్మన్ & మేనేజింగ్ డైరెక్టర్

నార్తర్న్ పవర్ డిస్ట్రిబ్యూషన్ కంపెనీ ఆఫ్ ఆంధ్రప్రదేశ్ లిమిటెడ్

వర్గీకరణ	వివరణ		ధర
LV-1	గృహవినియోగం	0-50 యూనిట్లు	రూ. 1.26 / కి.వి.ఎ. నెలకు
		51-100 యూనిట్లు	రూ. 1.45 / కి.వి.ఎ. నెలకు
		101-200 యూనిట్లు	రూ. 1.67 / కి.వి.ఎ. నెలకు
		201-300 యూనిట్లు	రూ. 2.30 / కి.వి.ఎ. నెలకు
		300 యూనిట్లకు పైన	రూ. 3.50 / కి.వి.ఎ. నెలకు
LV-2	నాన్-డొమెస్టిక్/కమర్షియల్	0-50 యూనిట్లు	రూ. 3.50 / కి.వి.ఎ. నెలకు
		51-100 యూనిట్లు	రూ. 4.00 / కి.వి.ఎ. నెలకు
		101-200 యూనిట్లు	రూ. 4.50 / కి.వి.ఎ. నెలకు
		201-300 యూనిట్లు	రూ. 5.00 / కి.వి.ఎ. నెలకు
		300 యూనిట్లకు పైన	రూ. 5.50 / కి.వి.ఎ. నెలకు
LV-3	పరిశ్రమలు	0-50 యూనిట్లు	రూ. 3.50 / కి.వి.ఎ. నెలకు
		51-100 యూనిట్లు	రూ. 4.00 / కి.వి.ఎ. నెలకు
		101-200 యూనిట్లు	రూ. 4.50 / కి.వి.ఎ. నెలకు
		201-300 యూనిట్లు	రూ. 5.00 / కి.వి.ఎ. నెలకు
		300 యూనిట్లకు పైన	రూ. 5.50 / కి.వి.ఎ. నెలకు
LV-4	వ్యవసాయం	0-750 యూనిట్లు	రూ. 0.30 / కి.వి.ఎ. నెలకు
		751-1000 యూనిట్లు	రూ. 0.50 / కి.వి.ఎ. నెలకు
		1000 యూనిట్లకు పైన	రూ. 0.75 / కి.వి.ఎ. నెలకు
LV-5	ప్రజా దీపాలు		రూ. 3.50 / కి.వి.ఎ. నెలకు
LV-6	తాత్కాలిక సరఫరా		రూ. 6.75 / కి.వి.ఎ. నెలకు
LV-7	ప్రత్యేక పథకాలు		రూ. 4.50 / కి.వి.ఎ. నెలకు
LV-8	ఆర్‌టిపిసి మరియు అంబీలు		రూ. 250.00 / కి.వి.ఎ. నెలకు
LV-9	ఛార్జింగ్ స్టేషన్లు		రూ. 6.70 / కి.వి.ఎ. నెలకు

HV-1 సాధారణ సరఫరా — 33/11 కెవి — రూ. 350/- నెలకు

HV-2 కాలానుగుణ సరఫరా — 33/11 కెవి — రూ. 350/- నెలకు

HV-3 రైల్వే ట్రాక్షన్ — 33/11 కెవి — రూ. 350/- నెలకు

HV-4 ఆక్వా కల్చర్ — 33/11 కెవి — రూ. 350/- నెలకు

HV-5 ఎలక్ట్రిక్ వాహనాలు — 33/11 కెవి — రూ. 350/- నెలకు

HV-6 ఛార్జింగ్ స్టేషన్లు — 33/11 కెవి — రూ. 350/- నెలకు

HV-7 ప్రత్యేక పథకాలు — 33/11 కెవి — రూ. 350/- నెలకు

HV-8 ఆర్‌టిపిసి మరియు అంబీలు — 33/11 కెవి — రూ. 350/- నెలకు

HV-9 ఆర్‌టిపిసి మరియు అంబీలు — 132/33 కెవి — రూ. 350/- నెలకు

వర్గీకరణ	వివరణ		ధర
LV-1	గృహవినియోగం	0-50 యూనిట్లు	రూ. 1.45 / కి.వి.ఎ. నెలకు
		51-100 యూనిట్లు	రూ. 1.67 / కి.వి.ఎ. నెలకు
		101-200 యూనిట్లు	రూ. 2.30 / కి.వి.ఎ. నెలకు
		201-300 యూనిట్లు	రూ. 3.50 / కి.వి.ఎ. నెలకు
		300 యూనిట్లకు పైన	రూ. 4.50 / కి.వి.ఎ. నెలకు
LV-2	నాన్-డొమెస్టిక్/కమర్షియల్	0-50 యూనిట్లు	రూ. 4.00 / కి.వి.ఎ. నెలకు
		51-100 యూనిట్లు	రూ. 4.50 / కి.వి.ఎ. నెలకు
		101-200 యూనిట్లు	రూ. 5.00 / కి.వి.ఎ. నెలకు
		201-300 యూనిట్లు	రూ. 5.50 / కి.వి.ఎ. నెలకు
		300 యూనిట్లకు పైన	రూ. 6.00 / కి.వి.ఎ. నెలకు
LV-3	పరిశ్రమలు	0-50 యూనిట్లు	రూ. 4.00 / కి.వి.ఎ. నెలకు
		51-100 యూనిట్లు	రూ. 4.50 / కి.వి.ఎ. నెలకు
		101-200 యూనిట్లు	రూ. 5.00 / కి.వి.ఎ. నెలకు
		201-300 యూనిట్లు	రూ. 5.50 / కి.వి.ఎ. నెలకు
		300 యూనిట్లకు పైన	రూ. 6.00 / కి.వి.ఎ. నెలకు
LV-4	వ్యవసాయం	0-750 యూనిట్లు	రూ. 0.50 / కి.వి.ఎ. నెలకు
		751-1000 యూనిట్లు	రూ. 0.75 / కి.వి.ఎ. నెలకు
		1000 యూనిట్లకు పైన	రూ. 1.00 / కి.వి.ఎ. నెలకు
LV-5	ప్రజా దీపాలు		రూ. 4.00 / కి.వి.ఎ. నెలకు
LV-6	తాత్కాలిక సరఫరా		రూ. 7.50 / కి.వి.ఎ. నెలకు
LV-7	ప్రత్యేక పథకాలు		రూ. 5.00 / కి.వి.ఎ. నెలకు
LV-8	ఆర్‌టిపిసి మరియు అంబీలు		రూ. 300.00 / కి.వి.ఎ. నెలకు
LV-9	ఛార్జింగ్ స్టేషన్లు		రూ. 7.50 / కి.వి.ఎ. నెలకు

HV-1 సాధారణ సరఫరా — 33/11 కెవి — రూ. 350/- నెలకు

HV-2 కాలానుగుణ సరఫరా — 33/11 కెవి — రూ. 350/- నెలకు

HV-3 రైల్వే ట్రాక్షన్ — 33/11 కెవి — రూ. 350/- నెలకు

HV-4 ఆక్వా కల్చర్ — 33/11 కెవి — రూ. 350/- నెలకు

HV-5 ఎలక్ట్రిక్ వాహనాలు — 33/11 కెవి — రూ. 350/- నెలకు

HV-6 ఛార్జింగ్ స్టేషన్లు — 33/11 కెవి — రూ. 350/- నెలకు

HV-7 ప్రత్యేక పథకాలు — 33/11 కెవి — రూ. 350/- నెలకు

HV-8 ఆర్‌టిపిసి మరియు అంబీలు — 33/11 కెవి — రూ. 350/- నెలకు

HV-9 ఆర్‌టిపిసి మరియు అంబీలు — 132/33 కెవి — రూ. 350/- నెలకు

ఎపిఇఆర్‌సి వారి ఉత్తర్వుల ప్రకారం: ఒప్పందపు లోడ్ కంటే ఎక్కువైన డిమాండ్‌లలో ఏదైనా నెల్లో డిమాండ్ విరిగినట్లయితే, ఆ నెల్లో ఆ డిమాండ్ విరిగిన ప్రతి కిలోవోల్ట్ ఆంపియర్‌కు రూ. 100/- చొప్పున అదనపు ఛార్జీలు వసూలు చేయబడతాయి.

ఇతర ముఖ్య ప్రతిపాదనలు:

1. మీటర్లలో ఫ్లాట్ రేటుపైన ఎలక్ట్రిసిటీ కనెక్షన్లను తీసివేయబడిన ప్రతిపాదించబడింది.
2. ప్రభుత్వానుండి విద్యుత్ సరఫరా జరిగిన సెకండ్ నుండి ఫ్రీ సప్లయ్ ఆఫ్ పవర్ అనేది ఉండదు. ఈ విషయాన్ని వినియోగదారులకు ముందుగా తెలియజేయడం జరుగుతుంది.
3. 33/11 కెవి సబ్‌స్టేషన్‌లలో వినియోగదారులకు ఇవ్వబడే సరఫరా వోల్టేజ్ 11 కెవి ± 6% ఉంటుంది.

అదనపు ప్రతిపాదనలు:

1. అధికారిక ఉపయోగ నిమిత్తం విద్యుత్ సప్లయ్‌లో ఆగ్మెంటెడ్ ట్రీట్‌మెంట్‌ను ప్రతిపాదించడం జరుగుతుంది. ఈ క్రింది ఛార్జీలు ప్రతిపాదించబడ్డాయి.

వివరాలు	ప్రతిపాదిత అదనపు ఛార్జీలు (ప్రతిపాదించబడ్డ
ఎలక్ట్రిసిటీ గ్యారెంటీడ్ సప్లయ్	10/-
ఎలక్ట్రిసిటీ ఇంటరప్షన్	25/-
ఎలక్ట్రిసిటీ ఫ్లక్చుయేషన్స్	25/-
ఎలక్ట్రిసిటీ హార్మోనిక్స్	విద్యుత్ వినియోగంలో 1.5% లేదా రూ.75/- ఏది ఎక్కువ
ఎలక్ట్రిసిటీ వోల్టేజ్	విద్యుత్ వినియోగంలో 1.5% లేదా రూ.250/- ఏది ఎక్కువ
ఫ్లికర్	విద్యుత్ వినియోగంలో 1.5% లేదా రూ.550/- ఏది ఎక్కువ

2. పబ్లిక్ హెల్త్ ఛార్జీలు:

వివరాలు	ప్రతిపాదిత పబ్లిక్ హెల్త్ ఛార్జీలు (ప్రతిపాదించబడ్డ
ఎలక్ట్రిసిటీ గ్యారెంటీడ్ సప్లయ్	50/-
ఎలక్ట్రిసిటీ ఇంటరప్షన్	100/-
ఎలక్ట్రిసిటీ ఫ్లక్చుయేషన్స్	200/-
ఫ్లికర్- 11 కెవి	1000/-
ఫ్లికర్- 33 కెవి	2000/-
ఫ్లికర్- 132 కెవి	3000/-

3. పబ్లిక్ హెల్త్ / ఫైర్ / సెక్యూరిటీ ఛార్జీలు:

వివరాలు	ప్రతిపాదిత పబ్లిక్ హెల్త్ ఛార్జీలు (ప్రతిపాదించబడ్డ
ఎలక్ట్రిసిటీ గ్యారెంటీడ్ సప్లయ్	100/-
ఎలక్ట్రిసిటీ ఇంటరప్షన్	100/-
ఎలక్ట్రిసిటీ ఫ్లక్చుయేషన్స్	300/-
ఫ్లికర్	500/-

4. ఫీజుల స్ట్రక్చర్(మార్పు):

వివరాలు	ప్రతిపాదిత స్ట్రక్చర్ ఛార్జీల వివరాలు
ఎ.పి.సింగిల్ ఫేజ్ సప్లయ్ మీటర్	150/-
ఎ.పి.త్రీ ఫేజ్ సప్లయ్ మీటర్	200/-
ఫ్లికర్ సప్లయ్ మీటర్	3000/-

ఫ్లాట్ రేట్ల వివరాలు: వివిధ కేటగిరీలకు సంబంధించిన ఎఫ్‌పిసి చార్జీల వివరాలు ఎపిఇఆర్‌సి వారి ఉత్తర్వులు తేదీ: 30.12.2011 నాటి ఉత్తర్వులు సంఖ్య 2012-13 కు ఫ్లాట్ రేట్లకే వర్తిస్తాయి. ప్రతిపాదించబడినవి. (పూర్తి వివరాలు సంబంధిత కంపెనీ వెబ్‌సైట్‌లలో పొందుపరచడం జరిగింది. ఎలక్ట్రిసిటీ ఆఫీసులలో కూడా ప్రతిపాదనలు ఎలక్ట్రిసిటీ ఆఫీసులలో కూడా అందుబాటులో ఉంచడం జరిగింది.)

గమనిక: 1. పైన పేర్కొన్న ఛార్జీలలో ఆంధ్రప్రదేశ్ సెక్యూరిటీ డ్యూటీ చట్టం ప్రకారం విధించబడిన ఎలక్ట్రిసిటీ డ్యూటీ కలుపబడలేదు.

2. ప్రస్తుతమే సర్వీస్ ఇన్‌స్టలేషన్ (మీటరు) సంబంధించి మీటరుకి ఇన్‌స్టలేషన్ ఛార్జీలు వసూలు చేయడం జరుగుతుంది. ఈ ప్రతిపాదనలలో మీటరు ప్రతిపాదించబడలేదు. (పూర్తి వివరాలు సంబంధిత కంపెనీ వెబ్‌సైట్‌లలో పొందుపరచడం జరిగింది. ఎలక్ట్రిసిటీ ఆఫీసులలో కూడా ప్రతిపాదనలు ఎలక్ట్రిసిటీ ఆఫీసులలో కూడా అందుబాటులో ఉంచడం జరిగింది.) ఈ ప్రతిపాదనలలో మీటరు ప్రతిపాదించబడలేదు. ఎలక్ట్రిసిటీ డ్యూటీ చట్టం ప్రకారం ఎపి ఎలక్ట్రిసిటీ డ్యూటీ చట్టం 1939లోని సెక్షనులు ప్రకారం విద్యుదుత్పత్తి వినియోగంపై డ్యూటీ వసూలు చేయబడుతుంది.

పబ్లిక్ నోటీస్ ఇవ్వడమైనది. ఎవరైనా వ్యక్తులకు సందేహాలు ఉన్నట్లయితే వారు ఈ కార్యాలయ పనిదినాలలో ఉదయం 10:00 గంటల నుండి సాయంత్రం 5:00 గంటల మధ్యలో ఈ కార్యాలయంలో సంప్రదించవచ్చును.

విద్యుత్ అమూల్యమైనది.
దానిని బాధ్యతాయుతంగా వాడండి

ANNEXURE-C

LIST OF REGISTERED OBJECTORS

Sl.No.	Name & Address of the Objector	Objection Related to
1	M/s Sri Shiva Spinning Mills Pvt. Ltd., 21-2-631, Urdugalli, Pathergatti, Hyderabad 500 002	All DISCOMs
2	Sri Cherukuri Venugopala Rao, Federation of Farmers Associations, H.No.1-191, Railway Wagon Work Shop Road, Ibhrahimpatnam Mandal, Guntupalli, Krishna District 521 241	All DISCOMs
3	Sri D.Sudhakar, President, A.P.Poultry Federation, 3-5-823, 2nd Floor, Hyderabad Business Centre, Hyderguda, Hyderabad 500 029	All DISCOMs
4	Er. A.Punna Rao, Convenor, Praja Energy Audt Cell, 59-2-1, Ashok Nagar, Vijayawada 520 010	All DISCOMs
5	Sri Chaganti Venkateswarlu, Chairman, Raithu Samaikhya, Plot No.302, 33-10-14, Sitarampuram, Vijayawada 520 002	All DISCOMs
6	Sri M.Kodanda Reddy, Ex-MLA, Chairman, A.P.Congress Committee, Kisan-Kheth Mazdoodr Congress, Gandhi Bhavan, Hyderabad 500 001	All DISCOMs
7	Sri Samineni Rama Rao, Secretary, & Vangala Subba Rao, President, A.P.Raithu Sangham, 1-1-9/10, Jawahar Nagar, RTC X Roads, Musheerabad, Hyderabad 500 020	All DISCOMs
8	Sri M.Venugopala Rao, Journalist, H.No.7-1-408 to 413, F.203, Sri Sai Darsan Residency, Balkampet Road, Ameerpet, Hyderabad 500 016	All DISCOMs
9	Sri G.R.Karunakar, State Executive Member, Bharatiya Janata Party, Plot No.56, Laxmi Mega Township, Rangannaguda, Hayathnagar Mandal, Rangareddy 501510	All DISCOMs
10	Sri M.K.Guptha, Chief Electrical Distribution Engineer, South Central Railway, 4th Floor, C Block, Rail Nilayam, Secunderabad 500 071	All DISCOMs
11	M/s Viom Networks, D.No.1-8-368 to 372, 5th Floor, Gowra Trinity, Begumpet, Secunderabad - 500 003	All DISCOMs
12	Sri Yellapu Suryanarayana, State General Secretary, Bharatiya Kisan Sangh, Chinnampeta, Siripuram post, via Prattipadu, East Godavari District 533 432	All DISCOMs
13	Sri K.Raghu, Certified Energy Manager & Auditor, Coordinator, Telangana Electricity Employees Joint Action Committee, 204, SCK Residency, Niloufer Hospital Lane, Lakdikapool, Red Hills, Hyderabad 500 004	All DISCOMs
14	Sri B.N.Prabhakar, President, SWAPNAM, 16-11-405/10, SBI Officers Colony, Moosarambagh, Hyderabad 500 036	All DISCOMs

Sl.No.	Name & Address of the Objector	Objection Related to
15	Sri M.R.Prasad, Secretary General, A.P. Ferro Alloy Producers Association, 3rd Floor, Progressive Towers, Khairatabad, Hyderabad 500 004	All DISCOMs
16	Sri B.Venkat, General Secretary, Andhra Pradesh Vyvasaya Karmika Sangham, 1-1-9/10, Jawahar Nagar, RTC X Roads, Hyderabad 500 020	All DISCOMs
17	Sri M.Thimma Reddy, Convenor, People's Monitoring Group on Electricity Regulation, 1-9-291/6/1, 1st Floor, Vidyanagar, Hyderabad 500 044	All DISCOMs
18	Sri D.Narasimha Reddy, Chetana Society, 201, Aarthi Residency, LN Colony, Saidabad, Hyderabad 500 059	All DISCOMs
19	Sri M.Subramanyam, Company Secretary & Vice President, Nava Bharat Ventures Ltd., Nava Bharat Chambers, Raj Bhavan Road, Hyderabad 500 082	All DISCOMs
20	Sri Kumaraswami, Bharatiya Kisan Sangh, (R.S.S) Madhava Sadhan, Kaleswara Rao Road, Near Hotel Anupama, Vijayawada, Krishna District.	All DISCOMs
21	Sri M.Sridhar Reddy, Bharatiya Kisan Sangh, Flat No.201, Rajputh Residency, H.No. 2-1-174, 175, Old Ramayalam Road, Nallakunta, Hyderabad 500 044	All DISCOMs
22	Sri Kandarapu Murali, State Executive Member, CPI(M), MB Bhavan, Yashoda Nagar, Tirupathi 517507	All DISCOMs
23	Sri V.Naga Raju, State Vice President, Pattana Poura Sankshema Sanghalu, MB Bhavan, Yashoda Nagar, Tirupati 517 507	All DISCOMs
24	Sri K.Kumar Reddy, Secretary, Chittoor Dist. Committee, CPI(M), MB Bhavan, Yashoda Nagar, Tirupati 517 507	All DISCOMs
25	Sri P.Venkata Ratnam, State Vice President, A.P.Agriculture Labour Committee, MB Bhavan, Yashoda Nagar, Tirupati 517 507	All DISCOMs
26	Sri B.V.Raghavaulu, Secretary, CPI(M), MB Bhavan, 1-1-60/2, Musheerabad, Hyderabad 500 020	All DISCOMs
27	Sri Gade Diwakar, General Secretary, All India Kisan Mazdoor Sabha (AIKMS), Marx Bhavan, 1-9-295/11/4, H.No.658, Vidyanagar, 7th Lane, Hyderabad 500 044	All DISCOMs
28	Sri R.K.Agarwal, Chairman, A.P.Spinning Mills Association, 105, 1st Floor, Surya Towers, Sardar Patel Road, Secunderabad 500 003	All DISCOMs
29	Sri S.K.Agarwal, Chief Electrical General Engineer, South Central Railway, Headquarters Office, Electrical Branch, Secunderabad 500 071	All DISCOMs
30	Sri K.Ramakrishna, Ex-MLA, State President, A.P.Ryotu Sangham, 210 Amritha Estates, Himayatnagar, Hyderabad 500 029	All DISCOMs
31	Dr. K.Narayana, Secretary, CPI, AP State Council, 3-6-201, Makhdoom Bhavan, Himayatnagar, Hyderabad 500 029	All DISCOMs

Sl.No.	Name & Address of the Objector	Objection Related to
32	Sri J.Janaki Ramulu, State Secretary, Revolutionary Socialist Party, H.No. 1-7-803/12/4, Zamisthanpur, Post Office Lane, Post Box No.1859, RamNagar, Hyderabad 500 020	All DISCOMs
33	Sri Rachamalla Punnamacharyulu, President, Telugu Praja Parishad, Telugu Bharati Nilayam, Siva Nagar, Warangal 506 002	All DISCOMs
34	Sri Rachamalla Punnamacharyulu, President, Chief Convenor, Akhila Bharatiya Viswakarma Parishad, Tilak Bhavan, T.R.T.141, Street No.9, Jawahar Nagar, Hyderabad 560 020	All DISCOMs
35	Sri A.S.R.K.Prasad, M/s A.P.Printers Association, 11-6-872, Red Hills, Lakdi-ka-pool, Hyderabad 500 004	All DISCOMs
36	Dr. L.Muralidhar, Honorary President, Jana Vignana Vedika, # 6-2-642/12, Raghu Vamsa Nivas, Opp.Shadan Collge, Chintalbasti, Khairtabad, Hyderabad 500 004	All DISCOMs
37	Sri Sarampally Malla Reddy, H.No.1-1-60/2, RTC X Roads, Musheerabad, Hyderabad 500 020	All DISCOMs
38	Sri Swamy Jaganmaynanda, Husnabad Village, Kodangal Mandal, Mahaboobnagar Dist.	APCPDCL
39	Sri Venu Vinod, President, Cybercity Rainbow Vistas Apartment Owners Welfare Association, Cybercity, Green Hills, Near Hi-Tec MMTS, IDL Road, KPHB, Hyderabad 500 072	APCPDCL
40	Sri Narayan Manian, Propritor, M/s Essen Enterprises, 3A & 3B, Type-3, APIIC Industrial Estate, Kukatpally, Hyderabad 500 072	APCPDCL
41	Sri Narayan Manian, Propritor, M/s Acme Engineers Pvt. Ltd., 3A & 3B, Type-3, APIIC Industrial Estate, IDA Kukatpally, Hyderabad 500 072	APCPDCL
42	Sri Bonthala Chandra Reddy, Vice-President, A.P.Raithu Sangham, 1-1-19/10, Jawahar Nagar, RTC X Roads, Musheerabad, Hyderabad 500 020	APCPDCL
43	Sri V.Durga Das, Chairman, Sri Satya Sai Water Supply Project Board, Ananthapur	APCPDCL
44	M/s Mahavir Ferro Alloys, 21-2-631, Urdugalli, Pathergatti, Hyderabad 500 002	APCPDCL
45	Sri M.V.Siva Ramakrishna, CGM(Retd), APCPDCL, Mindspace, Cyberabad, 1st Floor, Titus Towers, Bldg No.10, Madapur, Hyderabad 500 081	APCPDCL
46	Sri G.Prabhakar Rao, Plot No.241/102, Opp. Jaya Residency, Electric Tower Line Road, Jaya Nagar, Kukatpally, Hyderabad 500 072	APCPDCL
47	Sri Jerome Inigo Jegam, Plant Head, M/s MRF Ltd., P.B.No.2, Sadasivapet, Medak Dist. 502 291	APCPDCL

Sl.No.	Name & Address of the Objector	Objection Related to
48	Sri Kommidi Narsimha Reddy, Ex-MLA, Convenor, Praja Chaitanya Vedika, Brahmanpalli Village, Bibi Nagar Mandal, Nalgonda Dist. 508 126	APCPDCL
49	Sri K.Harikumar, Brig.(Retd.), Executive Director, Information Technology & Services Industry Association of A.P., 1st Floor, APIIC - IALA Building, Beside Madhapur Fire Station, Road No.4, Cyberabad Zone, HiTec City Phase-II, Madhapur, Hyderabad 500 081	APCPDCL
50	Sri Y.Srinivasa Sarma, S/o Y.P.C.Sarma, Bharatiya Kisan Sangh,12-11-1496, Boudhanagar, Ramalayam Street, Warasiguda, Secunderabad 500 061	APCPDCL
51	Sri Kuntumuri Venkataiah, District General Secretary, Bharatiya Kisan Sangh, H.No.1-3-30, Godugu Gowri, Mahaboobnagar Dist. 509 210	APCPDCL
52	Sri Neelam Nallapa Reddy, Regional Vice-President, Bharatiya Kisan Sangh, Anantapuram	APCPDCL
53	Sri G.Ranga Reddy, Bharatiya Kisan Sangh, Taligudda Village,Chevvalla (Mandal), Rangareddy,	APCPDCL
54	Sri G.Pandaiah, Bharatiya Kisan Sangh, Subhanpur Village, Shamshabad Mandal, Rangareddy,	APCPDCL
55	Sri Jogi Reddy, Bharatiya Kisan Sangh, Nandivanaparthi Village, Macharam Mandal, Rangareddy.	APCPDCL
56	Sri Gangula Surender Reddy, Nedunooru Village, Kandukura Mandal, Rangareddy.	APCPDCL
57	Sri Tummala Ramachandraiah, Bharatiya Kisan Sangh, Nanagiguda Village, Shameerpet Mandal, Rangareddy.	APCPDCL
58	Sri Prabhakar Reddy, Bharatiya Kisan Sangh, Babaguda Village, Shameertpet Mandal, Ranga Reddy district.	APCPDCL
59	Sri Narender, Bharatiya Kisan Sangh, Tumukunta Post, Shameerpet Mandal, Rangareddy.	APCPDCL
60	Sri K.Mohan Reddy, Bharatiya Kisan Sangh, Kapugadda Village, Shamshabad Mandal, Rangareddy.	APCPDCL
61	Sri N.Sriramulu, Bharatiya Kisan Sangh, Narukda Village, Shamshabad Mandal, Rangareddy.	APCPDCL
62	Sri E.Laxmaiah, Bharatiya Kisan Sangh, Sultanpur Village, Shamshabad Mandal, Rangareddy	APCPDCL
63	Sri Kumari Narasimha, Bharatiya Kisan Sangh, Bahadurguda Village, Shahshabad Mandal, Rangareddy.	APCPDCL
64	Sri Anji Reddy, Bharatiya Kisan Sangh, Pamena Village, Chevvalla Mandal, Rangareddy	APCPDCL
65	Sri Ashok Reddy, Shabad, Rangareddy.	APCPDCL
66	Sri Sudhakar Reddy, Bharatiya Kisan Sangh, Amdapuram Village, Moinabad Mandal, Rangareddy.	APCPDCL
67	Sri V.Janardhan, R.B.Nagar, Shamshabad, Rangareddy.	APCPDCL
68	Sri P.Venkat Reddy, Bharatiya Kisan Sangh, Regadidusara Village, Shamshabad Mandal, Rangareddy.	APCPDCL

Sl.No.	Name & Address of the Objector	Objection Related to
69	Sri G.Satyanarayana, Bharatiya Kisan Sangh, Hamidulla Nagar Village, Shamshabad Mandal, Rangareddy.	APCPDCL
70	Sri V.Siddha Reddy, Bharatiya Kisan Sangh, State Secretary, V.Thallamudipi, Medutoor Mandal, Kurnool District.	APCPDCL
71	Sri D.Mahender Reddy, Bharatiya Kisan Sangh, H.No.1-61/1, opp. HP Petrol Pump, Kompalli, Kutbullapoor Mandal, Rangareddy.	APCPDCL
72	Dr. G.Narayana, Bharatiya Kisan Sangh, B-25, F1, VignanpuriColony, Vidyanagar, Hyderabad 500 044	APCPDCL
73	Sri Goreddi Madhusudhan Reddy, Bharatiya Kisan Sangh, H.No. 3-9-94, SV Residency, Flat No. 302, Sharada Nagar, Ramanthapur, Hyderabad 500 013	APCPDCL
74	Sri J.C.Nageshwara Rao, Advocate, Bharatiya Kisan Sangh, Flat No.601, Kavyasri G.V.Hights, Bagh-Ameeri, Kukatpalli, Hyderabad 500 072	APCPDCL
75	Sri M.Venkataramana Reddy, H.No.6-82, Flat No.201, Siri Residency, Pirjadiguda, Rangareddy. 500 098	APCPDCL
76	Sri D.Ramu, Bharatiya Kisan Sangh, Regional Secretary, Flat No.203, 2-3-51, Classic Towers, Near 6 No. Bus Stop, Bagh Amber Pet, Hyderabad 500 013	APCPDCL
77	Sri N.Satyanarayana Reddy, Bharatiya Kisan Sangh, District General Secretary, K.P.R.Bhavan, Behind Z.P.Bhavan Road, Andhra Pradesh Teachers Association Office, Ramgiri, Nalgonda Dist. 508 001	APCPDCL
78	Sri D.Srikanth Reddy, S/o Satti Reddy, Machana Palli Village, Bommala Ramaram Mandal, Nalgonda District.	APCPDCL
79	Sri Y.Narsi Reddy, Bharatiya Kisan Sangh, Mogili Paka Village,Valigonda Mandal, Nalgonda District 508 112	APCPDCL
80	Sri P.Narendar Reddy, Bharatiya Kisan Sangh, Village President,Chowdari Palli Village, Bommala Ramaram Mandal, Nalgonda District.	APCPDCL
81	Sri G.Chenna Reddy, Bharatiya Kisan Sangh, District President, Depalli Village, Chedura post, via Balanagar, Mahaboobnagar District.	APCPDCL
82	Sri K.Krishna Reddy, Bharatiya Kisan Sangh, District General Secretary, Jaganmohan Reddy Building, Netaji Road,Jedcharla, Mahaboobnagar 509 301	APCPDCL
83	Sri P.Narasimha Reddy, Bharatiya Kisan Sangh, District General Secretary, Nandikondi Village, Sadasivpet Mandal, Medak 502 291	APCPDCL
84	Sri A.Vijaya Kumar, Advocate, Bharatiya Kisan Sangh, State Secretary, H.No.4-93, Parigi, Rangareddy.	APCPDCL
85	Sri P.Anji Reddy, Bharatiya Kisan Sangh, State Vice-President, Gollapalli Village, Kondapur Mandal, Medak District.	APCPDCL

Sl.No.	Name & Address of the Objector	Objection Related to
86	Sri M.Narayana Reddy, Bharatiya Kisan Sangh, Flat No.302, H.No.12-13-540/302, Concrete Melody, Nagarjuna Nagar Colony, Tarnaka, Secunderabad 500 017	APCPDCL
87	Sri E.Devender Reddy, Bharatiya Kisan Sangh, Pedda Golkonda Village, Shamshabad Village, Rangareddy.	APCPDCL
88	Sri M.Raji Reddy, Bharatiya Kisan Sangh, H.No. 20-160/1/1, Rallaguda, Shamshabad Post, Rangareddy.	APCPDCL
89	Sri K.Narasimha, Bharatiya Kisan Sangh, Bahadurgudem Village,Shamshabad Mandal, Rangareddy.	APCPDCL
90	Dr. Yadaiah, Bharatiya Kisan Sangh, R.B.Nagar, Shamshabad,Rangareddy. 501 218	APCPDCL
91	Sri A.Yagireddy, Bharatiya Kisan Sangh, Sultanpalli Village, Shamshabad Mandal, Rangareddy 501 218	APCPDCL
92	Sri JittaYadaiah, Bharatiya Kisan Sangh, Bandlagudem (Village), Kothurru Mandal, Mahaboobnagar District.	APCPDCL
93	Sri Talla Reddy, Bharatiya Kisan Sangh, Pendyal Village, Maheswaram Mandal, Ranga Reddy 501 506	APCPDCL
94	Sri M.Narasimha Reddy, Bharatiya Kisan Sangh, Pedda Golkonda Village, Shamshabad Mandal, Ranga Reddy 501 218	APCPDCL
95	Sri S.Jayan, Bharatiya Kisan Sangh, Gotiguda Village, Shamshabad Mandal, Ranga Reddy 501 218	APCPDCL
96	Sri M.Manipal Redy, Bharatiya Kisan Sangh, Shankarapuram Village, Shamshabad Mandal, Rangareddy 501 218	APCPDCL
97	Sri M.Chandra Reddy, Bharatiya Kisan Sangh, Shamshabad Mandal, Rangareddy 501 218	APCPDCL
98	Sri M.Meena, M/s Water Development Society, D.No.5-866/4, Old Alwal, Secunderabad 500 010	APCPDCL
99	President, M/s My Home Jewel Apaprtment Welfare Association, Ground Floor, Topez Block, My Home Jewel, Madinaguda, Hyderabad 500 049	APCPDCL
100	M/s GMR Hyderabad International Airport Ltd., 6-3-866/1/G1, Greenlands, Begumpet, Hyderabad 500 016	APCPDCL
101	Sri T.Harish Rao, M.L.A., Siddipet, No.12, Vasantha Valley, White Fields, Kondapoor, Near Hi Tech city, Hyderabad 500 081	APCPDCL
102	M/s Aparna Sarovar Owners Welfare Society, Survey N os.12/1 & 13, Kanchagachibowli Village, Serilingampally Mandal, Ranga Reddy 500 019	APCPDCL
103	Sri P.Kodanda Ramaiah, 712, Turquise Block, My Home Jewel, Madinaguda, Hyderabad - 500 049	APCPDCL
104	Sri M.Anantha Reddy, Indian Nurserymen Association, A.P.Chapter, No.6-3-1104, Somajiguda, Rajbhavan Road, Hyderabad 500 082	APCPDCL

Sl.No.	Name & Address of the Objector	Objection Related to
105	Sri G.Srinivasa Reddy, #1011, Agate Block, My Home Jewel, Sy.Nos.83 & 97, Madinaguda Village, Serilingampally Mandal, Ranga Reddy 500 032	APCPDCL
106	Sri A.Srinivas, #901, Garnet Block, My Home Jewel, Sy.Nos.83 & 97, Madinaguda Village, Serilingampally Mandal, Ranga Reddy 500 032	APCPDCL
107	Sri R.Shyam Sunder Rao, #812, Emerald Block, My Home Jewel, Sy.Nos.83 & 97, Madinaguda Village, Serilingampally Mandal, Ranga Reddy 500 032	APCPDCL
108	Sri R.Shyam Sunder Rao, #805, Emerald Block, My Home Jewel, Sy.Nos.83 & 97, Madinaguda Village, Serilingampally Mandal, Ranga Reddy 500 032	APCPDCL
109	Sri R.Shyam Sunder Rao, #912, Emerald Block, My Home Jewel, Sy.Nos.83 & 97, Madinaguda Village, Serilingampally Mandal, Ranga Reddy 500 032	APCPDCL
110	Sri A.Srinivasa Rao, #911, Agate Block, My Home Jewel, Sy.Nos.83 & 97, Madinaguda Village, Serilingampally Mandal, Ranga Reddy 500 032	APCPDCL
111	Sri J.Jagapathi Rao, #311, Agate Block, My Home Jewel, Sy.Nos.83 & 97, Madinaguda Village, Serilingampally Mandal, Ranga Reddy 500 032	APCPDCL
112	Sri M.Rajeswar Sarma, #1207, Topaz Block, My Home Jewel, Sy.Nos.83 & 97, Madinaguda Village, Serilingampally Mandal, Ranga Reddy 500 032	APCPDCL
113	Sri G.Hari Kumar, #611, Agate Block, My Home Jewel, Sy.Nos.83 & 97, Madinaguda Village, Serilingampally Mandal, Ranga Reddy 500 032	APCPDCL
114	Sri K.Naveen Kumar, #513, Garnet Block, My Home Jewel, Sy.Nos.83 & 97, Madinaguda Village, Serilingampally Mandal, Ranga Reddy 500 032	APCPDCL
115	Sri G.Nagaraj, H.No-13-1-1146/A/6, Kummaravadi, Puranapool, Hyderabad 500 006	APCPDCL
116	Sri B.Swamy, H.No.8-3-228/155/F/1, Rehamathnagar, Yousufnagar, Hyderabad 500 045	APCPDCL
117	Sri Pradeep Kumar Dutt, M/s Hotels & Restaurants Association of A.P., Hotel Mahavir, 3-4-2, Kachiguda Station Road, Hyderabad 500 027	APCPDCL
118	General Manager, M/s Sree Satyanarayana Spinning Mills Ltd., Venkatarayapuram,Tanuku 534 215	APEPDCL
119	President, M/s Aurobindo Pharma Ltd., Sy.No.61-66, IDA, Pydirudravaram, Ranasthalam(M), Srikakulam 532 409	APEPDCL
120	Sri R.H.N.Sarma, Sr.Citizen, 6-9, Simhachalam, Visakhapatnam 531 028	APEPDCL
121	Managing Director, The Anakapalle Rural Electric Co-Operative Society Ltd., Kasimkota, Visakhapatnam 531 031	APEPDCL

Sl.No.	Name & Address of the Objector	Objection Related to
122	Managing Director, The Cheepurupalli Rural Electric Co-Operative Society Ltd., Cheepurupalli, Vizinagaram District.	APEPDCL
123	Sri P.Narendranath Chowdary, Joint Managing Director, M/s The Andhra Sugars Ltd.,Kovvur 534 350	APEPDCL
124	Sri B.Hume Sastry, Chief Engineer (Retd.), President(Pensioner Association), IRA, J.K.Modern Homes, Maharanipeta, Visakhapatnam 530 002	APEPDCL
125	Sri Arigela Balarama Murthy, Convenor, Konaseema Viniyogadarula Sanghamula Samaikhya and Member, CGRF, APEPDCL, Visakhapatnam 531 013	APEPDCL
126	Sri Varun Agarwal, Executive Director, M/s Ellenbarrie Industrial Gases Ltd., Plot No.57-A, J.N.Pharma City, Parawada Mandal, Visakhapatnam 531 019	APEPDCL
127	Sri A.V.R.Narayana Rao, Chief Technical Officer, Synergies Castings Ltd., # 3, Visakhapatnam Special Economic Zone (VSEZ), Duvvada, Visakhapatnam 530 049	APEPDCL
128	Sri Adabala Rajamohan, Vyagreswaram Village, Pulletikurru Post, Ambajipet Mandal, East Godavari 533 241	APEPDCL
129	Sri U.Bhaskar Rao,S/o Bucchi Raju,7-173, Bandaru Lanka, Amalapuram Mandalm, East Godavari 533 221	APEPDCL
130	Sri Dangeti Venakata Giridhar, S/o Adinarayanamurthy, Dangetivaripalem, Bandarulanka Post, Amalapuram Mandal, East Godavari 533 221	APEPDCL
131	Sri Donga Nageswara Rao, S/o Sriramulu, Gangalakurru Malupu,Ambajipeta Mandal, East Godavari 533 241	APEPDCL
132	Sri Mutyala Jameelu, Bharatiya Kisan Sangh, State Secretary,Potami Lanka, Ambajipeta Mandal, East Godavari 533 241	APEPDCL
133	Sri Chekuri Suryanarayana Raju, C/o Maridi Raju, Magam Post,Ainavilli Mandal, East Godavari 533 241	APEPDCL
134	M/s Abhijeet Ferrotech Ltd., Plot No. 50 and 51, APSEZ, Achuthapuram, Visakhapatnam 531 011	APEPDCL
135	Sri Veera Phanindra Tata Rao, S/o Veera Bapaiah Naidu, Pulletikurru, Ambajipeta(Mandal), East Godavari Dist. 533 239	APEPDCL
136	Sri Ch.Narasinga Rao, Secretary, Visakha Dist. Committee Communist Party of India (Marxist), # 28-6-8, Near Jagadamba Junction, Visakhapatnam 530 020	APEPDCL
137	Sri Ch.Raja Reddy, Ex-MLA, H.No.1-2-81, C/o G.Savithiramma, Besides Adarsh School, Janagaon, Warangal 506 167	APNPDCL
138	Sri V.Prabhakar, Secretary, CPI(ML), New Democracy, Armoor Division, H.No.3-8-207, Kota Galli, Nizambad 503 002	APNPDCL

Sl.No.	Name & Address of the Objector	Objection Related to
139	Sri Avula Venkateswarlu, Secretary, C.P.I.(ML) New Democracy,Khammam Division Committee, Narasayya Vijnana Kendram,N.S.P. Camp, Khammam 507 001	APNPDCL
140	Sri Ch.Ganga Reddy, Bharatiya Kisan Sangh, District President,H.No. 9-176, N.H-7 Road, Near Agricultural Market, Itchoda Village Post, Itchoda Mandal, Adilabad District.	APNPDCL
141	Dr. Narayana Reddy, Bharatiya Kisan Sangh, Regional Vice President, Venkatapuram Village, Nirmal Mandal, Adilabad District 504 101	APNPDCL
142	Sri Bhooma Reddy, Bharatiya Kisan Sangh, Jamidi Village, Tamasi Mandal, Adilabad dist. 504132	APNPDCL
143	Sri J.Sampath Rao, Bharatiya Kisan Sangh, Ramnagar post, opposite T.V.Tower, Karimnagar 505 001	APNPDCL
144	Dr. Raja Reddy, Bharatiya Kisan Sangh, Rayakal (Village & Mandal), Karimnagar 505 460	APNPDCL
145	Sri D.Ramu, Bharatiya Kisan Sangh, Regional Secretary, Flat No.203, 2-3-51, Classic Towers, Near 6 No. Bus Stop, Bagh Amber Pet, Hyderabad 500 013	APNPDCL
146	Sri Kanukula Ram Reddy, Bharatiya Kisan Sangh, Chityal Village, Chityal Mandal, Warangal 506 356	APNPDCL
147	Sri Kodila Sammaiah, Bharatiya Kisan Sangh, Chityal Village & Mandal, Warangal 506 356	APNPDCL
148	Sri M.Srinivasa Reddy, Bharatiya Kisan Sangh, H.No.2-10-1500, Jyothi Nagar, Karimnagar	APNPDCL
149	Sri M.Papi Reddy & M.Purushotham Reddy, Bharatiya Kisan Sangh, Revelle Post, Choppadandi Mandal, Karimnagar 505 415	APNPDCL
150	Sri K. Sai Reddy, Bharatiya Kisan Sangh, H.No 11-1-1815, Maruthi nagar, Nizamabad 503 002	APNPDCL
151	Sri L.Malla Reddy, Bharatiya Kisan Sangh, Bodhepally (V), Balkonda (M), Nizamabad	APNPDCL
152	Sri Gangaram, Bharatiya Kisan Sangh, Vajilnagar, (Anandapalli), Bichkunda (M), Nizamabad District	APNPDCL
153	Sri S.Bhaskara Rao, Bharatiya Kisan Sangh, Durga Nagar, Makullor (M) & Post, Nizamabad.	APNPDCL
154	Sri K. Lakshma Reddy, Bharatiya Kisan Sangh, Tanak kalan (Po), Yadapalli (M), Nizamabad.	APNPDCL
155	Sri Nayak Narasaiah, Ex-Counsellor, Nizamabad	APNPDCL
156	Smt. A.Swapna, Seetharam Nagar Colony, Nizamabad	APNPDCL
157	Sri T.Bhasker, 5-2-143, Mudiraj Street, Nizamabad	APNPDCL
158	Sri Melupula Bhumaiah, S/o Pochaiah, 3-3-568, Sai Nagar, Nizamabad 503 002	APNPDCL
159	Sri Akula Papaiah, Ex-Corporator, 3-3-560, Gayatri Nagar, Nizamabad	APNPDCL
160	Sri Subba Rao, Kapari Campus, Bodhan, Nizamabad 503 185	APNPDCL

Sl.No.	Name & Address of the Objector	Objection Related to
161	Sri Paruchuri Sridhar, Madhav Nagar, Nizamabad 503 002	APNPDCL
162	Sri D.Kishan, A.P.Beedi Workers Union, Ghanpur, Dichpally, Nizamabad 503 175	APNPDCL
163	Sri Velpur Boomaiah, Tanakurd(Village), Nizamabad	APNPDCL
164	P.Manasa, H.No.3-3-563, Kotagalli, Sai Nagar, 16th Division, Nizamabad 503 002	APNPDCL
165	Sri Boomaiah, Komanpally, Bodhan, Nizamabad dist.	APNPDCL
166	Sri P.Sujeeth Kumar, H.No.3-3-563, Kotagalli, Sai Nagar, 16th Division, Nizamabad 503 002	APNPDCL
167	Sri Raghavapuram Braham, H.No.3-3-570, 16th Division, Sai Nagar, Nizamabad 503 002	APNPDCL
168	Sri Appi Reddy,1-2-1064, Rakasipeta, Main Road, Bodhan, Nizamabad 503 185	APNPDCL
169	Sri G.P.Gangadhar, Beedi Workers Union, Ghanpur, Dichpally, Nizamabad 503 175	APNPDCL
170	Sri Ch.Saya Goud, Tanakurd(Village), Nizamabad Mandal, Nizamabad	APNPDCL
171	Sri Sai Baba, H.No.5-2-143, Mudhiraj Veedhi, Nizamabad	APNPDCL
172	Sri Salla Gangadhar, Arsapally, Nizamabad 503 003	APNPDCL
173	Smt. N.Swapna, H.No.3-7-501, Sai Priya Nagar, Nizamabad	APNPDCL
174	Sri Ramu, Ankol Campus, Banswada, Nizamabad 503 187	APNPDCL
175	Sri Boomanna, Sharamika Bhavan, Kotagally, Nizamabad 503 001	APNPDCL
176	Sri Srinivasa Rao, Nagan Palli Campus, Bhodan, Nizamabad 503 185	APNPDCL
177	Sri A.Ravinder (BPT), Care Phisotheriphy Clinic, Khalleelwadi, Nizamabad 503 001	APNPDCL
178	Sri Mamidala Venkat, Padma Nagar, Nizamabad	APNPDCL
179	Sri Vemulapalli Aruna Rekha, C/o Kutumba Rao, Madhava Nagar, Nizamabad 503 230	APNPDCL
180	Smt Aruna, C/o Akula Mallaiah, Kotagalli Misamma Street, Nizamabad 503 001	APNPDCL
181	Sri Sarampally Vaudeva Reddy, H.No.2-5-20, Ram Nagar, Hanmakonda, Warangal 506 001	APNPDCL
182	Sri B.Surender Reddy, MD, M/s Om Sri Sai Ferro Alloys Pvt. Ltd., Thimmanagaripalem(V), Kadivedu(P.O.), Chillakur Mandal,SPSR Nellore 524 410	APSPDCL
183	Sri P.Venkateswara Prasad, Managing Director, The Kuppam Rural Electricity Co-Operative Society Ltd., 14-308, Palace Road, Kuppam, Kadapa 517 425	APSPDCL
184	Sri D.V. Laxminarayana, Editor, Viniyoga Haakku (Masa Patrika), 4/14, Brodipeta, Guntur 522 002	APSPDCL
185	Sri D.Ramaswami Reddi, SE(Retd.), 21/72, Trunk Road, Seven Roads, Opp.Collectors Office, Kadapa 516 001	APSPDCL
186	Sri P.Penchala Reddy, S/o Rami Reddy, Penuballi (V), Buchhireddy Palem(M), SPSR Nellore 524 305	APSPDCL

Sl.No.	Name & Address of the Objector	Objection Related to
187	Sri Alturu Harisarvotham Reddy, S/o Bakthavatsal Reddy, Damaramadugu(V), Buchhireddy Palem(M), SPSR Nellore 524 305	APSPDCL
188	Sri Katuru Harikishore Reddy, S/o Ramakrishna Reddy, Paluru(V), Kovur(M), SPSR Nellore 524 137	APSPDCL
189	Sri Pundla Srinivasulu Reddy, S/o Ramana Reddy, Damaramadugu(V), Buchhireddy Palem(M), SPSR Nellore 524 305	APSPDCL
190	Sri K.Vanadri Naidu, S/o K.Ramaiah Naidu, Surineni Palli, Pakala, Chittoor 517 112	APSPDCL
191	Sri K.Vijayakumar Reddy, Secretary, Raithu Seva Samithi, Pedda Kannali(V), Thottam Bedu(M), Chittoor 517 642	APSPDCL
192	Sri M.R.Ramesh Bapu, G.M., Business Development, M/s Lanco Industries Ltd., Rachagunneri, Srikalahasti Mandal, Chittoor 517 641	APSPDCL
193	Sri Y.Siddaiah Naidu, President, Chittoor dist. Raithu Samaikhya, Diguvamagham, Chittoor 517 129	APSPDCL
194	Sri G.Ravichandra Naidu, S/o Chinnasami Naidu, Chavatapalli, P.Kothakota(Post), Puthalapattu(M), Chittoor 517 124	APSPDCL
195	Sri S.Chengalraya Reddy, S/o Ananda Reddy, Cherlopalli, P.Kothakota(Post), Puthalapattu(M), Chittoor 517 124	APSPDCL
196	Sri D.Munikrishnaiah, Vepana Palli(V), Tene Palli(Post), Puthalapattu(M), Chittoor 517 124	APSPDCL
197	Smt. P.Bharathi, Eguva Palaku(V), Palkuru(Post), Puthalapattu (M), Chittoor dist.	APSPDCL
198	Sri Santharam J. Pawar, D.No.1-354, P.V.R.Nagar, Jayaramrao Street, Srikalahasti, Chittoor 517 644	APSPDCL
199	Sri S.Mohan Rao, President, Rythu Seva Samithi, S/o Subba Rao, D.No.3/57, K.N.Street, Srikalahasti, Chittoor 517 644,	APSPDCL
200	Sri Y.Balaji Naidu, Peddi Naidu Kandriga (V), R.C.Puram(M), Chittoor 517 567	APSPDCL
201	Sri C.V.Mohan Rao, Secretary, Repalle pattanabhivrudhi Sangham, Repalle, Guntur 522 265	APSPDCL
202	Sri Meesala Basava Punnaiah, Chairman, Repalle Consumer's Council, 10-13-11/10, Uppudi Road, Repalle, Guntur 522 265	APSPDCL
203	Sri Kattamanchi Balakrishna Reddy, President, Chittoor District Vyavasaya Seva Sangham, 15-2294, Balaji Nagar Colony, C.B.Road, Chittoor 517 002	APSPDCL
204	Sri K.Sankar Reddy, S/o K.Kalappa Reddy, 24-9, L.N.Colony, Chittoor 517 001	APSPDCL
205	Sri B.Sankarappa Goud(B.S.Naidu), S/o B.Balaiah Naidu, Muddanapalli(Village & Post), Ramakuppam Mandal, Chittoor 517 401	APSPDCL

Sl.No.	Name & Address of the Objector	Objection Related to
206	Sri Srirama Narasimhulu Naidu, Pulicherla Mandala Raithu Leader, Kotapalli, Kalluru Revenue Village, Kalluru(Post), Chittoor 517 113	APSPDCL
207	Sri K.Rajendra Reddy, President, Rashtriya Raithu Seva Samithi, P.Kothakota, via Pakala(S.O.), Chittoor 517 112	APSPDCL
208	Sri Meesala Basava Punnaiah, President, A.P.State Hire Working(Non Trading) Rice Millers Association, Panchalavarapuvari Street, 9th Ward, Repalle, Guntur 522 265	APSPDCL
209	Sri C.H.Subrahmanyam Sastry, D.No.5-35-6, 3/17-18, Brodipeta,Guntur 522 002	APSPDCL
210	Sri Vankamaddi Ramakrishna, S/o Guruppa, Ramannagari Kummara Palli, M.K.Palli(Post), Via Kallur, Chittoor 517 113	APSPDCL
211	Sri V.Krishna Reddy, Ex-Sarpanch, Pulicherla, S/o late Pedda Madhava Reddy, Pulicherala(Post), Pulicherla(Mandal), Chittoor 517 172	APSPDCL
212	Sri Rachapalli Narasimha Reddy, S/o Muni Reddy, Cherkuvari palli Village & Post, via Kalluru, Chittoor 517 113	APSPDCL
213	Sri K.Venkatarami Reddy, President, Nyaya Samkshema Seva Samithi, Srinivasa Puram, M.K.Palli Post., Via Kalluru, Chittoor 517 113	APSPDCL
214	Sri Apichat Inchoopong, M/s Charoen Pokphand Seeds(India) Pvt. Ltd., 5-133, Billanapalli Road, Meerjapuram Village, Nuzvid Mandal, Krishna 521 111	APSPDCL
215	Sri G.Venkata Siddaiah Naidu, President, Chittoor Jilla Pakala Mandal Raithu Seva Sangham, Neladani Palli, Pakala Mandal, Chittoor 517 112	APSPDCL
216	Sri R.Kesavulu Naidu, Secretary, Chittoor Jilla, Pakala Mandal Raithu Seva Sangham, Neladani Palli, Pakala Mandal, Chittoor 517 112	APSPDCL
217	Sri P.Bhaskara Reddy, 19-9-60, 1st Floor, Sri Jayalakshmi Colony, Old Tiruchanoor Road, Tirupati, Chittoor 517 501	APSPDCL
218	M/s Consumers Guidance Society, Flat No.1, Door No.58-1-26, Veerapaneni Plaza, Patamata, Vijayawada 520 010	APSPDCL
219	Sri Cherku Rami Reddy, Cherukuvari Palli (Post), Kalluru, Chittoor 517 113	APSPDCL
220	Sri N.Gangaiah, M.K.Palli(P.O.), Kalluru, Chittoor 517 113	APSPDCL
221	Sri M.Pratap Reddy, Mamakuvari Palli, Kalluru, Chittoor 517 113	APSPDCL
222	Sri M.Vijaya Bhasker, Chief Secretary, Bharatiya Kisan Sangh, Tadigadapa, Krishna 521 137	APSPDCL
223	Sri Maganti Gopal Reddy, President, Federation of Farmers Association, 14-1-77/A, Nehru Street, Tirupati 517 502	APSPDCL

Sl.No.	Name & Address of the Objector	Objection Related to
224	Sri M.Raja Reddy, S/o M.Chengal Reddy, Yellampalli(V), Maddinayana Palli(B.P.O.), Pakala Mandal, Chittoor 517 112	APSPDCL
225	Sri Manduri Krishna, S/o Bhushaiah, Nagulapalem(V), Parchuru(M), Prakasam 523 169	APSPDCL
226	Sri Addagada Satish, S/o Venkat Rao, Nagulapalem(V), Parchuru(M), Prakasam 523 169	APSPDCL
227	Sri Gadagottu Srirambabu, S/o Kataiah, Poluru(Post), Yeddanapudi(M), Prakasam dist. 523 171	APSPDCL
228	Sri Malempati Satayanarayana, S/o Venkaiah, Swarna(Post), Karamchedu(M), Prakasam 523 170	APSPDCL
229	Sri A.Balaji, S/o A.Guruswami naidu, Kothapalli(V), Pedda Gorepadu(Post), Pakala Mandal, Chittoor 517 112	APSPDCL
230	Sri S.Naveen Babu, S/o S.Tyagaraja naidu, South 2nd cross, B.Mitta, Pakala Mandal, Chittoor 517 112	APSPDCL
231	Sri N.Lakshmi Narayana Chowdary, S/o N.Narayana Swamy Chowdary, A.P.Crane Growers Association(Chittoor dist.), Pakala Mandal, Chittoor 517 112	APSPDCL
232	Sri Srinivasulu Reddy, Pedda Ramapuram, Pedda Ramapuram Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL
233	Sri Yatish Reddy, Turpu Palli, Ganuga Penta Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL
234	Sri Umapati Reddy, Pedda Ramapuram, Pedda Ramapuram Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL
235	Sri P.Subba Reddy, Pedda Ramapuram,Pedda Ramapuram Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL
236	Sri P.Sambaiah Naidu, Adusupalli, Eramgari Palli Panchayat, Pakala Mandal, Chittoor dist. 517 112	APSPDCL
237	Sri Marthanda, Pedda Gorpadu(H.W.), Pedda Gorpadu Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL
238	Sri Pakala Vemaiah, S/o Venkatrao Mandidi, Chennagari palli Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL
239	Sri K.Chengal Reddy, Dhanujavari palli, Ganuga Penta Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL
240	Sri M.Siva Kumar, S/o Gurumurthy, Chennugari Palli Panchayat, Pakala(Post), Pakala Mandal, Chittoor 517 112	APSPDCL
241	Sri K.Mohan Naidu, S/o K.Doraswamy Naidu, Nallanivari Palli, Damal Cheruvu Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL
242	Sri M.Chandra Mouli Naidu, S/o Ramanath naidu, Eppakalva, Pedda Ramapuram Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL
243	Sri S.Babu Naidu, S/o S.Kodanda Naidu, Kotha Palli, Pedda Gorpadu Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL

Sl.No.	Name & Address of the Objector	Objection Related to
244	Sri Vayyala Krishna Reddy, Vice President, Raithu Sanghala Samakhya, Raithu Seva Samithi, Srikalahasti, Chittoor 517 644	APSPDCL
245	Sri Veluri Joga Rao, President, Guntur City Vidyut Viniyogadarula Seva Sangham, 1st Floor, Kubera Towers, 15/1 Arundelpet, Guntur 522 002	APSPDCL
246	Sri Cherku Rami Reddy, S/o Venkat Reddy, Cherkuvari Palli (Post), via Kalluru, Chittoor 517 113	APSPDCL
247	Sri Nallu Kummara Gangaiah, S/o Venkatappa, Rammannagari Kommara Palli, M.K.Palli (Post), Kalluru, Chittoor 517 113	APSPDCL
248	Sri Krishna Murthy Naidu, Kothur, Puthalapattu Mandal, Chittoor 517 124	APSPDCL
249	Sri B.Ramesh Naidu, Gummadivari Endlu, Upparavalli Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL
250	Sri J.Surendra Reddy, Samireddy Palli, Samireddy Palli Panchayat, Pakala Mandal, Chittor 517 112	APSPDCL
251	Sri P.Rajeswara Reddy, S/o P.Nagi Reddy, Samireddy Palli (Panchayat), Pakala Mandal, Chittoor 517 112	APSPDCL
252	Sri K.Chengalraya Naidu, S/o Govindu Naidu, Kundetivari Vari Palli, Panta Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL
253	Sri Kutati Chengal Reddy, Dhanujavari Palli, Pedda Ramapuram Post, Ganugapenta Panchayat, Pakala Mandal, Chittoor 517 112	APSPDCL

Annexure - D (i)

Stationwise, Monthwise Combined availability of energy for FY 2012-13 - As per DISCOMs filings

2012-13 - Energy Availability - As per ARR Filings

Generating Station	Energy Availability (MU)												
	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total
APGENCO													
Thermal													
VTPS I	248.20	256.60	248.20	128.30	219.36	186.15	256.60	248.20	256.60	256.60	231.78	256.60	**2,793.15**
VTPS II	248.20	256.60	248.20	256.60	256.60	186.15	192.45	248.20	256.60	256.60	231.78	256.60	**2,894.54**
VTPS III	248.20	256.60	186.15	256.60	256.60	248.20	256.60	248.20	256.60	256.60	231.78	256.60	**2,958.69**
VTPS IV	299.70	309.88	299.70	309.88	154.94	299.70	309.88	299.70	309.88	309.88	279.72	309.88	**3,492.71**
RTPP I	247.52	255.89	247.52	255.89	255.89	185.64	132.04	247.52	255.89	255.89	231.14	255.89	**2,826.73**
RTPP Stage-II	247.52	255.89	247.52	191.92	191.92	247.52	255.89	247.52	255.89	255.89	231.14	255.89	**2,884.52**
RTPP Stage-III	123.76	127.95	123.76	127.95	127.95	61.88	127.95	123.76	127.95	127.95	115.57	127.95	**1,444.35**
KTPS A	132.56	136.89	116.53	119.78	136.89	100.50	136.89	132.56	136.89	136.89	123.78	136.89	**1,547.09**
KTPS B	132.74	137.26	132.74	137.26	102.94	132.74	102.94	132.74	137.26	137.26	123.78	137.26	**1,546.91**
KTPS C	132.74	137.26	132.74	102.94	137.26	99.56	137.26	132.74	137.26	137.26	123.78	137.26	**1,548.04**
KTPS D	294.84	304.67	221.13	304.67	304.67	294.84	304.67	294.84	304.67	304.67	275.18	304.67	**3,513.51**
KTPS Stage VI	299.70	309.88	299.70	309.88	309.88	299.70	309.88	299.70	309.88	309.88	279.72	309.88	**3,647.65**
RTS B	34.76	35.95	34.76	35.95	-	34.76	35.95	34.76	35.95	35.95	32.49	35.95	**387.21**
NTS	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Kakatiya Thermal Power Plant Stage I	279.72	289.06	279.72	289.06	289.06	279.72	289.06	139.86	289.06	289.06	261.04	289.06	**3,263.49**
Kakatiya Thermal Power Plant Stage II	-	-	-	-	-	-	-	-	-	-	-	-	**-**
													-
TOTAL THERMAL	**2970.16**	**3070.35**	**2818.38**	**2826.65**	**2743.94**	**2657.06**	**2848.03**	**2830.30**	**3070.35**	**3070.35**	**2772.67**	**3070.35**	**34748.59**
MACHKUND PH AP Share	24.19	23.35	18.53	21.72	22.44	24.92	26.16	23.19	22.62	24.42	21.99	22.48	**276.00**
TUNGBHADRA PH AP Share	2.21	0.32	0.08	6.78	17.99	17.28	16.17	13.57	11.04	11.68	9.07	8.44	**114.62**
USL	27.51	24.42	22.83	30.22	31.05	26.06	25.22	22.55	29.01	34.80	36.97	42.83	**353.47**
LSR	75.34	62.26	56.09	68.86	72.20	70.72	72.63	63.31	69.51	81.74	81.71	91.55	**865.92**
DONKARAYI	6.15	4.50	4.26	4.78	6.19	6.32	7.03	6.54	7.44	8.47	8.31	8.99	**78.98**
SSLM	38.81	16.09	15.54	77.62	216.59	236.28	115.34	58.10	36.08	65.60	117.11	145.47	**1,138.64**
NSPH	52.88	21.21	28.35	120.64	209.28	258.37	165.31	78.04	39.20	69.47	95.16	127.86	**1,265.76**
NSRCPH	1.56	-	-	0.57	11.03	21.81	26.63	24.23	18.40	11.74	6.54	4.29	**126.81**
NSLCPH	0.41	-	-	0.47	5.38	11.68	13.49	11.34	7.69	4.55	1.63	0.60	**57.23**
POCHAMPAD PH	1.13	-	-	1.08	7.06	9.79	10.58	8.55	7.11	6.88	5.22	4.32	**61.72**
NIZAMSAGAR PH	0.66	0.11	-	0.06	0.45	1.36	1.77	0.62	0.68	1.46	1.30	1.41	**9.87**
PABM	0.03	0.06	0.04	0.02	0.87	1.03	1.10	1.20	0.69	0.38	0.09	0.16	**5.67**
MINI HYDRO&OTHERS	0.47	0.03	0.15	0.36	1.03	1.18	1.30	1.21	1.07	1.06	0.92	0.79	**9.60**
SINGUR	0.35	0.16	0.06	0.24	0.58	1.88	1.68	0.32	0.15	0.30	0.30	0.87	**6.88**
SSLM LCPH	58.10	24.09	23.26	116.20	324.19	353.64	187.55	84.40	51.44	98.20	187.92	195.44	**1,704.43**
Nagarjunasagar Tail Pond Dam P. H	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Priyadarshini Jurala Hydro E.P - AP Share	-	-	1.89	18.14	90.72	90.72	94.66	11.83	5.52	2.37	1.58	0.47	**317.91**
Lower Jurala Hydro Electric Project	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Pochampad Stage II	1.37	-	-	-	2.92	4.23	0.75	0.75	0.75	0.75	0.75	0.75	**13.02**
													-
TOTAL HYDRO	**291.18**	**176.60**	**171.08**	**467.77**	**1019.96**	**1137.24**	**767.36**	**409.73**	**308.42**	**423.87**	**576.58**	**656.73**	**6406.53**
TOTAL APGENCO	**3261.34**	**3246.95**	**2989.46**	**3294.42**	**3763.90**	**3794.30**	**3615.40**	**3240.04**	**3378.76**	**3494.22**	**3349.25**	**3727.08**	**41155.12**

Annexure - D (i)

Stationwise, Monthwise Combined availability of energy for FY 2012-13 - As per DISCOMs filings

2012-13 - Energy Availability - As per ARR Filings

Generating Station	Energy Availability (MU)												
	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total
Central Generating Stations													
NTPC													
NTPC (SR)													
NTPC (SR)	419.71	433.67	379.78	413.54	433.67	336.29	350.24	419.71	433.67	433.67	391.47	433.67	**4879.06**
NTPC (SR) Stage III	105.18	108.58	105.18	68.54	-	101.79	108.58	105.18	108.58	108.58	98.06	108.58	**1126.82**
Total NTPC(SR)	**524.89**	**542.24**	**484.97**	**482.08**	**433.67**	**438.08**	**458.82**	**524.89**	**542.24**	**542.24**	**489.53**	**542.24**	**6005.88**
NTPC (ER)													
Talcher - Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Talcher Stage 2	270.26	279.28	233.59	190.35	190.56	239.94	236.25	238.91	234.00	258.58	252.23	279.28	2903.23
Others	-	-	-	-	-	-	-	-	-	-	-	-	-
Total NTPC(ER)	**270.26**	**279.28**	**233.59**	**190.35**	**190.56**	**239.94**	**236.25**	**238.91**	**234.00**	**258.58**	**252.23**	**279.28**	**2903.23**
Total NTPC	**795.15**	**821.52**	**718.55**	**672.43**	**624.22**	**678.01**	**695.07**	**763.80**	**776.24**	**800.83**	**741.76**	**821.52**	**8909.11**
NLC TS-II													
Stage-I	67.11	69.15	67.11	46.24	55.24	67.11	52.79	24.96	44.81	66.29	62.61	69.15	692.57
Stage-II	112.69	116.12	112.69	116.12	96.06	77.06	81.28	102.66	93.95	116.12	104.50	116.12	1245.34
Total NLC	**179.79**	**185.27**	**179.79**	**162.36**	**151.30**	**144.17**	**134.07**	**127.62**	**138.76**	**182.41**	**167.11**	**185.27**	**1937.92**
NPC													
NPC-MAPS	17.59	18.77	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	226.36
NPC-Kaiga unit I	63.73	68.56	67.61	61.76	45.46	63.49	63.73	68.56	67.61	61.76	45.46	63.49	741.24
NPC-Kaiga unit II	63.73	68.56	67.61	61.76	45.46	63.49	63.73	68.56	67.61	61.76	45.46	63.49	741.24
Total NPC	**145.05**	**155.90**	**154.22**	**142.52**	**109.93**	**145.97**	**146.46**	**156.13**	**154.22**	**142.52**	**109.93**	**145.97**	**1708.83**
NTPC - Simhadri													
NTPC Simhadri Stage I	609.00	629.00	609.00	629.00	465.00	528.00	629.00	609.00	671.00	671.00	606.00	671.00	7326.00
NTPC Simhadri Stage II	174.00	180.00	174.00	180.00	180.00	343.00	355.00	169.00	368.00	386.00	346.00	398.00	3253.00
Total NTPC- Simhadri	**783.00**	**809.00**	**783.00**	**809.00**	**645.00**	**871.00**	**984.00**	**778.00**	**1039.00**	**1057.00**	**952.00**	**1069.00**	**10579.00**
CGS - New													
	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL CGS	**1903.00**	**1971.69**	**1835.57**	**1786.31**	**1530.45**	**1839.15**	**1959.60**	**1825.55**	**2108.22**	**2182.75**	**1970.80**	**2221.76**	**23134.85**
APGPCL													
APGPCL I - Allocated capacity	5.19	5.37	5.19	5.37	5.37	6.52	5.37	5.19	5.37	5.37	4.85	5.37	64.53
APGPCL I - Unutilised capacity	-	-	-	-	-	-	-	-	-	-	-	-	-
APGPCL II - Allocated capacity	17.59	18.18	17.59	18.18	18.18	13.49	18.18	17.59	18.18	18.18	16.42	18.18	209.90
APGPCL II - Unutilised capacity	-	-	-	-	-	-	-	-	-	-	-	-	-
Total APGPCL	**22.78**	**23.54**	**22.78**	**23.54**	**23.54**	**20.01**	**23.54**	**22.78**	**23.54**	**23.54**	**21.27**	**23.54**	**274.44**

Annexure - D (i)

Stationwise, Monthwise Combined availability of energy for FY 2012-13 - As per DISCOMs filings

2012-13 - Energy Availability - As per ARR Filings

Generating Station	Energy Availability (MU)												
	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total
IPPS													
GVK	111.13	113.63	111.02	117.73	118.30	113.29	117.39	114.54	119.78	121.03	106.01	117.96	**1381.80**
Spectrum	102.81	111.06	106.33	112.56	112.83	108.86	115.38	77.37	117.99	117.65	108.10	118.23	**1309.16**
Kondapalli (Naphtha)	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Kondapalli (Gas)	196.92	201.16	193.46	210.50	207.13	200.29	121.60	200.34	210.50	207.08	186.76	210.50	**2346.25**
BSES	118.42	119.41	118.42	122.40	119.41	118.42	122.40	103.49	122.40	122.40	111.45	122.40	**1421.01**
GVK Extension	115.24	119.08	115.24	112.13	119.08	57.04	37.35	115.24	119.08	119.08	107.55	119.08	**1255.16**
Vemagiri	201.99	200.27	193.81	209.56	200.27	193.81	209.56	193.81	200.27	209.56	180.89	200.27	**2394.04**
Gautami	243.04	251.14	243.04	239.11	251.14	243.04	114.18	150.84	198.37	198.37	226.84	251.14	**2610.25**
Konaseema	232.61	240.36	232.61	240.36	240.36	123.27	240.36	232.61	240.36	240.36	217.10	240.36	**2720.74**
													-
TOTAL IPPS	**1322.16**	**1356.11**	**1313.91**	**1364.35**	**1368.52**	**1158.02**	**1078.20**	**1188.23**	**1328.73**	**1335.52**	**1244.71**	**1379.94**	**15438.41**
NCE													
NCE - Bio-Mass	55.00	71.97	69.07	57.28	44.96	31.83	38.12	37.50	47.03	61.11	75.64	98.14	687.64
NCE - Bagasse	5.48	7.51	24.27	24.96	21.50	11.86	12.59	9.90	31.80	44.35	46.29	46.36	286.87
NCE - Municipal Waste to Energy	-	-	-	-	-	-	-	-	-	-	-	-	0.00
NCE - Industrial Waste based power	4.86	4.49	3.35	2.88	1.38	0.60	3.55	4.90	5.11	6.49	9.55	11.32	58.48
NCE - Wind Power	1.08	1.40	5.42	9.50	16.05	4.33	1.13	5.54	50.01	0.48	11.98	16.62	123.53
NCE - Mini Hydel	2.64	6.67	5.24	6.69	10.51	13.03	17.62	20.77	20.72	19.96	21.08	19.77	164.69
NCE - NCL Energy Ltd	-	-	-	0.14	3.60	4.06	4.08	2.05	3.58	2.82	0.67	-	21.00
NCE-Others	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	4.85
TOTAL NCE	**69.46**	**92.44**	**107.76**	**101.84**	**98.40**	**66.12**	**77.49**	**81.08**	**158.64**	**135.61**	**165.60**	**192.61**	**1347.05**
OTHERS													
Srivathsa	12.00	12.00	12.00	12.00	11.00	8.50	8.50	8.00	8.00	8.00	8.00	6.00	114.00
LVS	0.00	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00
Vishakapatnam Steel Plant	-	-	-	-	-	-	-	-	-	-	-	-	-
NB Ferro Alloys	-	-	-	-	-	-	-	-	-	-	-	-	-
													-
TOTAL OTHERS	**12.00**	**12.00**	**12.00**	**12.00**	**11.00**	**8.50**	**8.50**	**8.00**	**8.00**	**8.00**	**8.00**	**6.00**	**114.00**
MARKET													
PTC	-	-	-	-	-	-	-	-	-	-	-	-	-
UI	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Short Term Sources	937.40	325.10	773.34	987.28	1,234.98	1,047.71	1,271.04	707.20	264.68	918.00	1,478.23	2,504.58	12,449.54
Pool Transaction (Purchases)	98.92	338.60	349.95	223.56	218.43	117.56	208.66	289.39	70.99	183.37	129.22	241.84	2,470.49
Pool Transaction (Sales)	-98.92	-338.60	-349.95	-223.56	-218.43	-117.56	-208.66	-289.39	-70.99	-183.37	-129.22	-241.84	-2,470.49
													-
TOTAL MARKET	**937.40**	**325.10**	**773.34**	**987.28**	**1234.98**	**1047.71**	**1271.04**	**707.20**	**264.68**	**918.00**	**1478.23**	**2504.58**	**12449.54**
TOTAL (From All Sources)	**7528.14**	**7027.83**	**7054.82**	**7569.74**	**8030.80**	**7933.82**	**8033.77**	**7072.88**	**7270.58**	**8097.65**	**8237.85**	**10055.52**	**93913.40**

ANNEXURE - D(ii)

STATION-WISE AND MONTH-WISE AVAILABILITY OF ENERGY FOR FY 2012-13

Energy Availability - APERC

Generating Station	Var. Cost (Rs. / kWh)	Energy Availability (MU)												
		Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total
APGENCO														
Thermal														
VTPS I	1.94	251.11	259.48	251.11	131.16	222.22	187.64	259.48	251.11	259.48	259.48	234.37	259.48	2826.09
VTPS II	1.94	253.86	262.33	253.86	262.33	262.33	190.40	198.86	253.86	262.33	262.33	236.94	262.33	2961.76
VTPS III	1.94	253.86	262.33	190.40	262.33	262.33	253.86	262.33	253.86	262.33	262.33	236.94	262.33	3025.22
VTPS IV	2.65	312.08	322.48	312.08	322.48	166.44	312.08	322.48	312.08	322.48	322.48	291.27	322.48	3640.88
RTPP I	2.18	250.42	258.76	250.42	258.76	258.76	187.13	134.93	250.42	258.76	258.76	233.72	258.76	2859.62
RTPP Stage-II	2.18	253.17	261.61	253.17	198.32	198.32	253.17	261.61	253.17	261.61	261.61	236.29	261.61	2953.64
RTPP Stage-III	2.18	126.58	130.80	126.58	130.80	130.80	63.29	130.80	126.58	130.80	130.80	118.15	130.80	1476.82
KTPS A	1.35	132.63	137.05	116.05	120.47	137.05	99.47	137.05	132.63	137.05	137.05	123.79	137.05	1547.38
KTPS B	1.35	132.63	137.05	132.63	137.05	103.90	132.63	103.90	132.63	137.05	137.05	123.79	137.05	1547.38
KTPS C	1.35	132.63	137.05	132.63	103.90	137.05	99.47	137.05	132.63	137.05	137.05	123.79	137.05	1547.38
KTPS D	1.49	301.39	311.44	226.04	311.44	311.44	301.39	311.44	301.39	311.44	311.44	281.30	311.44	3591.59
KTPS Stage VI	1.76	306.36	316.57	306.36	316.57	316.57	306.36	316.57	306.36	316.57	316.57	285.94	316.57	3727.38
RTS B	1.94	34.81	35.97	34.81	35.97	1.16	34.81	35.97	34.81	35.97	35.97	32.49	35.97	388.68
NTS	-													-
Kakatiya Thermal Power Plant Stage I	1.75	299.70	309.69	299.70	309.69	309.69	299.70	309.69	149.85	309.69	309.69	279.72	309.69	3496.50
Kakatiya Thermal Power Plant Stage II	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL THERMAL		**3041.24**	**3142.61**	**2885.85**	**2901.27**	**2818.07**	**2721.41**	**2922.16**	**2891.39**	**3142.61**	**3142.61**	**2838.49**	**3142.61**	**35590.32**
MACHKUND PH AP Share	-	24.19	23.35	18.53	21.72	22.44	24.92	26.16	23.19	22.62	24.42	21.99	22.48	**276.00**
TUNGBHADRA PH AP Share	-	2.21	0.32	0.08	6.78	17.99	17.28	16.17	13.57	11.04	11.68	9.07	8.44	**114.62**
USL	-	27.51	24.42	22.83	30.22	31.05	26.06	25.22	22.55	29.01	34.80	36.97	42.83	**353.47**
LSR	-	75.34	62.26	56.09	68.86	72.20	70.72	72.63	63.31	69.51	81.74	81.71	91.55	**865.92**
DONKARAYI	-	6.15	4.50	4.26	4.78	6.19	6.32	7.03	6.54	7.44	8.47	8.31	8.99	**78.98**
SSLM	-	38.81	16.09	15.54	77.62	216.59	236.28	115.34	58.10	36.08	65.60	117.11	145.47	**1138.64**
NSPH	-	52.88	21.21	28.35	120.64	209.28	258.37	165.31	78.04	39.20	69.47	95.16	127.86	**1265.76**
NSRCPH	-	1.56	-	-	0.57	11.03	21.81	26.63	24.23	18.40	11.74	6.54	4.29	**126.81**
NSLCPH	-	0.41	-	-	0.47	5.38	11.68	13.49	11.34	7.69	4.55	1.63	0.60	**57.23**
POCHAMPAD PH	-	1.13	-	-	1.08	7.06	9.79	10.58	8.55	7.11	6.88	5.22	4.32	**61.72**
NIZAMSAGAR PH	-	0.66	0.11	-	0.06	0.45	1.36	1.77	0.62	0.68	1.46	1.30	1.41	**9.87**
PABM	-	0.03	0.06	0.04	0.02	0.87	1.03	1.10	1.20	0.69	0.38	0.09	0.16	**5.67**
MINI HYDRO&OTHERS	-	0.47	0.03	0.15	0.36	1.03	1.18	1.30	1.21	1.07	1.06	0.92	0.79	**9.60**
SINGUR	-	0.35	0.16	0.06	0.24	0.58	1.88	1.68	0.32	0.15	0.30	0.30	0.87	**6.88**
SSLM LCPH	-	58.10	24.09	23.26	116.20	324.19	353.64	187.55	84.40	51.44	98.20	187.92	195.44	**1704.43**
Nagarjunasagar Tail Pond Dam PH	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Priyadarshini Jurala HEP- AP Share	-	-	-	1.89	18.14	90.72	90.72	94.66	11.83	5.52	2.37	1.58	0.47	**317.91**
Lower Jurala Hydro Electric Project	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.00**

ANNEXURE - D(ii)

STATION-WISE AND MONTH-WISE AVAILABILITY OF ENERGY FOR FY 2012-13

Energy Availability - APERC

Generating Station	Var. Cost (Rs. / kWh)	Energy Availability (MU)												
		Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total
Pochampadu-IV (New project)	-	1.37	-	-	-	2.92	4.23	0.75	0.75	0.75	0.75	0.75	0.75	**13.02**
TOTAL HYDRO		**291.18**	**176.60**	**171.08**	**467.77**	**1019.96**	**1137.24**	**767.36**	**409.73**	**308.42**	**423.87**	**576.58**	**656.73**	**6406.53**
TOTAL APGENCO		**3332.41**	**3319.21**	**3056.92**	**3369.04**	**3838.03**	**3858.64**	**3689.52**	**3301.12**	**3451.03**	**3566.49**	**3415.07**	**3799.35**	**41996.84**
Central Generating Stations														
NTPC - NTPC (SR)														
NTPC (SR)	1.74	463.54	473.98	457.97	331.30	449.96	449.96	470.50	414.47	448.92	473.98	451.70	478.85	**5365.12**
NTPC (SR) Stage III	1.74	117.00	121.00	117.00	121.00	121.00	117.00	121.00	117.00	121.00	121.00	109.00	121.00	**1424.00**
Total NTPC(SR)		**580.54**	**594.98**	**574.97**	**452.30**	**570.96**	**566.96**	**591.50**	**531.47**	**569.92**	**594.98**	**560.70**	**599.85**	**6789.12**
NTPC - NTPC (ER)														
Farakka	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Kahalgaon	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Talcher - Stage 1	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Talcher Stage 2	0.82	287.53	297.07	215.70	253.24	248.47	197.47	297.07	287.53	297.07	300.11	280.80	300.11	**3,262.16**
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Total NTPC(ER)		**287.53**	**297.07**	**215.70**	**253.24**	**248.47**	**197.47**	**297.07**	**287.53**	**297.07**	**300.11**	**280.80**	**300.11**	**3262.16**
Total NTPC		**868.06**	**892.05**	**790.67**	**705.54**	**819.43**	**764.43**	**888.57**	**818.99**	**866.99**	**895.09**	**841.50**	**899.96**	**10051.28**
NLC TS-II														
Stage-I	1.92	66.79	69.57	60.18	53.14	69.57	52.92	44.17	54.20	57.83	69.57	64.66	69.57	**732.18**
Stage-II	1.92	117.18	116.09	117.18	101.10	84.75	99.74	106.82	85.02	89.65	120.99	113.63	120.99	**1273.12**
Total NLC		**183.97**	**185.65**	**177.35**	**154.23**	**154.32**	**152.66**	**150.99**	**139.22**	**147.48**	**190.56**	**178.29**	**190.56**	**2005.30**
NPC														
NPC-MAPS	1.99	17.59	18.77	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	**226.36**
NPC-Kaiga unit I	3.04	63.73	68.56	67.61	61.76	45.46	63.49	63.73	68.56	67.61	61.76	45.46	63.49	**741.24**
NPC-Kaiga unit II	3.04	63.73	68.56	67.61	61.76	45.46	63.49	63.73	68.56	67.61	61.76	45.46	63.49	**741.24**
Total NPC		**145.05**	**155.90**	**154.22**	**142.52**	**109.93**	**145.97**	**146.46**	**156.13**	**154.22**	**142.52**	**109.93**	**145.97**	**1708.83**
NTPC - Simhadri														
NTPC Simhadri Stage I	2.10	640.00	661.00	640.00	661.00	490.00	469.00	661.00	640.00	661.00	661.00	597.00	661.00	**7442.00**
NTPC Simhadri Stage II	2.10	174.00	180.00	174.00	180.00	180.00	343.00	355.00	169.00	368.00	386.00	346.00	398.00	**3253.00**
Total NTPC- Simhadri		**814.00**	**841.00**	**814.00**	**841.00**	**670.00**	**812.00**	**1016.00**	**809.00**	**1029.00**	**1047.00**	**943.00**	**1059.00**	**10695.00**
CGS - New		-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL CGS		**2011.08**	**2074.60**	**1936.24**	**1843.29**	**1753.67**	**1875.06**	**2202.03**	**1923.35**	**2197.70**	**2275.17**	**2072.72**	**2295.49**	**24460.41**

ANNEXURE - D(ii)

STATION-WISE AND MONTH-WISE AVAILABILITY OF ENERGY FOR FY 2012-13

Energy Availability - APERC

Generating Station	Var. Cost (Rs. / kWh)	Energy Availability (MU)												
		Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Total
APGPCL														
APGPCL I - Allocated capacity	1.89	5.53	5.72	3.61	5.72	10.42	5.53	5.72	5.53	5.72	5.72	5.35	5.72	**70.27**
APGPCL I - Unutilised capacity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APGPCL II - Allocated capacity	1.79	18.61	19.23	18.61	19.23	0.62	18.61	19.23	18.61	19.23	19.23	17.99	19.23	**208.43**
APGPCL II - Unutilised capacity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total APGPCL	**1.82**	**24.14**	**24.95**	**22.22**	**24.95**	**11.04**	**24.14**	**24.95**	**24.14**	**24.95**	**24.95**	**23.34**	**24.95**	**278.70**
IPPS														
GVK	2.07	94.45	77.90	97.20	97.89	101.34	96.51	102.03	99.27	104.10	101.34	91.69	99.27	**1163.00**
Spectrum	1.77	92.71	94.29	91.54	95.88	95.74	92.33	96.14	93.03	72.20	96.47	86.74	95.94	**1103.00**
Kondapalli (Naphtha)	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Kondapalli (Gas)	2.04	145.29	165.09	159.38	173.43	170.65	165.01	173.43	145.61	170.61	173.43	159.46	170.61	**1972.00**
BSES (Reliance)	1.72	100.08	100.93	100.08	103.45	100.93	100.08	103.45	87.47	103.45	103.45	94.19	103.45	**1201.00**
GVK Extension	1.80	44.71	46.20	44.71	43.51	46.20	22.13	14.49	44.71	46.20	46.20	41.73	46.20	**487.00**
Vemagiri	1.80	78.38	77.71	75.21	81.32	77.71	75.21	81.32	75.21	77.71	81.32	70.19	77.71	**929.00**
Gautami	1.80	94.32	97.47	94.32	92.79	97.47	94.32	44.31	58.54	76.98	76.98	88.03	97.47	**1013.00**
Konaseema	1.80	90.28	93.29	90.28	93.29	93.29	47.84	93.29	90.28	93.29	93.29	84.26	93.29	**1056.00**
TOTAL IPPS		**740.23**	**752.88**	**752.72**	**781.56**	**783.33**	**693.44**	**708.45**	**694.12**	**744.54**	**772.48**	**716.30**	**783.94**	**8924.00**
NCE														
NCE - Bio-Mass	3.55	55.00	71.97	69.07	57.28	44.96	31.83	38.12	37.50	47.03	61.11	75.64	98.14	**687.64**
NCE - Bagasse	2.90	5.48	7.51	24.27	24.96	21.50	11.86	12.59	9.90	31.80	44.35	46.29	46.36	**286.87**
NCE - Municipal Waste to Energy	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**
NCE - Industrial Waste based power project	4.17	4.86	4.49	3.35	2.88	1.38	0.60	3.55	4.90	5.11	6.49	9.55	11.32	**58.48**
NCE - Wind Power	3.42	1.08	1.40	5.42	9.50	16.05	4.33	1.13	5.54	50.01	0.48	11.98	16.62	**123.53**
NCE - Mini Hydel	2.05	2.64	6.67	5.24	6.69	10.51	13.03	17.62	20.77	20.72	19.96	21.08	19.77	**164.69**
NCE - NCL Energy Ltd	1.78	-	-	-	0.14	3.60	4.06	4.08	2.05	3.58	2.82	0.67	0.00	**21.00**
NCE-Others	5.43	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	**4.85**
TOTAL NCE	3.23	**69.46**	**92.44**	**107.76**	**101.84**	**98.40**	**66.12**	**77.49**	**81.08**	**158.64**	**135.61**	**165.60**	**192.61**	**1347.05**
OTHERS														
Srivathsa	2.20	12.00	12.00	12.00	12.00	11.00	8.50	8.50	8.00	8.00	8.00	8.00	6.00	**114.00**
LVS	10.14	-	-	-	-	-	-	-	-	-	-	-	-	**-**
TOTAL OTHERS		**12.00**	**12.00**	**12.00**	**12.00**	**11.00**	**8.50**	**8.50**	**8.00**	**8.00**	**8.00**	**8.00**	**6.00**	**114.00**
TOTAL (From All Sources)		**6189.33**	**6276.08**	**5887.87**	**6132.68**	**6495.47**	**6525.91**	**6710.93**	**6031.80**	**6584.86**	**6782.69**	**6401.04**	**7102.33**	**77121.00**

Annexure - D(iii)

Energy Desptch - APERC

STATION-WISE AND MONTHWISE DESPATCHOF ENERGY FOR FY 2012-13

Generating Station	Var. Cost (Rs. / kWh)	Net Energy Availability (MU)												
		Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
NCE														
NCE - Bio-Mass	3.55	55.00	71.97	69.07	57.28	44.96	31.83	38.12	37.50	47.03	61.11	75.64	98.14	687.64
NCE - Bagasse	2.90	5.48	7.51	24.27	24.96	21.50	11.86	12.59	9.90	31.80	44.35	46.29	46.36	286.87
NCE - Municipal Waste to Energy	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NCE - Industrial Waste based power project	4.17	4.86	4.49	3.35	2.88	1.38	0.60	3.55	4.90	5.11	6.49	9.55	11.32	58.48
NCE - Wind Power	3.42	1.08	1.40	5.42	9.50	16.05	4.33	1.13	5.54	50.01	0.48	11.98	16.62	123.53
NCE - Mini Hydel	2.05	2.64	6.67	5.24	6.69	10.51	13.03	17.62	20.77	20.72	19.96	21.08	19.77	164.69
NCE - NCL Energy Ltd	1.78	-	-	-	0.14	3.60	4.06	4.08	2.05	3.58	2.82	0.67	-	21.00
NCE-Others	5.43	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	4.85
TOTAL NCE		**69.46**	**92.44**	**107.76**	**101.84**	**98.40**	**66.12**	**77.49**	**81.08**	**158.64**	**135.61**	**165.60**	**192.61**	**1347.05**
NPC														
NPC-MAPS	1.99	17.59	18.77	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	226.36
NPC-Kaiga unit I	3.04	63.73	68.56	67.61	61.76	45.46	63.49	63.73	68.56	67.61	61.76	45.46	63.49	741.24
NPC-Kaiga unit II	3.04	63.73	68.56	67.61	61.76	45.46	63.49	63.73	68.56	67.61	61.76	45.46	63.49	741.24
Total NPC		145.05	155.90	154.22	142.52	109.93	145.97	146.46	156.13	154.22	142.52	109.93	145.97	1708.83
Total of Must-Run Stations :		**214.51**	**248.34**	**261.98**	**244.36**	**208.33**	**212.09**	**223.96**	**237.21**	**312.87**	**278.13**	**275.53**	**338.58**	**3055.89**
MACHKUND PH AP Share	-	24.19	23.35	18.53	21.72	22.44	24.92	26.16	23.19	22.62	24.42	21.99	22.48	276.00
TUNGBHADRA PH AP Share	-	2.21	0.32	0.08	6.78	17.99	17.28	16.17	13.57	11.04	11.68	9.07	8.44	114.62
USL	-	27.51	24.42	22.83	30.22	31.05	26.06	25.22	22.55	29.01	34.80	36.97	42.83	353.47
LSR	-	75.34	62.26	56.09	68.86	72.20	70.72	72.63	63.31	69.51	81.74	81.71	91.55	865.92
DONKARAYI	-	6.15	4.50	4.26	4.78	6.19	6.32	7.03	6.54	7.44	8.47	8.31	8.99	78.98
SSLM RBPH	-	38.81	16.09	15.54	77.62	216.59	236.28	115.34	58.10	36.08	65.60	117.11	145.47	1,138.64
NSPH	-	52.88	21.21	28.35	120.64	209.28	258.37	165.31	78.04	39.20	69.47	95.16	127.86	1,265.76
NSRCPH	-	1.56	-	-	0.57	11.03	21.81	26.63	24.23	18.40	11.74	6.54	4.29	126.81
NSLCPH	-	0.41	-	-	0.47	5.38	11.68	13.49	11.34	7.69	4.55	1.63	0.60	57.23
POCHAMPAD PH	-	1.13	-	-	1.08	7.06	9.79	10.58	8.55	7.11	6.88	5.22	4.32	61.72
NIZAMSAGAR PH	-	0.66	0.11	-	0.06	0.45	1.36	1.77	0.62	0.68	1.46	1.30	1.41	9.87
PABM	-	0.03	0.06	0.04	0.02	0.87	1.03	1.10	1.20	0.69	0.38	0.09	0.16	5.67
MINI HYDRO&OTHERS	-	0.47	0.03	0.15	0.36	1.03	1.18	1.30	1.21	1.07	1.06	0.92	0.79	9.60
SINGUR	-	0.35	0.16	0.06	0.24	0.58	1.88	1.68	0.32	0.15	0.30	0.30	0.87	6.88
SSLM LBPH	-	58.10	24.09	23.26	116.20	324.19	353.64	187.55	84.40	51.44	98.20	187.92	195.44	1,704.43
Priyadarshini Jurala HEP- AP Share	-	-	-	1.89	18.14	90.72	90.72	94.66	11.83	5.52	2.37	1.58	0.47	317.91
Pochampadu-IV (New project)	-	1.37	-	-	-	2.92	4.23	0.75	0.75	0.75	0.75	0.75	0.75	13.02
KTPS A	1.35	132.63	137.05	116.05	120.47	137.05	99.47	137.05	132.63	137.05	137.05	123.79	137.05	1,547.38
KTPS B	1.35	132.63	137.05	132.63	137.05	103.90	132.63	103.90	132.63	137.05	137.05	123.79	137.05	1,547.38
KTPS C	1.35	132.63	137.05	132.63	103.90	137.05	99.47	137.05	132.63	137.05	137.05	123.79	137.05	1,547.38
KTPS V / D	1.49	301.39	311.44	226.04	311.44	311.44	301.39	311.44	301.39	311.44	311.44	281.30	311.44	3,591.59

Annexure - D(iii)

Energy Desptch - APERC

STATION-WISE AND MONTHWISE DESPATCHOF ENERGY FOR FY 2012-13

Generating Station	Var. Cost (Rs. / kWh)	Net Energy Availability (MU)												
		Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
BSES (Reliance)	1.72	100.08	100.93	100.08	103.45	100.93	100.08	103.45	87.47	103.45	103.45	94.19	103.45	1,201.00
NTPC (SR)	1.74	463.54	473.98	457.97	331.30	449.96	449.96	470.50	414.47	448.92	473.98	451.70	478.85	5,365.12
NTPC (SR) Stage III	1.74	117.00	121.00	117.00	121.00	121.00	117.00	121.00	117.00	121.00	121.00	109.00	121.00	1,424.00
Kakatiya Thermal Power Plant Stage I	1.75	299.70	309.69	299.70	309.69	309.69	299.70	309.69	149.85	309.69	309.69	279.72	309.69	3,496.50
KTPS Stage VI	1.76	306.36	316.57	306.36	316.57	316.57	306.36	316.57	306.36	316.57	316.57	285.94	316.57	3,727.38
Spectrum	1.77	92.71	94.29	91.54	95.88	95.74	92.33	96.14	93.03	72.20	96.47	86.74	95.94	1,103.00
APGPCL II - Allocated capacity	1.79	18.61	19.23	18.61	19.23	0.62	18.61	19.23	18.61	19.23	19.23	17.99	19.23	208.43
GVK Extension	1.80	44.71	46.20	44.71	43.51	46.20	22.13	14.49	44.71	46.20	46.20	41.73	46.20	487.00
Vemagiri	1.80	78.38	77.71	75.21	81.32	77.71	75.21	81.32	75.21	77.71	81.32	70.19	77.71	929.00
Gautami	1.80	94.32	97.47	94.32	92.79	97.47	94.32	44.31	58.54	76.98	76.98	88.03	97.47	1,013.00
Konaseema	1.80	90.28	93.29	90.28	93.29	93.29	47.84	93.29	90.28	93.29	93.29	84.26	93.29	1,056.00
APGPCL I - Allocated capacity	1.89	5.53	5.72	3.61	5.72	10.42	5.53	5.72	5.53	5.72	5.72	5.35	5.72	70.27
NLC TS-II Stage-I	1.92	66.79	69.57	60.18	53.14	69.57	52.92	44.17	54.20	57.83	69.57	64.66	69.57	732.18
NLC TS-II Stage-II	1.92	117.18	116.09	117.18	101.10	84.75	99.74	106.82	85.02	89.65	120.99	113.63	120.99	1,273.12
VTPS I	1.94	251.11	259.48	251.11	131.16	222.22	187.64	259.48	251.11	259.48	259.48	234.37	259.48	2,826.09
VTPS II	1.94	253.86	262.33	253.86	262.33	262.33	190.40	198.86	253.86	262.33	262.33	236.94	262.33	2,961.76
VTPS III	1.94	253.86	262.33	190.40	262.33	262.33	253.86	262.33	253.86	262.33	262.33	236.94	262.33	3,025.22
RTS B	1.94	34.81	35.97	34.81	35.97	1.16	34.81	35.97	34.81	35.97	35.97	32.49	35.97	388.68
Kondapalli (Gas)	2.04	145.29	165.09	159.38	173.43	170.65	165.01	173.43	145.61	170.61	173.43	159.46	170.61	1,972.00
GVK	2.07	94.45	77.90	97.20	97.89	101.34	96.51	102.03	99.27	104.10	101.34	91.69	99.27	1,163.00
NTPC Simhadri Stage I	2.10	640.00	661.00	640.00	661.00	490.00	469.00	661.00	640.00	661.00	661.00	597.00	661.00	7,442.00
NTPC Simhadri Stage II	2.10	174.00	180.00	174.00	180.00	180.00	343.00	355.00	169.00	368.00	386.00	346.00	398.00	3,253.00
RTPP I	2.18	250.42	258.76	250.42	258.76	258.76	187.13	134.93	250.42	258.76	258.76	233.72	258.76	2,859.62
RTPP Stage-II	2.18	253.17	261.61	253.17	198.32	198.32	253.17	261.61	253.17	261.61	261.61	236.29	261.61	2,953.64
RTPP Stage-III	2.18	126.58	130.80	126.58	130.80	130.80	63.29	130.80	126.58	130.80	130.80	118.15	130.80	1,476.82
Talcher Stage 2	2.19	287.53	297.07	215.70	253.24	248.47	197.47	297.07	287.53	297.07	300.11	280.80	300.11	3,262.16
Srivathsa	2.20	12.00	12.00	12.00	12.00	11.00	8.50	8.50	8.00	8.00	8.00	8.00	6.00	114.00
VTPS IV	2.65	312.08	322.48	312.08	322.48	166.44	312.08	322.48	312.08	322.48	322.48	291.27	322.48	3,640.88
Total Despatch (MU)		**6189.33**	**6276.08**	**5887.87**	**6132.68**	**6495.47**	**6525.91**	**6710.93**	**6031.80**	**6584.86**	**6782.69**	**6401.04**	**7102.33**	**77121.00**
Mothly Requirement (MU)		**7111.42**	**6954.25**	**6900.75**	**7212.89**	**7741.66**	**7484.50**	**7948.86**	**7502.67**	**7485.82**	**7542.81**	**7695.31**	**8821.43**	**90402.36**
MARKET PURCHASE (MU)	4.17	922.09	678.17	1012.87	1080.21	1246.18	958.59	1237.93	1470.87	900.95	760.12	1294.28	1719.09	**13281.36**
Monthly Availability (MU)		6189.33	6276.08	5887.87	6132.68	6495.47	6525.91	6710.93	6031.80	6584.86	6782.69	6401.04	7102.33	77121.00

ANNEXURE - E
Calculation of Power Purchase Requirement (IN MU) for FY 2012-13

Power Purchase (MU) with Voltage wise sales (in MU) and Voltage Wise Losses (%)

FY 2012-13	Voltage	FY2012	Voltage	Sales	LT	11kV	33kV	132kV
EPDCL	L.T.	**5.13%**	L.T.	7146.69	7533.14	7869.15	8152.03	8497.01
CGS Share	11kV	**4.27%**	11kV	1992.87		2081.76	2156.60	2247.86
15.80%	33kV	**3.47%**	33kV	1328.47			1376.22	1434.46
CGS (MU)	132kV	**4.06%**	132kV	2760.12				2876.93
2174.93	PGCIL	**4.98%**	TOTAL	**13228.15**	**7533.14**	**9950.92**	**11684.85**	**15056.26**
			% Loss up to said voltage :			**8.15%**	**10.41%**	**12.14%**
						D. Loss:	1216.82	
						T. Loss	611.28	
						PGCIL Loss	108.31	**15164.57**
			Loss(MU) & % Loss incl.PGCIL :			TOTAL	**1936.41**	**12.77%**

FY 2012-13	Voltage	FY2012	Voltage	Sales	LT	11kV	33kV	132kV
CPDCL	L.T.	**8.70%**	L.T.	19497.72	21355.66	22598.58	23537.74	24533.81
CGS Share	11kV	**5.50%**	11kV	4340.99		4593.64	4784.55	4987.02
46.06%	33kV	**3.99%**	33kV	6078.26			6330.86	6598.77
CGS (MU)	132kV	**4.06%**	132kV	4218.52				4397.04
6340.35	PGCIL	**4.98%**	TOTAL	**34135.49**	**21355.66**	**27192.23**	**34653.15**	**40516.64**
			% Loss up to said voltage :			**12.33%**	**13.67%**	**15.75%**
						D. Loss:	4736.18	
						T. Loss	1644.98	
						PGCIL Loss	315.75	**40832.39**
			Loss(MU) & % Loss incl.PGCIL :			TOTAL	**6696.90**	**16.40%**

FY 2012-13	Voltage	FY2012	Voltage	Sales	LT	11kV	33kV	132kV
NPDCL	L.T.	**7.40%**	L.T.	7709.37	8325.449	8717.75	9080.99	9465.28
CGS Share	11kV	**4.50%**	11kV	1265.68		1325.32	1380.54	1438.96
15.87%	33kV	**4.00%**	33kV	220.34			229.52	239.23
CGS (MU)	132kV	**4.06%**	132kV	1409.89				1469.56
2184.57	PGCIL	**4.98%**	TOTAL	**10605.28**	**8325.45**	**10043.07**	**10691.05**	**12613.03**
			% Loss up to said voltage :			**10.63%**	**13.99%**	**15.92%**
						D. Loss:	1495.66	
						T. Loss	512.09	
						PGCIL Loss	108.79	**12721.82**
			Loss(MU) & % Loss incl.PGCIL :			TOTAL	**2116.54**	**16.64%**

FY 2012-13	Voltage	FY2012	Voltage	Sales	LT	11kV	33kV	132kV
SPDCL	L.T.	**6.30%**	L.T.	12099.36	12912.87	13486.03	14047.95	14642.43
CGS Share	11kV	**4.25%**	11kV	1751.71		1829.46	1905.69	1986.34
22.27%	33kV	**4.00%**	33kV	2656.15			2766.82	2883.91
CGS (MU)	132kV	**4.06%**	132kV	1936.30				2018.24
3065.56	PGCIL	**4.98%**	TOTAL	**18443.52**	**12912.87**	**15315.49**	**18720.46**	**21530.92**
			% Loss up to said voltage :			**9.56%**	**11.82%**	**14.34%**
						D. Loss:	2213.24	
						T. Loss	874.16	
						PGCIL Loss	152.66	**21683.58**
			Loss(MU) & % Loss incl.PGCIL :			TOTAL	**3240.06**	**14.94%**

FY 2012-13	Voltage	FY2012	Voltage	Sales	LT	11kV	33kV	132kV
All Discoms	L.T.	**7.33%**	L.T.	46453.14	50127.12	52671.51	54818.70	57138.53
CGS Share	11kV	**4.87%**	11kV	9351.26	-	9830.19	10227.38	10660.18
100%	33kV	**3.93%**	33kV	10283.21	-	-	10703.42	11156.37
CGS (MU)	132kV	**4.06%**	132kV	10324.84	-	-	-	10761.77
13765.41	PGCIL	**4.98%**	TOTAL	**76412.45**	**50127.12**	**62501.70**	**75749.50**	**89716.85**
			% Loss up to said voltage :			**10.72%**	**12.76%**	**14.83%**
						D. Loss:	9661.90	
						T. Loss	3642.50	
						PGCIL Loss	685.52	**90402.36**
			Loss(MU) & % Loss incl.PGCIL :			TOTAL	**13989.92**	**15.48%**

ANNEXURE - F

APGENCO's STATION WISE FIXED COSTS FOR FY 2012-13

(Rs. Crs.)

S.No.	Station	Capacity (MW)	RoCE	Deprcn	O&M	Fixed Cost Approved	Fixed Cost ARR Filing	Remarks
	APGENCO							
	THERMAL POWER							
1	VTPS I	**420.00**	191.84	72.00	219.50	**483.34**	**483.34**	No Change
2	VTPS II	**420.00**						
3	VTPS III	**420.00**						
4	VTPS IV	**500.00**	277.08	169.63	76.83	**523.54**	**523.54**	No Change
5	RTPP I	**420.00**	101.07	39.20	83.79	**224.06**	**224.06**	No Change
6	RTPP Stage-II	**420.00**	206.66	146.30	71.72	**424.68**	**424.68**	No Change
7	RTPP Stage-III (1)	**210.00**	183.51	102.33	35.87	**321.71**	**321.71**	No Change
8	KTPS A	**240.00**	98.90	67.50	198.72	**365.12**	**365.12**	No Change
9	KTPS B	**240.00**						No Change
10	KTPS C	**240.00**						No Change
11	KTPS D	**500.00**	104.62	32.00	83.61	**220.23**	**220.23**	No Change
12	KTPS Stage VI (2)	**500.00**	338.01	179.14	76.83	**593.98**	**583.68**	Variation due to COD Dates
13	RTS B	**62.50**	18.82	2.62	30.45	**51.89**	**51.89**	No Change
14	Kakatiya Thermal PPSt-I	**500.00**	385.40	227.92	76.83	**690.15**	**690.15**	No Change
	TOTAL THERMAL	**5092.50**	**1905.91**	**1038.64**	**954.15**	**3,898.70**	**3,888.40**	
	HYDEL POWER							
15	**Inter State Power**							
	a) MACHKUND PH AP Share	**84.00**				**14.31**	**14.31**	No Change
	b) TUNGBHADRA PH AP Share	**57.60**				**9.80**	**9.80**	No Change
16	**SILERU**							
	a) Upper Sileru (USR) PH	**240.00**	57.69	20.27	57.22	**135.18**	**135.18**	No Change
	b) Lower Sileru (LSR) PH	**460.00**						
	c) DONKARAYI (*Small Hydel)	**25.00**						
17	**SRISAILAM PH (SSLM PH)**							
	a) SSLM Right Bank PH	**770.00**	78.70	32.00	48.52	**159.22**	**159.22**	No Change
	b) SSLM Left Bank PH (3)	**900.00**	369.48	122.09	25.11	**516.68**	**618.52**	Capital Cost considered as per APERC order dt.17/09/11
18	**Nagarjuna Sagar PH (NSPH)**							
	a) Nagarjuna Sagar PH (NSPH)	**815.60**	92.59	38.50	32.97	**164.06**	**164.06**	No Change
	b) NSRCPH	**90.00**						
	c) NSLCPH	**60.00**						
19	**Small Hydel**							
	a) Pochampadu PH	**27.00**	16.05	5.75	11.03	**32.83**	**32.83**	No Change
	b) Nizamsagar PH	**10.00**						
	c) Penna Ahobilam PH	**20.00**						
	d) Singur PH	**15.00**						
20	**MINI HYDRO & OTHERS**	**14.16**	3.08	1.00	4.39	**8.47**	**9.07**	Rs.o.60 crs of Ramgiri dis allowed.
21	Priyadarshini Jurala HEP- AP Share	**234.00**	89.96	23.22	13.59	**126.78**	**101.52**	Rs.683.76 crs actual Capital cost instead of Rs.546.50 crs filed
22	Pochampadu-IV (New project)	**9.00**	3.62	0.92	0.53	**5.07**	**3.63**	Rs.27 crs actual Capital cost instead of Rs.19.30 crs filed
	TOTAL HYDRO	**3831.36**	**711.17**	**243.75**	**193.36**	**1172.40**	**1248.14**	
	TOTAL APGENCO	**8923.86**	**2617.08**	**1282.39**	**1147.51**	**5071.10**	**5136.54**	

ANNEXURE- G(i)

ALL DISCOMS : POWER PURCHASE COSTS FOR FY 2012-13

As filed in ARR

Source of Power	Load Dispatch (MU)	Fixed Cost (Rs. Crs)	Total Variable Cost (Rs. Crs)	Incentive (Rs. Crs)	Inc. Tax & Others (Rs. Crs)	Total Cost (Rs. Crs)	Avg Cost/unit (Rs./unit)
APGENCO	**41155.12**	**5071.10**	**6601.29**	**51.27**	**69.92**	**11793.58**	**2.87**
Thermal	34748.59	3898.70	6601.29	51.27	33.09	**10584.35**	**3.05**
Hydel	6406.53	1172.40	-	-	36.83	**1209.23**	**1.89**
CGS excl. NTPC Simhadri	12555.85	733.83	2548.37	-	-	**3282.20**	**2.61**
NTPC-Simhadri Stage I&II	10579.00	1160.06	2221.59	-	-	**3381.65**	**3.20**
APGPCL I & II	274.44	3.87	49.84	-	-	**53.71**	**1.96**
IPPs	15438.41	1529.21	2857.34	11.58	-	**4398.13**	**2.85**
NCE	1347.05	-	434.44	-	-	**434.44**	**3.23**
Others	114.00	42.12	25.08	-	-	**67.20**	**5.90**
Other Short Term sources	12449.54	0.00	5193.11	-	-	**5193.11**	**4.17**
Total	**93913.40**	**8540.19**	**19931.06**	**62.85**	**69.92**	**28604.02**	**3.05**

ALL DISCOMS : POWER PURCHASE COSTS FOR FY 2012-13

As approved by APERC

Source of Power	Load Dispatch (MU)	Fixed Cost (Rs. Crs)	Total Variable Cost (Rs. Crs)	Incentive (Rs. Crs)	Inc. Tax & Others (Rs. Crs)	Total Cost (Rs. Crs)	Avg Cost/unit (Rs./unit)
APGENCO	**41996.85**	**5071.10**	**6768.95**	**51.27**	**69.92**	**11961.24**	**2.85**
Thermal	35590.32	3898.70	6768.95	51.27	33.09	**10752.01**	3.02
Hydel	6406.53	1172.40	-	-	36.83	**1209.23**	1.89
CGS excl. NTPC Simhadri	13765.41	733.83	2776.19	-	-	**3510.02**	2.55
NTPC-Simhadri Stage I&II	10695.00	1160.06	2245.95	-	-	**3406.01**	3.18
APGPCL I & II	278.70	3.87	50.66	-	-	**54.53**	1.96
IPPs	8924.00	1382.70	1672.22	-	-	**3054.92**	3.42
NCE	1347.05	0.00	434.44	-	-	**434.44**	3.23
Others	114.00	42.12	25.08	-	-	**67.20**	5.90
Other Short Term sources	13281.36	0.00	5535.93	-	-	**5535.93**	4.17
Total	**90402.36**	**8393.69**	**19509.42**	**51.27**	**69.92**	**28024.30**	**3.10**

ANNEXURE G(ii)

CPDCL : POWER PURCHASE COSTS FOR FY 2012-13

As filed by DISCOM

Source of Power	Load Dispatch (MU)	Fixed Cost (Rs. Crs)	Total Variable Cost (Rs. Crs)	Incentive	Inc. Tax & Others (Rs. Crs)	Total Cost (Rs. Crs)	Avg Cost/unit (Rs./unit)
APGENCO	**18956.05**	**2335.75**	**3040.55**	**23.62**	**32.21**	**5432.13**	**2.87**
Thermal	*16005.20*	*1795.74*	*3040.55*	*23.62*	*15.24*	*4875.15*	*3.05*
Hydel	*2950.85*	*540.01*	*0.00*	-	*16.96*	*556.97*	*1.89*
CGS excl. NTPC Simhadri	5783.23	338.00	1173.78	-	-	1511.78	**2.61**
NTPC-Simhadri Stage I&II	4872.69	534.32	1023.26	-	-	1557.59	**3.20**
APGPCL I & II	126.41	1.78	22.96	-	-	24.74	**1.96**
IPPs	7110.93	704.35	1316.09	5.33	-	2025.77	**2.85**
NCE	357.31	-	112.83	-	-	112.83	**3.16**
Others	-	-	-	-	-	-	**0.00**
Other Short Term sources	5734.26	0.00	2391.95	-	-	2391.95	**4.17**
Total	**42940.86**	**3914.21**	**9081.42**	**28.95**	**32.21**	**13056.78**	**3.04**
D-to-D (Pool) Purchase	400.91	-	167.23	-	-	167.23	**4.17**
D-to-D (Pool) Sales	-783.70	-	-326.91	-	-	-326.91	**4.17**
Grand Total	**42558.07**	**3914.21**	**8921.74**	**28.95**	**32.21**	**12897.11**	**3.03**

As approved by APERC - APCPDCL for FY 2012-13

Source of Power	Load Dispatch (MU)	Fixed Cost (Rs. Crs)	Total Variable Cost (Rs. Crs)	Incentive	Inc. Tax & Others (Rs. Crs)	Total Cost (Rs. Crs)	Avg Cost/unit (Rs./unit)
APGENCO	**19343.75**	**2335.75**	**3117.78**	**23.62**	**32.21**	**5509.35**	**2.85**
Thermal	*16392.90*	*1795.74*	*3117.78*	*23.62*	*15.24*	*4952.38*	*3.02*
Hydel	*2950.85*	*540.01*	-	-	*16.96*	*556.97*	*1.89*
CGS excl. NTPC Simhadri	6340.35	338.00	1278.71	-	-	1616.72	2.55
NTPC-Simhadri Stage I&II	4926.12	534.32	1034.48	-	-	1568.81	3.18
APGPCL I & II	128.37	1.78	23.34	-	-	25.12	1.96
IPPs	4110.39	636.87	770.22	-	-	1407.10	3.42
NCE	357.31	0.00	112.83	-	-	112.83	3.16
Others	-	-	-	-	-	-	-
Other Short Term sources	6,117.39	-	2,549.85	-	-	2549.85	4.17
Total	**41323.68**	**3846.73**	**8887.22**	**23.62**	**32.21**	**12789.77**	**3.10**
D-to-D (Pool) Purchase	491.28	45.61	130.19	-	-	175.81	3.58
NCE Cost adjustment	249.46	-	21.74	-	-	21.74	0.87
Grand Total	**40832.40**	**3801.11**	**8735.28**	**23.62**	**32.21**	**12592.22**	**3.08**

ANNEXURE G(iii)

EPDCL : POWER PURCHASE COSTS FOR FY 2012-13

As filed by DISCOM

Source of Power	Load Dispatch (MU)	Fixed Cost (Rs. Crs)	Total Variable Cost (Rs. Crs)	Incentive	Inc. Tax & Others (Rs. Crs)	Total Cost (Rs. Crs)	Avg Cost/unit (Rs./unit)
APGENCO	**6502.51**	**801.23**	**1043.00**	**8.10**	**11.05**	**1863.39**	**2.87**
Thermal	*5490.28*	*615.99*	*1043.00*	*8.10*	*5.23*	*1672.33*	*3.05*
Hydel	*1012.23*	*185.24*	*0.00*	-	*5.82*	*191.06*	*1.89*
CGS excl. NTPC Simhadri	1983.83	115.95	402.64	-	-	518.59	**2.61**
NTPC-Simhadri Stage I&II	1671.48	183.29	351.01	-	-	534.30	**3.20**
APGPCL I & II	43.36	0.61	7.87	-	-	8.49	**1.96**
IPPs	2439.27	241.61	451.46	1.83	-	694.90	**2.85**
NCE	207.10	0.00	67.78	-	-	67.78	**3.27**
Others	114.00	42.12	25.08	-	-	67.20	**5.90**
Other Short Term sources	1967.03	0.00	820.51	-	-	820.51	**4.17**
Total	**14928.57**	**1384.82**	**3169.37**	**9.93**	**11.05**	**4575.16**	**3.06**
D-to-D (Pool) Purchase	701.65	-	292.68	-	-	292.68	**4.17**
D-to-D (Pool) Sales	-122.97	-	-51.29	-	-	-51.29	**4.17**
Grand Total	**15507.26**	**1384.82**	**3410.76**	**9.93**	**11.05**	**4816.55**	**3.11**

As approved by APERC - APEPDCL for FY 2012-13

Source of Power	Load Dispatch (MU)	Fixed Cost (Rs. Crs)	Total Variable Cost (Rs. Crs)	Incentive	Inc. Tax & Others (Rs. Crs)	Total Cost (Rs. Crs)	Avg Cost/unit (Rs./unit)
APGENCO	**6635.50**	**801.23**	**1069.49**	**8.10**	**11.05**	**1889.88**	**2.85**
Thermal	*5623.27*	*615.99*	*1069.49*	*8.10*	*5.23*	*1698.82*	*3.02*
Hydel	*1012.23*	*185.24*	-	-	*5.82*	*191.06*	*1.89*
CGS excl. NTPC Simhadri	2174.93	115.95	438.64	-	-	554.58	2.55
NTPC-Simhadri Stage I&II	1689.81	183.29	354.86	-	-	538.15	3.18
APGPCL I & II	44.03	0.61	8.00	-	-	8.62	1.96
IPPs	1409.99	218.47	264.21	-	-	482.68	3.42
NCE	207.10	0.00	67.78	-	-	67.78	3.27
Others	114.00	42.12	25.08	-	-	67.20	5.90
Other Short Term sources	2,098.46	-	874.68	-	-	874.68	4.17
Total	**14373.83**	**1361.67**	**3102.75**	**8.10**	**11.05**	**4483.57**	**3.12**
D-to-D (Pool) Purchase	-790.74	-73.42	-209.55	-	-	-282.97	3.58
NCE Cost adjustment	-20.67	-	0.49	-	-	0.49	-0.24
Grand Total	**15164.57**	**1435.09**	**3311.81**	**8.10**	**11.05**	**4766.04**	**3.14**

ANNEXURE G(iv)

NPDCL : POWER PURCHASE COSTS FOR FY 2012-13

As filed by DISCOM

Source of Power	Load Dispatch (MU)	Fixed Cost (Rs. Crs)	Total Variable Cost (Rs. Crs)	Incentive	Inc. Tax & Others (Rs. Crs)	Total Cost (Rs. Crs)	Avg Cost/unit (Rs./unit)
APGENCO	**6531.32**	**804.78**	**1047.62**	**8.14**	**11.10**	**1871.64**	**2.87**
Thermal	*5514.60*	*618.72*	*1047.62*	8.14	5.25	*1679.74*	*3.05*
Hydel	*1016.72*	*186.06*	*0.00*	-	5.84	*191.90*	*1.89*
CGS excl. NTPC Simhadri	1992.61	116.46	404.43	-	-	520.89	**2.61**
NTPC-Simhadri Stage I&II	1678.89	184.10	352.57	-	-	536.67	**3.20**
APGPCL I & II	43.55	0.61	7.91	-	-	8.52	**1.96**
IPPs	2450.08	242.69	453.46	1.84	-	697.98	**2.85**
NCE	233.72	-	75.71	-	-	75.71	**3.24**
Others	-	-	-	-	-	-	**-**
Other Short Term sources	1975.74	-	824.15	-	-	824.15	**4.17**
Total	**14905.91**	**1348.64**	**3165.85**	**9.97**	**11.10**	**4535.56**	**3.04**
D-to-D (Pool) Purchase	503.85	-	210.17	-	-	210.17	**4.17**
D-to-D (Pool) Sales	-1398.39	-	-583.32	-	-	-583.32	**4.17**
Grand Total	**14011.37**	**1348.64**	**2792.70**	**9.97**	**11.10**	**4162.41**	**2.97**

As approved by APERC - APNPDCL for FY 2012-13

Source of Power	Load Dispatch (MU)	Fixed Cost (Rs. Crs)	Total Variable Cost (Rs. Crs)	Incentive	Inc. Tax & Others (Rs. Crs)	Total Cost (Rs. Crs)	Avg Cost/unit (Rs./unit)
APGENCO	**6664.90**	**804.78**	**1074.23**	**8.14**	**11.10**	**1898.25**	**2.85**
Thermal	*5648.18*	*618.72*	*1074.23*	*8.14*	*5.25*	*1706.34*	*3.02*
Hydel	*1016.72*	*186.06*	*-*	*-*	*5.84*	*191.90*	*1.89*
CGS excl. NTPC Simhadri	2184.57	116.46	440.58	-	-	557.04	2.55
NTPC-Simhadri Stage I&II	1697.30	184.10	356.43	-	-	540.53	3.18
APGPCL I & II	44.23	0.61	8.04	-	-	8.65	1.96
IPPs	1416.24	219.44	265.38	-	-	484.82	3.42
NCE	233.72	-	75.71	-	-	75.71	3.24
Others	-	-	-	-	-	-	-
Other Short Term sources	2,107.75		878.55	-	-	878.55	4.17
Total	**14348.71**	**1325.39**	**3098.93**	**8.14**	**11.10**	**4443.56**	**3.10**
D-to-D (Pool) Purchase	1626.89	151.05	431.13	-	-	582.18	3.58
NCE Cost adjustment	47.50	-	-1.41	-	-	-1.41	-0.30
Grand Total	**12721.82**	**1174.34**	**2669.22**	**8.14**	**11.10**	**3862.80**	**3.04**

ANNEXURE G(v)

SPDCL : POWER PURCHASE COSTS FOR FY 2012-13

As filed by DISCOM

Source of Power	Load Dispatch (MU)	Fixed Cost (Rs. Crs)	Total Variable Cost (Rs. Crs)	Incentive	Inc. Tax & Others (Rs. Crs)	Total Cost (Rs. Crs)	Avg Cost/unit (Rs./unit)
APGENCO	**9165.24**	**1129.33**	**1470.11**	**11.42**	**15.57**	**2626.43**	**2.87**
Thermal	*7738.51*	*868.24*	*1470.11*	11.42	7.37	*2357.14*	*3.05*
Hydel	*1426.73*	*261.09*	*0.00*	-	8.20	*269.30*	*1.89*
CGS excl. NTPC Simhadri	2796.19	163.42	567.52	-	-	730.95	**2.61**
NTPC-Simhadri Stage I&II	2355.94	258.34	494.75	-	-	753.09	**3.20**
APGPCL I & II	61.12	0.86	11.10	-	-	11.96	**1.96**
IPPs	3438.13	340.55	636.33	2.58	-	979.46	**2.85**
NCE	548.92	-	178.11	-	-	178.11	**3.24**
Others	-	-	-	-	-	-	**-**
Other Short Term sources	2772.51	-	1156.50	-	-	1156.50	**4.17**
Total	**21138.06**	**1892.52**	**4514.42**	**14.00**	**15.57**	**6436.51**	**3.04**
D-to-D (Pool) Purchase	864.07	-	360.43	-	-	360.43	**4.17**
D-to-D (Pool) Sales	-165.42	-	-69.00	-	-	-69.00	**4.17**
Grand Total	**21836.71**	**1892.52**	**4805.86**	**14.00**	**15.57**	**6727.94**	**3.08**

As approved by APERC - APSPDCL for FY 2012-13

Source of Power	Load Dispatch (MU)	Fixed Cost (Rs. Crs)	Total Variable Cost (Rs. Crs)	Incentive	Inc. Tax & Others (Rs. Crs)	Total Cost (Rs. Crs)	Avg Cost/unit (Rs./unit)
APGENCO	**9352.70**	**1129.33**	**1507.45**	**11.42**	**15.57**	**2663.77**	**2.85**
Thermal	*7925.96*	*868.24*	*1507.45*	*11.42*	*7.37*	*2394.47*	*3.02*
Hydel	*1426.73*	*261.09*	*-*	*-*	*8.20*	*269.30*	*1.89*
CGS excl. NTPC Simhadri	3065.56	163.42	618.26	-	-	781.68	2.55
NTPC-Simhadri Stage I&II	2381.78	258.34	500.17	-	-	758.52	3.18
APGPCL I & II	62.07	0.86	11.28	-	-	12.14	1.96
IPPs	1987.37	307.93	372.40	-	-	680.33	3.42
NCE	548.92	-	178.11	-	-	178.11	3.24
Others	-	-	-	-	-	-	-
Other Short Term sources	2,957.76		1,232.85	-	-	1232.85	4.17
Total	**20356.15**	**1859.89**	**4420.53**	**11.42**	**15.57**	**6307.41**	**3.10**
D-to-D (Pool) Purchase	-1327.43	-123.25	-351.77	-	-	-475.02	3.58
NCE Cost adjustment	222.63	-	-20.82	-	-	-20.82	-0.94
Grand Total	**21683.58**	**1983.14**	**4793.11**	**11.42**	**15.57**	**6803.25**	**3.14**

ANNEXURE G(vi)
SUMMARY OF VARIABLE COST FOR FSA CALCULATIONS
For FY 2012-13 On APERC Approval Based

Month / Quarter	Purchase / Requirement as EHT input (Mus)	Total despatch for DISCOMs Sales (MUs)	Total Variable Cost (Rs. Crs.)	Variable Cost (Rs. Per kWh)
Apr-12	7111.42	7111.42	1545.37	2.1731
May-12	6954.25	6954.25	1486.61	2.1377
Jun-12	6900.75	6900.75	1556.25	2.2552
Qrt - 1	**20966.42**	**20966.42**	**4588.24**	**2.1884**
Jul-12	7212.89	7212.89	1572.09	2.1796
Aug-12	7741.66	7741.66	1582.21	2.0438
Sep-12	7484.50	7484.50	1458.17	1.9483
Qrt - 2	**22439.05**	**22439.05**	**4612.47**	**2.0556**
Oct-12	7948.86	7948.86	1686.73	2.1220
Nov-12	7502.67	7502.67	1724.68	2.2988
Dec-12	7485.82	7485.82	1623.84	2.1692
Qrt - 3	**22937.35**	**22937.35**	**5035.25**	**2.1952**
Jan-13	7542.81	7542.81	**1575.58**	2.0889
Feb-13	7695.31	7695.31	**1695.92**	2.2038
Mar-13	8821.43	8821.43	**2001.96**	2.2694
Qrt - 4	**24059.55**	**24059.55**	**5273.46**	**2.1918**
G.Total	**90402.36**	**90402.36**	**19509.42**	**2.1581**

ANNEXURE - H(i)

ALL DISCOMS : CATEGORY WISE AND MONTHLY SALES FOR FY 2012-13

SALES FORECAST - ALL DISCOMS 2012-13

(ALL DISCOMs) Approved Sales (MU)	Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
LT Category	**3973.73**	**3866.27**	**3392.52**	**3697.44**	**3960.06**	**3717.87**	**4063.31**	**3724.05**	**3732.05**	**3809.37**	**3779.99**	**4736.49**	**46453.14**
Cat- I Domestic	1,612.43	1,678.18	1,582.12	1,553.64	1,556.65	1,566.18	1,528.03	1,454.57	1,333.84	1,217.46	1,233.86	1,680.72	**17,997.67**
Cat- II - Non-domestic/Commercial	439.02	461.88	410.97	398.50	414.86	405.98	390.29	379.93	340.22	336.68	352.69	428.62	**4,759.64**
Cat- III (A & B) - Industrial	221.98	238.58	266.70	248.13	258.81	245.06	239.34	264.50	259.63	302.90	286.50	299.86	**3,132.00**
Cat- IV - Cottage Industries & Dhobighats	4.73	4.97	4.50	4.42	4.83	4.53	5.34	5.30	5.59	4.94	4.89	4.26	**58.29**
Cat- VA,A(i) & A(ii) - Irrig. and Agriculture	1,511.73	1,302.82	954.10	1,313.51	1,539.65	1,297.54	1,702.19	1,424.03	1,591.70	1,749.20	1,710.66	2,124.55	**18,221.67**
Cat- V (B) - Agriculture (Tatkal)	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Cat- VI - Local Bodies, St. Lighting & PWS	166.30	162.57	157.06	162.55	166.40	180.03	181.57	176.74	183.97	182.79	173.95	177.95	**2,071.87**
Cat- VII (A & B) - General Purpose	17.22	16.02	16.81	16.54	18.67	18.21	16.37	18.80	16.83	15.19	17.03	20.34	**208.04**
Cat- VIII-Temporary Supply	0.31	1.24	0.26	0.17	0.18	0.34	0.17	0.18	0.27	0.22	0.40	0.19	**3.95**
HT Category at 11 KV	**722.60**	**654.58**	**785.28**	**733.01**	**790.96**	**839.06**	**803.20**	**765.82**	**765.38**	**789.87**	**876.31**	**825.19**	**9351.26**
HT-I Industry Segregated	317.44	337.09	455.61	427.69	448.95	472.60	456.86	479.90	490.06	492.08	511.38	471.58	**5,361.24**
Lights & Fans	2.99	3.23	4.13	4.03	3.85	4.32	4.10	3.43	3.85	3.71	3.74	3.34	**44.73**
Colony consumption	0.37	0.32	0.35	0.34	0.38	0.22	0.21	0.22	0.28	0.21	0.39	0.29	**3.59**
Seasonal Industries	2.89	1.40	1.54	1.86	1.23	0.90	0.99	2.07	2.95	3.25	2.78	2.07	**23.93**
HT-I (B) Ferro-Alloys	1.38	1.54	2.12	2.01	1.83	1.01	0.87	1.03	1.49	1.65	1.82	1.79	**18.54**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)	12.16	10.84	11.33	10.35	11.99	12.14	10.89	9.71	10.17	10.06	10.56	9.69	**129.89**
HT-II Industrial Non-Segregated	187.91	191.08	188.48	172.98	181.69	179.92	172.52	166.78	152.01	140.49	159.68	157.76	**2,051.32**
HT-IV A Govt. Lift Irrigation Schemes	32.03	3.62	2.84	3.12	32.34	34.17	34.58	7.54	7.49	8.11	35.58	33.14	**234.56**
HT-IV B Agriculture	0.33	0.34	0.32	0.36	0.41	0.41	0.38	0.82	0.78	0.87	0.72	0.15	**5.89**
Composite Public W.S Schemes	4.86	5.54	5.45	5.68	6.47	5.54	5.71	6.40	5.67	6.30	6.50	5.42	**69.55**
HT-VI Townships and Residential Colonies	16.47	14.59	15.59	14.54	15.42	15.64	17.33	14.22	13.49	14.47	14.93	14.51	**181.20**
HT-VII - Green Power	-	-	-	-	-	-	-	-	-	-	-	-	**-**
RESCOs	142.92	84.21	96.32	88.94	85.23	111.09	97.60	72.56	76.08	107.55	127.19	124.45	**1,214.14**
Temporary Supply	0.84	0.76	1.22	1.10	1.17	1.10	1.14	1.15	1.05	1.11	1.03	0.99	**12.66**
													-

ANNEXURE - H(i)

ALL DISCOMS : CATEGORY WISE AND MONTHLY SALES FOR FY 2012-13

SALES FORECAST - ALL DISCOMS 2012-13

(ALL DISCOMs) Approved Sales (MU)	Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
HT Category at 33 KV	**616.67**	**650.36**	**855.25**	**821.02**	**894.59**	**883.89**	**956.30**	**940.55**	**961.04**	**891.58**	**916.39**	**895.57**	**10283.21**
HT-I Industry Segregated	500.09	526.56	714.45	686.96	732.99	733.53	811.50	789.36	815.77	739.98	766.91	752.19	**8,570.29**
Lights & Fans	1.43	1.31	1.53	1.60	2.75	0.78	1.49	1.04	0.80	0.53	0.85	1.15	**15.26**
Colony consumption	1.04	0.90	0.98	0.92	1.04	0.94	1.17	1.11	1.17	0.86	1.12	1.10	**12.33**
Seasonal Industries	5.88	3.60	1.94	1.48	1.00	0.60	0.52	2.97	4.53	4.69	5.30	4.76	**37.26**
HT-I (B) Ferro-Alloys	26.08	27.39	41.92	39.11	43.74	43.75	41.57	47.19	46.21	47.06	47.14	44.42	**495.56**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)	16.86	16.92	22.88	21.60	26.54	22.66	21.55	20.77	21.55	22.29	23.16	21.46	**258.25**
HT-II Industrial Non-Segregated	57.31	60.78	59.24	56.72	61.05	55.05	52.64	53.38	47.00	48.16	51.53	50.83	**653.69**
HT-IV A Govt. Lift Irrigation Schemes	1.37	6.03	6.04	6.53	18.52	20.92	20.31	19.61	18.90	22.66	14.82	14.21	**169.93**
HT-IV B Agriculture	0.23	0.23	0.29	0.26	0.45	0.44	0.39	0.00	0.00	0.00	0.00	0.00	**2.29**
Composite Public W.S Schemes	1.72	1.52	1.59	1.66	1.96	1.70	1.82	1.80	2.00	2.09	2.03	1.73	**21.63**
HT-VI Townships and Residential Colonies	4.60	5.11	4.31	3.97	4.34	3.40	3.23	3.23	2.98	3.15	3.42	3.61	**45.36**
HT-VII - Green Power	-	-	-	-	-	-	-	-	-	-	-	-	**-**
RESCOs	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Temporary Supply	0.05	0.02	0.07	0.21	0.22	0.11	0.11	0.11	0.11	0.11	0.11	0.11	**1.37**
													-
HT Category at 132 KV	**651.41**	**667.53**	**810.20**	**852.65**	**903.90**	**897.17**	**903.99**	**931.67**	**882.62**	**888.27**	**947.91**	**987.52**	**10324.84**
HT-I Industry Segregated	393.74	383.90	496.11	545.21	576.98	566.25	571.63	606.43	541.86	520.23	599.60	656.77	**6,458.71**
Lights & Fans	2.66	5.44	3.89	4.21	4.67	8.70	4.39	8.33	4.59	3.04	3.75	5.62	**59.29**
Colony consumption	6.23	7.42	7.12	6.61	7.71	2.15	6.32	11.09	6.38	4.88	4.66	5.57	**76.12**
Seasonal Industries	-	-	-	-	-	-	-	-	-	-	-	-	**0.00**
HT-I (B) Ferro-Alloys	50.66	53.42	75.10	73.15	78.40	77.40	77.50	77.82	80.37	77.63	82.85	68.94	**873.22**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)	10.52	10.23	11.51	13.65	14.43	12.22	9.77	9.50	9.71	9.90	12.32	13.95	**137.71**
HT-II Industrial Non-Segregated	16.27	17.03	19.38	16.69	16.63	24.24	23.74	20.78	19.38	20.01	18.89	23.05	**236.09**
HT-IV A Govt. Lift Irrigation Schemes	11.23	33.08	32.97	36.14	38.94	38.75	48.74	50.11	69.53	91.36	64.91	71.60	**587.34**
HT-IV B Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Composite Public W.S Schemes	-	-	-	-	-	-	-	-	-	-	-	-	**0.00**
HT-V Railway Traction	150.84	149.02	155.23	149.17	158.08	158.76	154.60	140.64	144.51	154.84	154.13	134.85	**1804.67**
HT-VI Townships and Residential Colonies	8.97	7.69	8.70	7.17	7.40	8.42	7.00	6.66	6.00	6.06	6.50	6.87	**87.43**
HT-VII - Green Power	-	-	-	-	-	-	-	-	-	-	-	-	**-**
RESCOs	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Temporary Supply	0.30	0.30	0.20	0.65	0.68	0.30	0.30	0.30	0.30	0.30	0.30	0.30	**4.26**
Total (LT & HT)	**5964.41**	**5838.74**	**5843.26**	**6104.12**	**6549.51**	**6338.00**	**6726.80**	**6362.09**	**6341.08**	**6379.08**	**6520.60**	**7444.77**	**76412.45**

ANNEXURE - H(ii)

APCPDCL : CATEGORY WISE AND MONTHLY SALES FOR FY 2012-13

SALES FORECAST - APCPDCL 2012-13

Sales / Forecast Sales (MU)	Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
LT Category	**1698.23**	**1657.38**	**1397.49**	**1583.10**	**1708.77**	**1592.82**	**1627.12**	**1561.86**	**1545.31**	**1567.07**	**1568.21**	**1990.37**	**19497.72**
Cat I Domestic	645.19	693.57	562.35	555.76	610.38	572.06	555.36	541.28	477.01	466.42	495.95	766.26	**6,941.57**
Cat- II - Non-domestic/Commercial	214.84	214.43	186.38	179.63	190.44	184.07	179.91	174.91	150.55	153.81	163.52	213.59	**2,206.09**
Cat- III (A & B) - Industrial	92.51	86.58	101.62	100.30	101.33	99.77	102.70	117.61	122.68	117.75	100.36	110.75	**1,253.95**
Cat- IV - Cottage Industries & Dhobighats	1.44	1.29	1.55	1.57	1.75	1.39	1.63	1.69	1.70	1.57	1.54	1.54	**18.67**
Cat- VA,A(i) & A(ii) - Irrign and Agriculture	669.25	587.23	471.71	668.65	721.38	643.93	699.08	637.76	703.40	738.98	722.23	810.10	**8,073.70**
Cat- V (B) - Agriculture (Tatkal)	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Cat- VI - Local Bodies, St. Lighting & PWS	68.30	67.88	67.55	70.07	75.52	84.70	82.59	81.58	84.02	82.93	77.59	79.88	**922.60**
Cat- VII (A & B) - General Purpose	6.53	6.29	6.21	6.98	7.85	6.82	5.76	6.97	5.84	5.54	6.89	8.19	**79.88**
Cat- VIII-Temporary Supply	0.17	0.12	0.12	0.14	0.11	0.09	0.08	0.07	0.11	0.07	0.11	0.07	**1.26**
HT Category at 11 KV	**285.57**	**324.95**	**387.60**	**359.83**	**370.55**	**383.13**	**368.88**	**377.99**	**375.59**	**357.81**	**383.23**	**365.86**	**4340.99**
HT-I Industry Segregated	166.88	193.23	258.92	244.38	248.94	261.28	245.91	261.67	268.89	256.11	271.58	257.90	**2,935.70**
Lights & Fans	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Colony consumption	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Seasonal Industries	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-I (B) Ferro-Alloys	0.75	0.88	1.26	1.20	0.98	1.01	0.87	1.03	0.87	0.79	1.05	0.97	**11.67**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)													**-**
HT-II Industrial Non-Segregated	103.16	116.85	113.45	101.10	105.38	105.65	106.95	102.09	93.25	86.86	96.13	94.36	**1,225.23**
HT-IV A Govt. Lift Irrigation Schemes	2.75	2.37	1.75	1.82	2.85	3.20	3.06	1.66	1.66	1.88	2.51	1.87	**27.38**
HT-IV B Agriculture	0.26	0.28	0.25	0.23	0.26	0.28	0.25	0.19	0.20	0.19	0.04	0.02	**2.44**
Composite Public W.S Schemes	4.05	3.91	3.91	3.73	4.11	3.82	4.14	4.40	3.88	4.37	4.32	3.54	**48.17**
HT-VI Townships and Residential Colonies	7.27	7.02	7.62	7.08	7.79	7.44	7.21	6.46	6.44	7.15	7.22	6.86	**85.57**
HT-VII - Green Power	-	-	-	-	-	-	-	-	-	-	-	-	**-**
RESCOs	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Temporary Supply	0.44	0.41	0.44	0.29	0.24	0.45	0.49	0.50	0.40	0.46	0.37	0.34	**4.84**
													-
HT Category at 33 KV	**361.35**	**390.40**	**512.87**	**489.87**	**527.53**	**528.44**	**563.26**	**561.46**	**566.13**	**528.30**	**540.60**	**508.05**	**6078.26**
HT-I Industry Segregated	303.67	327.66	443.47	424.47	445.78	451.77	491.90	485.15	497.38	456.36	475.37	444.42	**5,247.38**
Lights & Fans	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Colony consumption	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Seasonal Industries	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-I (B) Ferro-Alloys	11.96	11.83	19.53	17.35	20.30	23.78	20.80	25.43	23.61	24.31	23.97	22.51	**245.38**

ANNEXURE - H(ii)

APCPDCL : CATEGORY WISE AND MONTHLY SALES FOR FY 2012-13

SALES FORECAST - APCPDCL 2012-13

Sales / Forecast Sales (MU)	Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)													-
HT-II Industrial Non-Segregated	41.28	46.68	45.58	43.50	47.25	39.90	37.90	38.57	32.15	34.42	37.10	37.30	**481.64**
HT-IV A Govt. Lift Irrigation Schemes	0.40	0.21	0.23	0.54	9.51	9.63	9.15	9.26	9.50	9.50	0.41	0.37	**58.69**
HT-IV B Agriculture	0.23	0.23	0.29	0.26	0.45	0.44	0.39	-	-	-	-	-	**2.29**
Composite Public Water Supply Schemes	1.72	1.52	1.59	1.66	1.96	1.70	1.82	1.80	2.00	2.09	2.03	1.73	**21.63**
HT-VI Townships and Residential Colonies	2.09	2.27	2.18	2.08	2.29	1.22	1.30	1.25	1.49	1.63	1.71	1.73	**21.25**
HT-VII - Green Power	-	-	-	-	-	-	-	-	-	-	-	-	**-**
RESCOs	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Temporary Supply	-	-	-	-	-	-	-	-	-	-	-	-	**-**
													-
HT Category at 132 KV	**248.05**	**236.06**	**320.76**	**334.99**	**397.51**	**380.77**	**387.77**	**383.52**	**366.98**	**363.49**	**398.87**	**399.74**	**4218.52**
HT-I Industry Segregated	201.50	190.92	269.24	287.10	317.77	301.56	300.75	295.50	280.74	289.37	339.07	343.70	**3,417.22**
Lights & Fans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Colony consumption	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Seasonal Industries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
HT-I (B) Ferro-Alloys	14.55	14.40	20.62	20.07	23.23	19.83	20.27	20.37	23.64	18.86	23.05	18.83	**237.74**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)													-
HT-II Industrial Non-Segregated	9.83	11.02	11.67	9.95	9.94	10.49	11.40	10.73	9.70	9.41	10.95	10.97	**126.06**
HT-IV A Govt. Lift Irrigation Schemes	10.17	6.84	6.73	4.48	32.46	32.27	42.26	43.63	40.78	32.63	12.20	12.87	**277.32**
HT-IV B Agriculture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
Composite Public Water Supply Schemes													**0.00**
HT-V Railway Traction	12.00	12.87	12.50	13.39	14.12	16.61	13.09	13.30	12.11	13.22	13.60	13.37	**160.18**
HT-VI Townships and Residential Colonies													-
HT-VII - Green Power													-
RESCOs													-
Temporary Supply													-
Total (LT & HT)	**2593.20**	**2608.80**	**2618.72**	**2767.79**	**3004.36**	**2885.15**	**2947.02**	**2884.83**	**2854.02**	**2816.67**	**2890.90**	**3264.02**	**34135.49**

ANNEXURE - H(iii)

APEPDCL : CATEGORY WISE AND MONTHLY SALES FOR FY 2012-13

SALES FORECAST - APEPDCL 2012-13

Sales / Forecast Sales (MU)	Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
LT Category	**614.22**	**644.30**	**589.45**	**590.89**	**576.72**	**567.17**	**613.55**	**580.69**	**590.65**	**571.83**	**553.41**	**653.81**	**7146.69**
Cat- I Domestic	316.69	329.36	360.73	349.88	316.03	338.09	324.83	311.17	289.57	240.49	218.10	285.96	**3,680.89**
Cat- II - Non-domestic/Commercial	69.86	89.23	67.03	66.38	81.20	71.20	68.47	66.02	58.69	57.40	57.44	69.62	**822.55**
Cat- III (A & B) - Industrial	38.63	52.61	42.15	49.70	46.00	29.94	42.98	42.44	42.07	57.82	61.93	63.47	**569.75**
Cat- IV - Cottage Industries & Dhobighats	0.18	0.18	0.18	0.18	0.21	0.19	0.19	0.20	0.21	0.19	0.19	0.19	**2.29**
Cat- VA,A(i) & A(ii) - Irrign and Agriculture	158.96	145.47	91.10	95.69	105.85	97.84	146.52	129.56	170.72	185.61	183.38	203.32	**1,714.02**
Cat- V (B) - Agriculture (Tatkal)													**-**
Cat- VI - Local Bodies, St. Lighting & PWS	26.49	24.48	24.06	25.70	23.77	25.86	26.89	27.04	25.55	26.85	28.95	27.49	**313.12**
Cat- VII (A & B) - General Purpose	3.36	2.95	4.12	3.34	3.59	3.99	3.59	4.15	3.75	3.38	3.32	3.66	**43.19**
Cat- VIII-Temporary Supply	0.04	0.04	0.08	0.02	0.06	0.07	0.08	0.10	0.10	0.10	0.09	0.10	**0.88**
HT Category at 11 KV	**182.03**	**125.51**	**153.48**	**143.48**	**172.92**	**180.20**	**180.87**	**158.12**	**147.88**	**158.97**	**198.05**	**191.38**	**1992.87**
HT-I Industry Segregated	77.42	69.13	95.99	90.66	97.27	96.57	103.21	108.83	103.46	116.14	118.85	102.78	**1,180.31**
Lights & Fans	1.53	1.61	1.76	1.71	1.72	1.52	1.50	1.49	1.38	1.50	1.56	1.30	**18.60**
Colony consumption	0.14	0.14	0.17	0.16	0.18	0.10	0.07	0.07	0.06	0.05	0.04	0.12	**1.31**
Seasonal Industries	0.79	0.36	0.06	0.04	0.03	0.06	0.05	0.06	0.06	0.12	0.20	0.30	**2.13**
HT-I (B) Ferro-Alloys													**-**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)													**-**
HT-II Industrial Non-Segregated	35.75	29.08	31.26	29.43	29.97	29.17	27.21	26.22	24.76	22.05	25.45	26.50	**336.86**
HT-IV A Govt. Lift Irrigation Schemes	26.72	0.24	0.23	0.48	27.18	27.20	27.22	0.97	0.48	0.78	27.16	27.07	**165.72**
HT-IV B Agriculture	0.07	0.06	0.07	0.12	0.13	0.13	0.13	0.08	0.03	0.14	0.13	0.11	**1.20**
Composite Public W.S Schemes	0.03	0.03	0.04	0.82	0.90	0.75	0.77	1.05	0.83	0.86	0.88	0.81	**7.76**
HT-VI Townships and Residential Colonies	3.10	2.37	2.72	2.40	2.43	2.77	2.72	2.62	2.40	2.38	2.69	2.63	**31.22**
HT-VII - Green Power													**-**
RESCOs	36.08	22.14	20.41	16.85	12.17	21.27	17.34	16.07	13.76	14.31	20.43	29.10	**239.94**
Temporary Supply	0.40	0.35	0.78	0.80	0.93	0.65	0.65	0.65	0.65	0.65	0.65	0.65	**7.82**
													-
HT Category at 33 KV	**87.99**	**80.83**	**110.59**	**107.24**	**117.52**	**116.09**	**114.06**	**117.99**	**122.20**	**109.02**	**116.61**	**128.34**	**1328.47**
HT-I Industry Segregated	66.80	61.55	87.73	85.95	92.50	88.94	90.25	92.53	98.91	85.25	92.41	104.64	**1,047.47**
Lights & Fans	0.28	0.25	0.30	0.28	0.29	0.32	0.24	0.22	0.20	0.24	0.24	0.28	**3.12**
Colony consumption	0.05	0.06	0.07	0.07	0.07	0.04	0.08	0.06	0.07	0.04	0.04	0.05	**0.70**
Seasonal Industries	1.68	0.61	0.01	-	-	0.02	0.02	0.02	0.02	0.04	0.28	0.89	**3.59**
HT-I (B) Ferro-Alloys	9.03	10.08	14.18	12.76	12.22	11.42	11.30	12.90	13.64	13.86	14.04	13.10	**148.53**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)													**-**
HT-II Industrial Non-Segregated	9.82	7.95	7.92	7.48	7.87	9.26	8.51	8.31	8.25	7.88	8.20	8.01	**99.46**

ANNEXURE - H(iii)

APEPDCL : CATEGORY WISE AND MONTHLY SALES FOR FY 2012-13

SALES FORECAST - APEPDCL 2012-13

Sales / Forecast Sales (MU)	Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
HT-IV A Govt. Lift Irrigation Schemes	0.04	0.04	0.04	0.21	4.07	5.81	3.39	3.68	0.86	1.42	1.12	1.10	**21.78**
HT-IV B Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Composite Public Water Supply Schemes													**-**
HT-VI Townships and Residential Colonies	0.24	0.29	0.26	0.28	0.28	0.17	0.15	0.16	0.14	0.16	0.16	0.16	**2.44**
HT-VII - Green Power													**-**
RESCOs													**-**
Temporary Supply	0.05	0.02	0.07	0.21	0.22	0.11	0.11	0.11	0.11	0.11	0.11	0.11	**1.37**
													-
HT Category at 132 KV	**169.75**	**179.84**	**210.24**	**227.73**	**222.89**	**259.71**	**244.50**	**303.09**	**239.85**	**219.76**	**229.82**	**252.93**	**2760.12**
HT-I Industry Segregated	69.51	75.24	87.83	107.86	96.64	124.86	115.00	169.50	116.95	96.03	104.51	135.57	**1,299.51**
Lights & Fans	2.56	5.32	3.76	4.08	4.49	8.57	4.27	8.19	4.38	2.71	2.83	5.55	**56.71**
Colony consumption	5.61	6.83	6.54	6.20	6.57	1.69	5.92	10.50	6.06	4.57	4.30	5.13	**69.93**
Seasonal Industries	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-I (B) Ferro-Alloys	36.10	39.02	54.48	53.08	55.17	57.56	57.22	57.45	56.73	58.78	59.80	50.10	**635.48**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)													**-**
HT-II Industrial Non-Segregated	6.41	6.01	7.56	6.64	6.53	13.55	12.19	9.90	9.52	10.45	7.79	11.77	**108.31**
HT-IV A Govt. Lift Irrigation Schemes													**-**
HT-IV B Agriculture													**-**
Composite Public Water Supply Schemes													**-**
HT-V Railway Traction	49.25	47.11	49.88	49.23	52.80	53.17	49.60	47.25	45.91	46.93	50.29	44.51	**585.92**
HT-VI Townships and Residential Colonies													**-**
HT-VII - Green Power													**-**
RESCOs													**-**
Temporary Supply	0.30	0.30	0.20	0.65	0.68	0.30	0.30	0.30	0.30	0.30	0.30	0.30	**4.26**
Total (LT & HT)	**1053.99**	**1030.48**	**1063.76**	**1069.34**	**1090.04**	**1123.17**	**1152.98**	**1159.88**	**1100.58**	**1059.58**	**1097.89**	**1226.47**	**13228.15**

ANNEXURE - H(iv)

APNPDCL : CATEGORY WISE AND MONTHLY SALES FOR FY 2012-13

SALES FORECAST - APNPDCL 2012-13

Sales / Forecast Sales (MU)	Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
LT Category	**615.74**	**491.27**	**458.81**	**561.52**	**688.59**	**618.34**	**728.60**	**631.51**	**680.13**	**721.33**	**673.20**	**840.34**	**7709.37**
Cat- I Domestic	220.34	208.03	214.17	211.86	205.53	231.80	214.29	204.61	194.54	170.71	175.52	209.25	**2,460.63**
Cat- II - Non-domestic/Commercial	47.95	45.27	48.89	45.82	44.83	47.04	44.85	45.33	43.68	38.41	40.38	43.88	**536.35**
Cat- III (A & B) - Industrial	17.93	20.12	30.17	29.54	25.77	26.79	20.95	21.14	29.74	36.35	30.89	26.26	**315.65**
Cat- IV - Cottage Industries & Dhobighats	0.58	0.61	0.54	0.51	0.47	0.61	0.61	0.61	0.64	0.63	0.62	0.62	**7.06**
Cat- VA,A(i) & A(ii) - Irrigation and Agriculture	291.60	182.15	132.52	239.92	378.57	273.38	411.25	321.98	374.41	438.60	388.97	522.25	**3,955.61**
Cat- V (B) - Agriculture (Tatkal)	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Cat- VI - Local Bodies, St. Lighting & PWS	34.30	32.86	30.49	31.38	30.79	35.40	33.93	35.17	34.19	34.20	34.30	35.09	**402.10**
Cat- VII (A & B) - General Purpose	3.03	2.23	2.01	2.49	2.62	3.31	2.73	2.67	2.94	2.43	2.52	2.97	**31.94**
Cat- VIII-Temporary Supply	-	-	0.02	-	-	-	-	-	-	-	-	0.01	**0.03**
HT Category at 11 KV	**114.14**	**76.51**	**87.40**	**89.81**	**91.08**	**116.74**	**94.09**	**91.44**	**111.36**	**132.34**	**135.34**	**125.43**	**1265.68**
HT-I Industry Segregated	24.68	23.65	32.06	28.35	30.09	37.38	26.04	37.05	47.49	50.64	44.21	40.75	**422.40**
Lights & Fans	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Colony consumption	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Seasonal Industries	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-I (B) Ferro-Alloys	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-II Industrial Non-Segregated	8.91	8.06	8.13	7.37	7.99	8.88	8.03	8.03	6.81	6.05	7.29	7.73	**93.29**
HT-IV A Govt. Lift Irrigation Schemes	2.03	0.91	0.86	0.79	1.00	2.42	3.01	3.61	3.91	4.10	4.45	2.80	**29.90**
HT-IV B Agriculture	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.55	0.54	0.54	0.55	0.01	**2.25**
Composite Public W.S Schemes	0.79	0.91	0.97	0.82	0.92	0.97	0.80	0.94	0.96	1.08	1.30	1.07	**11.54**
HT-VI Townships and Residential Colonies	1.83	1.70	1.80	1.68	1.81	2.01	1.77	1.60	1.43	1.49	1.37	1.41	**19.91**
HT-VII - Green Power	-	-	-	-	-	-	-	-	-	-	-	-	**-**
RESCOs	75.91	41.27	43.57	50.78	49.26	65.07	54.43	39.64	50.21	68.43	76.16	71.65	**686.39**
Temporary Supply	-	-	-	-	-	-	-	-	-	-	-	-	**-**
													-
HT Category at 33 KV	**11.28**	**19.28**	**22.32**	**20.68**	**16.72**	**19.74**	**14.34**	**14.13**	**16.56**	**21.43**	**21.23**	**22.62**	**220.34**
HT-I Industry Segregated	8.58	10.59	14.64	12.94	14.56	17.12	12.11	11.84	12.04	13.19	13.22	13.68	**154.48**
Lights & Fans	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Colony consumption	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Seasonal Industries	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-I (B) Ferro-Alloys	-	-	-	-	-	-	-	-	-	-	-	-	**-**

ANNEXURE - H(iv)

APNPDCL : CATEGORY WISE AND MONTHLY SALES FOR FY 2012-13

SALES FORECAST - APNPDCL 2012-13

Sales / Forecast Sales (MU)	Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)	-	-	-	-	-	-	-	-	-	-	-	-	-
HT-II Industrial Non-Segregated	0.21	0.45	0.13	0.44	0.16	0.31	0.15	0.17	0.16	0.16	0.22	0.52	**3.08**
HT-IV A Govt. Lift Irrigation Schemes	0.30	5.77	5.77	5.77	0.30	0.30	0.30	0.30	3.01	6.71	6.24	6.71	**41.47**
HT-IV B Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite Public W.S Schemes	-	-	-	-	-	-	-	-	-	-	-	-	-
HT-VI Townships and Residential Colonies	2.20	2.47	1.79	1.54	1.70	2.01	1.78	1.81	1.35	1.37	1.55	1.72	**21.30**
HT-VII - Green Power	-	-	-	-	-	-	-	-	-	-	-	-	-
RESCOs	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Supply	-	-	-	-	-	-	-	-	-	-	-	-	-
													-
HT Category at 132 KV	**86.07**	**106.21**	**122.37**	**123.69**	**103.16**	**109.44**	**100.14**	**100.93**	**118.26**	**149.76**	**145.18**	**144.69**	**1409.89**
HT-I Industry Segregated	38.40	35.69	49.15	49.03	51.72	56.96	50.18	51.46	48.78	46.92	48.41	45.96	**572.66**
Lights & Fans	-	-	-	-	-	-	-	-	-	-	-	-	-
Colony consumption	-	-	-	-	-	-	-	-	-	-	-	-	-
Seasonal Industries	-	-	-	-	-	-	-	-	-	-	-	-	-
HT-I (B) Ferro-Alloys	-	-	-	-	-	-	-	-	-	-	-	-	-
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)	-	-	-	-	-	-	-	-	-	-	-	-	-
HT-II Industrial Non-Segregated	0.04	0.01	0.15	0.10	0.16	0.19	0.15	0.15	0.15	0.16	0.15	0.31	**1.72**
HT-IV A Govt. Lift Irrigation Schemes	1.06	26.24	26.24	31.65	6.48	6.48	6.48	6.48	28.74	58.73	52.71	58.73	**310.02**
HT-IV B Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite Public W.S Schemes	-	-	-	-	-	-	-	-	-	-	-	-	-
HT-V Railway Traction	37.61	36.59	38.13	35.74	37.41	37.39	36.33	36.17	34.58	37.90	37.41	32.82	**438.06**
HT-VI Townships and Residential Colonies	8.97	7.69	8.70	7.17	7.40	8.42	7.00	6.66	6.00	6.06	6.50	6.87	**87.43**
HT-VII - Green Power	-	-	-	-	-	-	-	-	-	-	-	-	-
RESCOs	-	-	-	-	-	-	-	-	-	-	-	-	-
Temporary Supply	-	-	-	-	-	-	-	-	-	-	-	-	-
Total (LT & HT)	**827.23**	**693.27**	**690.91**	**795.71**	**899.55**	**864.25**	**937.16**	**838.00**	**926.31**	**1024.86**	**974.95**	**1133.08**	**10605.28**

ANNEXURE - H(v)

APSPDCL : CATEGORY WISE AND MONTHLY SALES FOR FY 2012-13

SALES FORECAST - APSPDCL 2012-13

Sales / Forecast Sales (MU)	Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
LT Category	**1045.54**	**1073.32**	**946.77**	**961.94**	**985.99**	**939.54**	**1094.04**	**949.99**	**915.95**	**949.14**	**985.18**	**1251.98**	**12,099.36**
Cat- I Domestic	430.21	447.23	444.87	436.15	424.72	424.23	433.56	397.51	372.72	339.84	344.30	419.25	**4,914.58**
Cat- II - Non-domestic/Commercial	106.36	112.95	108.67	106.67	98.38	103.66	97.06	93.68	87.31	87.06	91.34	101.52	**1,194.65**
Cat- III (A & B) - Industrial	72.91	79.28	92.76	68.59	85.71	88.56	72.71	83.30	65.14	90.98	93.32	99.39	**992.65**
Cat- IV - Cottage Industries & Dhobighats	2.52	2.89	2.23	2.15	2.39	2.35	2.91	2.79	3.05	2.56	2.53	1.91	**30.27**
Cat- VA,A(i) & A(ii) - Irrigation and Agriculture	391.92	387.98	258.76	309.24	333.86	282.39	445.33	334.74	343.16	386.01	416.08	588.88	**4,478.35**
Cat- V (B) - Agriculture (Tatkal)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**-**
Cat- VI - Local Bodies, St. Lighting & PWS	37.22	37.35	34.96	35.40	36.32	34.08	38.16	32.94	40.21	38.80	33.12	35.49	**434.05**
Cat- VII (A & B) - General Purpose	4.30	4.56	4.47	3.73	4.60	4.09	4.30	5.01	4.30	3.84	4.29	5.53	**53.03**
Cat- VIII-Temporary Supply	0.10	1.08	0.04	0.00	0.01	0.19	0.01	0.01	0.06	0.05	0.20	0.01	**1.77**
HT Category at 11 KV	**140.85**	**127.61**	**156.80**	**139.89**	**156.41**	**159.00**	**159.36**	**138.27**	**130.55**	**140.76**	**159.69**	**142.52**	**1,751.71**
HT-I Industry Segregated	48.46	51.07	68.64	64.31	72.65	77.37	81.70	72.34	70.21	69.18	76.74	70.15	**822.84**
Lights & Fans	1.46	1.62	2.37	2.32	2.12	2.80	2.60	1.93	2.47	2.22	2.18	2.04	**26.13**
Colony consumption	0.23	0.19	0.17	0.18	0.20	0.12	0.14	0.15	0.23	0.16	0.34	0.17	**2.28**
Seasonal Industries	2.10	1.04	1.48	1.82	1.20	0.84	0.94	2.01	2.89	3.13	2.57	1.77	**21.80**
HT-I (B) Ferro-Alloys	0.63	0.66	0.85	0.81	0.85	-	-	-	0.62	0.86	0.78	0.82	**6.87**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)	12.16	10.84	11.33	10.35	11.99	12.14	10.89	9.71	10.17	10.06	10.56	9.69	**129.89**
HT-II Industrial Non-Segregated	40.09	37.10	35.64	35.08	38.36	36.21	30.33	30.44	27.18	25.54	30.81	29.16	**395.94**
HT-IV A Govt. Lift Irrigation Schemes	0.53	0.09	(0.00)	0.02	1.32	1.35	1.28	1.30	1.44	1.35	1.47	1.41	**11.56**
HT-IV B Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Composite Public W.S Schemes	-	0.69	0.53	0.31	0.55	-	-	-	-	-	-	-	**2.08**
HT-VI Townships and Residential Colonies	4.27	3.50	3.45	3.37	3.38	3.42	5.64	3.53	3.23	3.45	3.64	3.61	**44.50**
HT-VII - Green Power	-	-	-	-	-	-	-	-	-	-	-	-	**-**
RESCOs	30.93	20.80	32.34	21.31	23.80	24.75	25.83	16.84	12.11	24.80	30.60	23.70	**287.80**
Temporary Supply	-	-	-	-	-	-	-	-	-	-	-	-	**-**
													-
HT Category at 33 KV	**156.04**	**159.85**	**209.47**	**203.22**	**232.83**	**219.63**	**264.64**	**246.99**	**256.14**	**232.82**	**237.96**	**236.55**	**2,656.15**
HT-I Industry Segregated	121.04	126.77	168.62	163.60	180.15	175.69	217.24	199.84	207.46	185.18	185.91	189.45	**2,120.95**
Lights & Fans	1.16	1.07	1.23	1.32	2.46	0.47	1.25	0.82	0.61	0.29	0.60	0.87	**12.14**
Colony consumption	0.98	0.84	0.91	0.85	0.97	0.90	1.09	1.05	1.10	0.81	1.07	1.05	**11.62**
Seasonal Industries	4.20	2.99	1.94	1.48	1.00	0.58	0.49	2.95	4.50	4.65	5.02	3.86	**33.67**
HT-I (B) Ferro-Alloys	5.08	5.48	8.20	9.00	11.21	8.55	9.47	8.86	8.96	8.88	9.13	8.82	**101.65**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)	16.86	16.92	22.88	21.60	26.54	22.66	21.55	20.77	21.55	22.29	23.16	21.46	**258.25**
HT-II Industrial Non-Segregated	6.00	5.70	5.61	5.30	5.77	5.58	6.07	6.32	6.44	5.69	6.01	5.01	**69.51**

ANNEXURE - H(v)

APSPDCL : CATEGORY WISE AND MONTHLY SALES FOR FY 2012-13

SALES FORECAST - APSPDCL 2012-13

Sales / Forecast Sales (MU)	Apr/12	May/12	Jun/12	Jul/12	Aug/12	Sep/12	Oct/12	Nov/12	Dec/12	Jan/13	Feb/13	Mar/13	Total
HT-IV A Govt. Lift Irrigation Schemes	0.64	0.01	0.00	0.01	4.65	5.19	7.47	6.38	5.53	5.03	7.06	6.04	**47.99**
HT-IV B Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Composite Public W.S Schemes	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-VI Townships and Residential Colonies	0.07	0.07	0.08	0.07	0.07	-	-	-	-	-	-	-	**0.36**
HT-VII - Green Power	-	-	-	-	-	-	-	-	-	-	-	-	**-**
RESCOs	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Temporary Supply	-	-	-	-	-	-	-	-	-	-	-	-	**-**
													-
HT Category at 132 KV	**147.54**	**145.42**	**156.83**	**166.23**	**180.34**	**147.25**	**171.58**	**144.14**	**157.53**	**155.26**	**174.03**	**190.16**	**1,936.30**
HT-I Industry Segregated	84.33	82.04	89.89	101.22	110.85	82.86	105.70	89.98	95.39	87.92	107.61	131.55	**1,169.33**
Lights & Fans	0.10	0.12	0.13	0.13	0.18	0.12	0.12	0.15	0.21	0.33	0.92	0.07	**2.58**
Colony consumption	0.61	0.58	0.57	0.42	1.13	0.45	0.40	0.58	0.32	0.31	0.36	0.44	**6.18**
Seasonal Industries	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-I (B) Ferro-Alloys	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-I Industrial Time-of-Day Tariff (6 PM to 9 PM)	10.52	10.23	11.51	13.65	14.43	12.22	9.77	9.50	9.71	9.90	12.32	13.95	**137.71**
HT-II Industrial Non-Segregated	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-IV A Govt. Lift Irrigation Schemes	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-IV B Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Composite Public W.S Schemes	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-V Railway Traction	51.98	52.45	54.72	50.81	53.75	51.59	55.58	43.92	51.91	56.80	52.83	44.15	**620.51**
HT-VI Townships and Residential Colonies	-	-	-	-	-	-	-	-	-	-	-	-	**-**
HT-VII - Green Power	-	-	-	-	-	-	-	-	-	-	-	-	**-**
RESCOs	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Temporary Supply	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Total (LT & HT)	**1489.97**	**1506.19**	**1469.86**	**1471.28**	**1555.56**	**1465.43**	**1689.63**	**1479.38**	**1460.17**	**1477.97**	**1556.86**	**1821.21**	**18,443.52**

ANNEXURE - I
CPDCL: COST OF SERVICE

CPDCL	Generation					
	Demand			Energy		
LT	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month	Cost (Rs Crores)	Recovery Basis - Energy Sales (MU)	CoS - Rs/kWh
LT Cat I - Domestic	1,390.59	2,315.90	500.38	1,942.93	6,941.57	2.80
LT Cat II - Non-domestic	447.27	757.09	492.32	633.67	2,222.81	2.85
LT Cat III (A & B) - Industrial	182.06	310.60	488.45	365.84	1,270.23	2.88
LT Cat IV - Cottage Industries & Dhobighats	2.67	4.54	489.16	5.38	18.67	2.88
LT Cat V - Irrigation and Agriculture	266.00	2,735.45	81.03	2,166.66	8,073.90	2.68
LT Cat VI - Local Bodies, St. Lighting & PWS	184.03	307.77	498.28	252.24	922.60	2.73
LT Cat VII - General Purpose	16.00	26.79	497.49	21.84	79.88	2.73
LT Cat VIII - Temporary	0.28	0.49	478.02	0.34	1.26	2.73
HT						
HT Cat I - Industry - General (11 kV)	298.89	1,100.16	226.40	672.72	3,008.48	2.24
HT Cat I - Industry - General (33 kV)	539.12	1,066.89	421.10	1,216.27	5,601.20	2.17
HT Cat I - Industry - General (220/132 kV)	304.95	573.16	443.37	806.80	3,723.54	2.17
HT Cat II - Industry - Other (11 kV)	152.21	596.58	212.61	286.06	1,249.74	2.29
HT Cat II - Industry - Other (33 kV)	55.73	165.39	280.79	106.68	491.27	2.17
HT Cat II - Industry - Other (220/132 kV)	13.86	40.63	284.21	27.86	128.58	2.17
HT Cat IV - Irrigation & Agriculture (11 kV)	6.66	39.83	139.38	18.44	78.95	2.34
HT Cat IV - Irrigation & Agriculture (33 kV)	27.25	172.37	131.75	78.25	360.35	2.17
HT Cat V - Railway Traction (EHT)	23.60	74.19	265.08	35.40	163.38	2.17
HT Cat VI - Colony Consumption	17.12	52.25	273.13	24.76	108.96	2.27
HT Rural Co-operatives (11 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Temporary	0.67	1.23	451.71	1.13	4.94	2.29
Open Access - 33 kV						
Open Access - 11 kV						
TOTAL	**3,928.95**	**10,341.33**	**316.61**	**8,663.27**	**34,450.30**	**2.51**

ANNEXURE - I
CPDCL: COST OF SERVICE

CPDCL	Transmission - Inter-State			Transmission - Intra-State		
	Demand			**Demand**		
LT	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month
LT Cat I - Domestic	33.68	2,315.90	12.12	91.49	2,315.90	32.92
LT Cat II - Non-domestic	11.01	757.09	12.12	29.91	757.09	32.92
LT Cat III (A & B) - Industrial	4.52	310.60	12.12	12.27	310.60	32.92
LT Cat IV - Cottage Industries & Dhobighats	0.07	4.54	12.12	0.18	4.54	32.92
LT Cat V - Irrigation and Agriculture	39.78	2,735.45	12.12	108.07	2,735.45	32.92
LT Cat VI - Local Bodies, St. Lighting & PWS	4.48	307.77	12.12	12.16	307.77	32.92
LT Cat VII - General Purpose	0.39	26.79	12.12	1.06	26.79	32.92
LT Cat VIII - Temporary	0.01	0.49	12.12	0.02	0.49	32.92
HT						
HT Cat I - Industry - General (11 kV)	37.05	1,100.16	28.07	100.66	1,100.16	76.25
HT Cat I - Industry - General (33 kV)	35.93	1,066.89	28.07	97.62	1,066.89	76.25
HT Cat I - Industry - General (220/132 kV)	19.30	573.16	28.07	52.44	573.16	76.25
HT Cat II - Industry - Other (11 kV)	20.09	596.58	28.07	54.59	596.58	76.25
HT Cat II - Industry - Other (33 kV)	5.57	165.39	28.07	15.13	165.39	76.25
HT Cat II - Industry - Other (220/132 kV)	1.37	40.63	28.07	3.72	40.63	76.25
HT Cat IV - Irrigation & Agriculture (11 kV)	0.58	39.83	12.12	1.57	39.83	32.92
HT Cat IV - Irrigation & Agriculture (33 kV)	2.51	172.37	12.12	6.81	172.37	32.92
HT Cat V - Railway Traction (EHT)	2.50	74.19	28.07	6.79	74.19	76.25
HT Cat VI - Colony Consumption	1.76	52.25	28.07	4.78	52.25	76.25
HT Rural Co-operatives (11 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Temporary	0.02	1.23	12.12	0.05	1.23	32.92
Open Access - 33 kV						
Open Access - 11 kV						
TOTAL	**220.60**	**10,341.33**	**17.78**	**599.33**	**10,341.33**	**48.30**

ANNEXURE - I
CPDCL: COST OF SERVICE

CPDCL	Distribution			Retail Supply		
	Demand			Energy		
LT	Cost (Rs Crores)	Rate Basis - Contracts/NCP T-D interface (MW)	CoS - Rs/kVA/ Month	Cost (Rs Crores)	Rate Basis - Energy Sales (MU)	CoS - Rs/kVA/ Month
LT Cat I - Domestic	434.73	1,994.40	181.64	22.52	6,942	0.03
LT Cat II - Non-domestic	139.21	638.64	181.64	7.35	2,223	0.03
LT Cat III (A & B) - Industrial	56.15	257.61	181.64	4.24	1,270	0.03
LT Cat IV - Cottage Industries & Dhobighats	0.83	3.79	181.64	0.06	19	0.03
LT Cat V - Irrigation and Agriculture	539.35	2,474.38	181.64	25.12	8,074	0.03
LT Cat VI - Local Bodies, St. Lighting & PWS	59.01	270.71	181.64	2.92	923	0.03
LT Cat VII - General Purpose	5.11	23.44	181.64	0.25	80	0.03
LT Cat VIII - Temporary	0.08	0.37	181.64	0.00	1	0.03
HT						
HT Cat I - Industry - General (11 kV)	151.77	1,052.85	120.13	7.80	3,008	0.03
HT Cat I - Industry - General (33 kV)	37.95	1,021.01	30.98	14.10	5,601	0.03
HT Cat I - Industry - General (220/132 kV)	0.00		NA	9.35	3,724	0.03
HT Cat II - Industry - Other (11 kV)	82.30	570.93	120.13	3.32	1,250	0.03
HT Cat II - Industry - Other (33 kV)	5.88	158.28	30.98	1.24	491	0.03
HT Cat II - Industry - Other (220/132 kV)	0.00		NA	0.32	129	0.03
HT Cat IV - Irrigation & Agriculture (11 kV)	5.27	36.56	120.13	0.21	79	0.03
HT Cat IV - Irrigation & Agriculture (33 kV)	6.13	164.86	30.98	0.91	360	0.03
HT Cat V - Railway Traction (EHT)	0.00		NA	0.41	163	0.03
HT Cat VI - Colony Consumption	7.31	50.70	120.13	0.29	109	0.03
HT Rural Co-operatives (11 kV)	0.00	0.00	NA	0.00	0	NA
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0	NA
HT Temporary	0.14	0.95	120.13	0.01	5	0.03
Open Access - 33 kV	0.00	0.00	NA	0.00	0	NA
Open Access - 11 kV	0.00	0.00	NA	0.00	0	NA
TOTAL	**1,531.21**	**8,719.48**	**146.34**	**100.43**	**34,450**	**0.03**

ANNEXURE - I
CPDCL: COST OF SERVICE

CPDCL	Cost Allocation (Rs Crores)			
LT	**Demand - G**	**Demand - T**	**Demand - D**	**Energy**
	Rs Crores			
LT Cat I - Domestic	1,390.59	125.17	434.73	1,965.46
LT Cat II - Non-domestic	447.27	40.92	139.21	641.01
LT Cat III (A & B) - Industrial	182.06	16.79	56.15	370.08
LT Cat IV - Cottage Industries & Dhobighats	2.67	0.25	0.83	5.44
LT Cat V - Irrigation and Agriculture	266.00	147.85	539.35	2,191.78
LT Cat VI - Local Bodies, St. Lighting & PWS	184.03	16.63	59.01	255.17
LT Cat VII - General Purpose	16.00	1.45	5.11	22.09
LT Cat VIII - Temporary	0.28	0.03	0.08	0.35
HT				
HT Cat I - Industry - General (11 kV)	298.89	137.72	151.77	680.51
HT Cat I - Industry - General (33 kV)	539.12	133.55	37.95	1,230.37
HT Cat I - Industry - General (220/132 kV)	304.95	71.75	0.00	816.15
HT Cat II - Industry - Other (11 kV)	152.21	74.68	82.30	289.37
HT Cat II - Industry - Other (33 kV)	55.73	20.70	5.88	107.91
HT Cat II - Industry - Other (220/132 kV)	13.86	5.09	0.00	28.18
HT Cat IV - Irrigation & Agriculture (11 kV)	6.66	2.15	5.27	18.66
HT Cat IV - Irrigation & Agriculture (33 kV)	27.25	9.32	6.13	79.16
HT Cat V - Railway Traction (EHT)	23.60	9.29	0.00	35.81
HT Cat VI - Colony Consumption	17.12	6.54	7.31	25.05
HT Rural Co-operatives (11 kV)	0.00	0.00	0.00	0.00
HT Rural Co-operatives (33 kV)	0.00	0.00	0.00	0.00
HT Temporary	0.67	0.07	0.14	1.14
Open Access - 33 kV	0.00	0.00	0.00	0.00
Open Access - 11 kV	0.00	0.00	0.00	0.00
TOTAL	**3,928.95**	**819.93**	**1,531.21**	**8,763.70**

ANNEXURE - I
CPDCL: COST OF SERVICE

CPDCL	Cost Allocation (Rs Cr.)		Total Cost	Sales	CoS
LT	Demand	Energy			
	Rs Crores		Rs Crores	MUs	Rs/Unit
LT Cat I - Domestic	1,950.49	1,965.46	3,915.94	6,941.57	5.64
LT Cat II - Non-domestic	627.40	641.01	1,268.41	2,222.81	5.71
LT Cat III (A & B) - Industrial	255.00	370.08	625.08	1,270.23	4.92
LT Cat IV - Cottage Industries & Dhobighats	3.74	5.44	9.18	18.67	4.92
LT Cat V - Irrigation and Agriculture	953.19	2,191.78	3,144.97	8,073.90	3.90
LT Cat VI - Local Bodies, St. Lighting & PWS	259.67	255.17	514.84	922.60	5.58
LT Cat VII - General Purpose	22.55	22.09	44.65	79.88	5.59
LT Cat VIII - Temporary	0.39	0.35	0.74	1.26	5.84
HT					
HT Cat I - Industry - General (11 kV)	588.38	680.51	1,268.90	3,008.48	4.22
HT Cat I - Industry - General (33 kV)	710.63	1,230.37	1,941.00	5,601.20	3.47
HT Cat I - Industry - General (220/132 kV)	376.70	816.15	1,192.85	3,723.54	3.20
HT Cat II - Industry - Other (11 kV)	309.19	289.37	598.56	1,249.74	4.79
HT Cat II - Industry - Other (33 kV)	82.32	107.91	190.23	491.27	3.87
HT Cat II - Industry - Other (220/132 kV)	18.94	28.18	47.12	128.58	3.66
HT Cat IV - Irrigation & Agriculture (11 kV)	14.09	18.66	32.74	78.95	3.52
HT Cat IV - Irrigation & Agriculture (33 kV)	42.70	79.16	121.85	360.35	3.52
HT Cat V - Railway Traction (EHT)	32.89	35.81	68.70	163.38	4.20
HT Cat VI - Colony Consumption	30.97	25.05	56.02	108.96	5.14
HT Rural Co-operatives (11 kV)	0.00	0.00	0.00	0.00	0.00
HT Rural Co-operatives (33 kV)	0.00	0.00	0.00	0.00	0.00
HT Temporary	0.87	1.14	2.01	4.94	4.08
Open Access - 33 kV	0.00	0.00	0.00	0.00	0.00
Open Access - 11 kV	0.00	0.00	0.00	0.00	0.00
TOTAL	**6,280.09**	**8,763.70**	**15,043.78**	**34,450.30**	**4.37**

Annexure - J
EPDCL: COST OF SERVICE

EPDCL	Generation					
	Demand			Energy		
LT	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month	Cost (Rs Crores)	Recovery Basis - Energy Sales (MU)	CoS - Rs/kWh
LT Cat I - Domestic	600.96	1,140.50	439.11	976.84	3,680.89	2.65
LT Cat II - Non-domestic	140.39	261.85	446.80	223.76	838.81	2.67
LT Cat III (A & B) - Industrial	69.09	139.13	413.82	164.95	602.62	2.74
LT Cat IV - Cottage Industries & Dhobighats	0.27	0.54	412.46	0.66	2.29	2.86
LT Cat V - Irrigation and Agriculture	52.46	587.14	74.45	441.16	1,714.80	2.57
LT Cat VI - Local Bodies, St. Lighting & PWS	63.35	128.93	409.48	96.81	313.12	3.09
LT Cat VII - General Purpose	8.60	17.48	410.33	13.36	43.19	3.09
LT Cat VIII - Temporary	0.16	0.32	416.19	0.29	0.88	3.33
HT						
HT Cat I - Industry - General (11 kV)	111.40	533.78	173.92	275.41	1,237.11	2.23
HT Cat I - Industry - General (33 kV)	108.91	258.86	350.62	269.93	1,229.01	2.20
HT Cat I - Industry - General (220/132 kV)	160.47	693.03	192.96	456.91	2,092.06	2.18
HT Cat II - Industry - Other (11 kV)	36.96	173.11	177.91	78.08	350.71	2.23
HT Cat II - Industry - Other (33 kV)	9.10	38.73	195.91	22.41	102.02	2.20
HT Cat II - Industry - Other (220/132 kV)	9.06	18.14	416.14	24.00	109.91	2.18
HT Cat IV - Irrigation & Agriculture (11 kV)	0.66	7.38	74.07	4.85	21.78	2.23
HT Cat IV - Irrigation & Agriculture (33 kV)	5.04	56.74	74.05	38.41	174.89	2.20
HT Cat V - Railway Traction (EHT)	81.80	231.82	294.04	132.05	604.63	2.18
HT Cat VI - Colony Consumption	4.66	13.03	297.95	7.74	34.76	2.23
HT Rural Co-operatives (11 kV)	15.03	48.76	256.79	53.42	239.94	2.23
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Temporary	2.13	5.14	345.68	4.50	20.22	2.23
Open Access - 33 kV						
Open Access - 11 kV						
TOTAL	**1,480.50**	**4,354.37**	**283.34**	**3,285.54**	**13,413.65**	**2.45**

Annexure - J
EPDCL: COST OF SERVICE

EPDCL	ULDC and PGCIL - Inter-State			Transmission - Intra-State		
	Demand			Demand		
LT	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month
LT Cat I - Domestic	5.66	1,140.50	4.13	15.58	1,140.50	11.39
LT Cat II - Non-domestic	1.30	261.85	4.13	3.58	261.85	11.39
LT Cat III (A & B) - Industrial	0.69	139.13	4.13	1.90	139.13	11.39
LT Cat IV - Cottage Industries & Dhobighats	0.00	0.54	4.13	0.01	0.54	11.39
LT Cat V - Irrigation and Agriculture	2.91	587.14	4.13	8.02	587.14	11.39
LT Cat VI - Local Bodies, St. Lighting & PWS	0.64	128.93	4.13	1.76	128.93	11.39
LT Cat VII - General Purpose	0.09	17.48	4.13	0.24	17.48	11.39
LT Cat VIII - Temporary	0.00	0.32	4.13	0.00	0.32	11.39
HT						
HT Cat I - Industry - General (11 kV)	17.68	533.78	27.60	48.70	533.78	76.03
HT Cat I - Industry - General (33 kV)	8.57	258.86	27.60	23.62	258.86	76.03
HT Cat I - Industry - General (220/132 kV)	22.95	693.03	27.60	63.23	693.03	76.03
HT Cat II - Industry - Other (11 kV)	5.73	173.11	27.60	15.79	173.11	76.03
HT Cat II - Industry - Other (33 kV)	1.28	38.73	27.60	3.53	38.73	76.03
HT Cat II - Industry - Other (220/132 kV)	0.60	18.14	27.60	1.66	18.14	76.03
HT Cat IV - Irrigation & Agriculture (11 kV)	0.04	7.38	4.13	0.10	7.38	11.39
HT Cat IV - Irrigation & Agriculture (33 kV)	0.28	56.74	4.13	0.78	56.74	11.39
HT Cat V - Railway Traction (EHT)	7.68	231.82	27.60	21.15	231.82	76.03
HT Cat VI - Colony Consumption	0.43	13.03	27.60	1.19	13.03	76.03
HT Rural Co-operatives (11 kV)	0.24	48.76	4.13	0.67	48.76	11.39
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Temporary	0.03	5.14	4.13	0.07	5.14	11.39
Open Access - 33 kV						
Open Access - 11 kV						
TOTAL	**76.80**	**4,354.37**	**14.70**	**211.57**	**4,354.37**	**40.49**

Annexure - J
EPDCL: COST OF SERVICE

EPDCL	Distribution			Retail Supply			Cost Allocation (Rs Crores)			
	Demand			Energy			Demand - G	Demand - T	Demand - D	Energy
LT	Cost (Rs Crores)	Rate Basis - Contracts/NCP T-D interface (MW)	CoS - Rs/kVA / Month	Cost (Rs Crores)	Rate Basis - Energy Sales (MU)	CoS - Rs/kWh	Rs Crores			
LT Cat I - Domestic	304.97	1,011.37	251.28	13.13	3,681	0.04	600.96	21.24	304.97	989.96
LT Cat II - Non-domestic	69.50	230.47	251.28	3.01	839	0.04	140.39	4.88	69.50	226.77
LT Cat III (A & B) - Industrial	35.77	118.62	251.28	2.22	603	0.04	69.09	2.59	35.77	167.17
LT Cat IV - Cottage Industries & Dhobighats	0.14	0.45	251.28	0.01	2	0.04	0.27	0.01	0.14	0.67
LT Cat V - Irrigation and Agriculture	162.37	538.47	251.28	5.93	1,715	0.03	52.46	10.93	162.37	447.09
LT Cat VI - Local Bodies, St. Lighting & PWS	28.30	93.85	251.28	1.30	313	0.04	63.35	2.40	28.30	98.11
LT Cat VII - General Purpose	3.90	12.95	251.28	0.18	43	0.04	8.60	0.33	3.90	13.54
LT Cat VIII - Temporary	0.08	0.26	251.28	0.00	1	0.04	0.16	0.01	0.08	0.30
HT										
HT Cat I - Industry - General (11 kV)	81.23	510.82	132.51	3.70	1,237	0.03	111.40	66.38	81.23	279.11
HT Cat I - Industry - General (33 kV)	6.92	247.72	23.28	3.63	1,229	0.03	108.91	32.19	6.92	273.56
HT Cat I - Industry - General (220/132 kV)	0.00		NA	6.14	2,092	0.03	160.47	86.18	0.00	463.05
HT Cat II - Industry - Other (11 kV)	26.34	165.66	132.51	1.05	351	0.03	36.96	21.53	26.34	79.13
HT Cat II - Industry - Other (33 kV)	1.04	37.06	23.28	0.30	102	0.03	9.10	4.82	1.04	22.71
HT Cat II - Industry - Other (220/132 kV)	0.00		NA	0.32	110	0.03	9.06	2.26	0.00	24.33
HT Cat IV - Irrigation & Agriculture (11 kV)	1.12	7.03	132.51	0.07	22	0.03	0.66	0.14	1.12	4.91
HT Cat IV - Irrigation & Agriculture (33 kV)	1.51	54.21	23.28	0.52	175	0.03	5.04	1.06	1.51	38.93
HT Cat V - Railway Traction (EHT)	0.00		NA	1.77	605	0.03	81.80	28.83	0.00	133.83
HT Cat VI - Colony Consumption	2.02	12.69	132.51	0.10	35	0.03	4.66	1.62	2.02	7.84
HT Rural Co-operatives (11 kV)	7.39	46.47	132.51	0.72	240	0.03	15.03	0.91	7.39	54.13
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0	NA	0.00	0.00	0.00	0.00
HT Temporary	0.78	4.89	132.51	0.06	20	0.03	2.13	0.10	0.78	4.56
Open Access - 33 kV	0.00	0.00	NA				0.00	0.00	0.00	0.00
Open Access - 11 kV	0.00	0.00	NA				0.00	0.00	0.00	0.00
TOTAL	**733.37**	**3,093.01**	**197.59**	**44.16**	**13,414**	**0.03**	**1,480.50**	**288.37**	**733.37**	**3,329.70**

Annexure - J
EPDCL: COST OF SERVICE

EPDCL	Cost Allocation (Rs Cr.)		Total Cost	Sales	CoS
	Demand	Energy			Total
LT	**Rs Crores**		**Rs Crores**	**MUs**	**Rs/Unit**
LT Cat I - Domestic	927.17	989.96	1,917.13	3,680.89	5.21
LT Cat II - Non-domestic	214.76	226.77	441.53	838.81	5.26
LT Cat III (A & B) - Industrial	107.45	167.17	274.61	602.62	4.56
LT Cat IV - Cottage Industries & Dhobighats	0.41	0.67	1.08	2.29	4.69
LT Cat V - Irrigation and Agriculture	225.76	447.09	672.86	1,714.80	3.92
LT Cat VI - Local Bodies, St. Lighting & PWS	94.05	98.11	192.17	313.12	6.14
LT Cat VII - General Purpose	12.83	13.54	26.37	43.19	6.11
LT Cat VIII - Temporary	0.24	0.30	0.54	0.88	6.15
HT					
HT Cat I - Industry - General (11 kV)	259.00	279.11	538.12	1,237.11	4.35
HT Cat I - Industry - General (33 kV)	148.02	273.56	421.58	1,229.01	3.43
HT Cat I - Industry - General (220/132 kV)	246.65	463.05	709.70	2,092.06	3.39
HT Cat II - Industry - Other (11 kV)	84.83	79.13	163.95	350.71	4.67
HT Cat II - Industry - Other (33 kV)	14.96	22.71	37.66	102.02	3.69
HT Cat II - Industry - Other (220/132 kV)	11.31	24.33	35.64	109.91	3.24
HT Cat IV - Irrigation & Agriculture (11 kV)	1.91	4.91	6.83	21.78	2.71
HT Cat IV - Irrigation & Agriculture (33 kV)	7.61	38.93	46.54	174.89	2.71
HT Cat V - Railway Traction (EHT)	110.62	133.83	244.45	604.63	4.04
HT Cat VI - Colony Consumption	8.29	7.84	16.14	34.76	4.64
HT Rural Co-operatives (11 kV)	23.32	54.13	77.46	239.94	3.23
HT Rural Co-operatives (33 kV)	0.00	0.00	0.00	0.00	0.00
HT Temporary	3.00	4.56	7.57	20.22	3.74
Open Access - 33 kV	0.00	0.00	0.00	0.00	0.00
Open Access - 11 kV	0.00	0.00	0.00	0.00	0.00
TOTAL	**2,502.23**	**3,329.70**	**5,831.93**	**13,413.65**	**4.35**

ANNEXURE - K
NPDCL: COST OF SERVICE

NPDCL	Generation					
	Demand			Energy		
LT	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month	Cost (Rs Crores)	Recovery Basis - Energy Sales (MU)	CoS - Rs/kWh
LT Cat I - Domestic	491.09	779.45	525.04	644.75	2,460.63	2.62
LT Cat II - Non-domestic	118.27	195.70	503.59	150.79	537.05	2.81
LT Cat III (A & B) - Industrial	50.20	84.74	493.64	85.92	314.08	2.74
LT Cat IV - Cottage Industries & Dhobighats	1.11	1.88	495.08	1.93	7.06	2.73
LT Cat V - Irrigation and Agriculture	138.67	1,291.82	89.46	991.63	3,955.61	2.51
LT Cat VI - Local Bodies, St. Lighting & PWS	94.47	152.54	516.11	108.96	402.10	2.71
LT Cat VII - General Purpose	7.52	12.15	515.76	8.66	31.97	2.71
LT Cat VIII - Temporary	0.00	0.01	453.24	0.01	0.03	2.71
HT	**0.00**			**0.00**		
HT Cat I - Industry - General (11 kV)	51.38	139.33	307.28	101.18	427.17	2.37
HT Cat I - Industry - General (33 kV)	17.45	30.51	476.73	33.96	154.44	2.20
HT Cat I - Industry - General (220/132 kV)	52.89	173.83	253.54	128.28	584.68	2.19
HT Cat II - Industry - Other (11 kV)	11.56	29.03	331.67	21.83	95.24	2.29
HT Cat II - Industry - Other (33 kV)	0.36	1.71	175.96	0.72	3.08	2.35
HT Cat II - Industry - Other (220/132 kV)	0.21	4.45	39.62	0.42	1.88	2.25
HT Cat IV - Irrigation & Agriculture (11 kV)	36.41	171.09	177.33	81.33	351.49	2.31
HT Cat IV - Irrigation & Agriculture (33 kV)	0.66	21.83	25.01	7.07	32.15	2.20
HT Cat V - Railway Traction (EHT)	71.03	120.38	491.73	96.31	438.95	2.19
HT Cat VI - Colony Consumption	21.83	29.81	610.36	29.90	130.53	2.29
HT Rural Co-operatives (11 kV)	50.91	131.20	323.38	153.14	686.39	2.23
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Temporary	0.00	0.00	NA	0.00	0.00	NA
Open Access - 33 kV						
Open Access - 11 kV						
TOTAL	**1,216.02**	**3,371.46**	**300.57**	**2,646.78**	**10,614.52**	**2.49**

ANNEXURE - K
NPDCL: COST OF SERVICE

NPDCL	Transmission - Inter-State			Transmission - Intra-State		
LT	Demand			Demand		
	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month
LT Cat I - Domestic	21.33	779.45	22.81	43.09	779.45	46.07
LT Cat II - Non-domestic	5.36	195.70	22.81	10.82	195.70	46.07
LT Cat III (A & B) - Industrial	2.32	84.74	22.81	4.69	84.74	46.07
LT Cat IV - Cottage Industries & Dhobighats	0.05	1.88	22.81	0.10	1.88	46.07
LT Cat V - Irrigation and Agriculture	35.36	1,291.82	22.81	71.42	1,291.82	46.07
LT Cat VI - Local Bodies, St. Lighting & PWS	4.17	152.54	22.81	8.43	152.54	46.07
LT Cat VII - General Purpose	0.33	12.15	22.81	0.67	12.15	46.07
LT Cat VIII - Temporary	0.00	0.01	22.81	0.00	0.01	46.07
HT						
HT Cat I - Industry - General (11 kV)	6.31	139.33	37.76	12.75	139.33	76.28
HT Cat I - Industry - General (33 kV)	1.38	30.51	37.76	2.79	30.51	76.28
HT Cat I - Industry - General (220/132 kV)	7.88	173.83	37.76	15.91	173.83	76.28
HT Cat II - Industry - Other (11 kV)	1.32	29.03	37.76	2.66	29.03	76.28
HT Cat II - Industry - Other (33 kV)	0.08	1.71	37.76	0.16	1.71	76.28
HT Cat II - Industry - Other (220/132 kV)	0.20	4.45	37.76	0.41	4.45	76.28
HT Cat IV - Irrigation & Agriculture (11 kV)	4.68	171.09	22.81	9.46	171.09	46.07
HT Cat IV - Irrigation & Agriculture (33 kV)	0.60	21.83	22.81	1.21	21.83	46.07
HT Cat V - Railway Traction (EHT)	5.45	120.38	37.76	11.02	120.38	76.28
HT Cat VI - Colony Consumption	1.35	29.81	37.76	2.73	29.81	76.28
HT Rural Co-operatives (11 kV)	3.59	131.20	22.81	7.25	131.20	46.07
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Temporary	0.00	0.00	NA	0.00	0.00	NA
Open Access - 33 kV						
Open Access - 11 kV						
TOTAL	**101.77**	**3,371.46**	**25.15**	**205.5765**	**3,371.46**	**50.81**

ANNEXURE - K
NPDCL: COST OF SERVICE

NPDCL	Distribution			Retail Supply		
	Demand			Energy		
LT	Cost (Rs Crores)	Rate Basis - Contracts/NCP T-D interface (MW)	CoS - Rs/kVA/ Month	Cost (Rs Crores)	Rate Basis - Energy Sales (MU)	CoS - Rs/kVA/ Month
LT Cat I - Domestic	224.70	703.39	266.21	6.82	2,461	0.03
LT Cat II - Non-domestic	52.39	163.99	266.21	1.59	537	0.03
LT Cat III (A & B) - Industrial	22.85	71.52	266.21	0.91	314	0.03
LT Cat IV - Cottage Industries & Dhobighats	0.51	1.61	266.21	0.02	7	0.03
LT Cat V - Irrigation and Agriculture	394.82	1,235.92	266.21	10.49	3,956	0.03
LT Cat VI - Local Bodies, St. Lighting & PWS	42.09	131.76	266.21	1.15	402	0.03
LT Cat VII - General Purpose	3.35	10.48	266.21	0.09	32	0.03
LT Cat VIII - Temporary	0.00	0.01	266.21	0.00	0	0.03
HT						
HT Cat I - Industry - General (11 kV)	17.68	133.34	110.51	1.07	427	0.03
HT Cat I - Industry - General (33 kV)	0.61	29.20	17.30	0.36	154	0.02
HT Cat I - Industry - General (220/132 kV)	0.00		NA	1.36	585	0.02
HT Cat II - Industry - Other (11 kV)	3.68	27.79	110.51	0.23	95	0.02
HT Cat II - Industry - Other (33 kV)	0.03	1.63	17.30	0.01	3	0.02
HT Cat II - Industry – Other (220/132 kV)	0.00		NA	0.00	2	0.02
HT Cat IV - Irrigation & Agriculture (11 kV)	21.64	163.20	110.51	0.86	351	0.02
HT Cat IV - Irrigation & Agriculture (33 kV)	0.31	14.75	17.30	0.07	32	0.02
HT Cat V - Railway Traction (EHT)	0.00		NA	1.02	439	0.02
HT Cat VI - Colony Consumption	3.85	29.01	110.51	0.32	131	0.02
HT Rural Co-operatives (11 kV)	16.51	124.49	110.51	1.62	686	0.02
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0	NA
HT Temporary	0.00	0.00	NA	0.00	0	NA
Open Access - 33 kV	0.00	0.00	NA			
Open Access - 11 kV	0.00	0.00	NA			
TOTAL	**805.02**	**2,842.08**	**236.04**	**27.99**	**10,615**	**0.03**

ANNEXURE - K
NPDCL: COST OF SERVICE

NPDCL	Cost Allocation (Rs Crores)			
LT	Demand - G	Demand - T	Demand - D	Energy
	Rs Crores			
LT Cat I - Domestic	491.09	64.43	224.70	651.57
LT Cat II - Non-domestic	118.27	16.18	52.39	152.38
LT Cat III (A & B) - Industrial	50.20	7.00	22.85	86.83
LT Cat IV - Cottage Industries & Dhobighats	1.11	0.16	0.51	1.95
LT Cat V - Irrigation and Agriculture	138.67	106.78	394.82	1,002.11
LT Cat VI - Local Bodies, St. Lighting & PWS	94.47	12.61	42.09	110.11
LT Cat VII - General Purpose	7.52	1.00	3.35	8.75
LT Cat VIII - Temporary	0.00	0.00	0.00	0.01
HT				
HT Cat I - Industry - General (11 kV)	51.38	19.07	17.68	102.25
HT Cat I - Industry - General (33 kV)	17.45	4.17	0.61	34.32
HT Cat I - Industry - General (220/132 kV)	52.89	23.79	0.00	129.64
HT Cat II - Industry - Other (11 kV)	11.56	3.97	3.68	22.06
HT Cat II - Industry - Other (33 kV)	0.36	0.23	0.03	0.73
HT Cat II - Industry - Other (220/132 kV)	0.21	0.61	0.00	0.43
HT Cat IV - Irrigation & Agriculture (11 kV)	36.41	14.14	21.64	82.19
HT Cat IV - Irrigation & Agriculture (33 kV)	0.66	1.80	0.31	7.14
HT Cat V - Railway Traction (EHT)	71.03	16.47	0.00	97.33
HT Cat VI - Colony Consumption	21.83	4.08	3.85	30.22
HT Rural Co-operatives (11 kV)	50.91	10.84	16.51	154.76
HT Rural Co-operatives (33 kV)	0.00	0.00	0.00	0.00
HT Temporary	0.00	0.00	0.00	0.00
Open Access - 33 kV	0.00	0.00	0.00	0.00
Open Access - 11 kV	0.00	0.00	0.00	0.00
TOTAL	**1,216.02**	**307.35**	**805.02**	**2,674.77**

ANNEXURE - K
NPDCL: COST OF SERVICE

NPDCL	Cost Allocation (Rs Cr.)			Total Cost	Sales	CoS
LT	Demand	Energy	Customer			
	Rs Crores			Rs Crores	MUs	Rs/Unit
LT Cat I - Domestic	780.22	651.57	0.00	1,431.79	2,460.63	5.82
LT Cat II - Non-domestic	186.83	152.38	0.00	339.21	537.05	6.32
LT Cat III (A & B) - Industrial	80.05	86.83	0.00	166.87	314.08	5.31
LT Cat IV - Cottage Industries & Dhobighats	1.78	1.95	0.00	3.73	7.06	5.29
LT Cat V - Irrigation and Agriculture	640.27	1,002.11	0.00	1,642.38	3,955.61	4.15
LT Cat VI - Local Bodies, St. Lighting & PWS	149.17	110.11	0.00	259.29	402.10	6.45
LT Cat VII - General Purpose	11.87	8.75	0.00	20.63	31.97	6.45
LT Cat VIII - Temporary	0.01	0.01	0.00	0.02	0.03	5.65
HT						
HT Cat I - Industry - General (11 kV)	88.13	102.25	0.00	190.37	427.17	4.46
HT Cat I - Industry - General (33 kV)	22.23	34.32	0.00	56.55	154.44	3.66
HT Cat I - Industry - General (220/132 kV)	76.68	129.64	0.00	206.31	584.68	3.53
HT Cat II - Industry - Other (11 kV)	19.21	22.06	0.00	41.28	95.24	4.33
HT Cat II - Industry - Other (33 kV)	0.63	0.73	0.00	1.36	3.08	4.41
HT Cat II - Industry - Other (220/132 kV)	0.82	0.43	0.00	1.25	1.88	6.64
HT Cat IV - Irrigation & Agriculture (11 kV)	72.19	82.19	0.00	154.38	351.49	4.28
HT Cat IV - Irrigation & Agriculture (33 kV)	2.77	7.14	0.00	9.91	32.15	4.28
HT Cat V - Railway Traction (EHT)	87.50	97.33	0.00	184.83	438.95	4.21
HT Cat VI - Colony Consumption	29.76	30.22	0.00	59.98	130.53	4.59
HT Rural Co-operatives (11 kV)	78.27	154.76	0.00	233.02	686.39	3.39
HT Rural Co-operatives (33 kV)	0.00	0.00	0.00	0.00	0.00	0.00
HT Temporary	0.00	0.00	0.00	0.00	0.00	0.00
Open Access - 33 kV	0.00	0.00	0.00	0.00	0.00	0.00
Open Access - 11 kV	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	**2,328.39**	**2,674.77**	**0.00**	**5,003.15**	**10,614.52**	**4.71**

ANNEXURE - L
SPDCL: COST OF SERVICE

SPDCL	Generation					
	Demand			Energy		
LT	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month	Cost (Rs Crores)	Recovery Basis - Energy Sales (MU)	CoS - Rs/kWh
LT Cat I - Domestic	832.30	1,403.47	494.19	1,304.46	4,914.58	2.65
LT Cat II - Non-domestic	218.29	372.57	488.25	325.83	1,222.15	2.67
LT Cat III (A & B) - Industrial	122.27	227.66	447.56	274.17	1,026.28	2.67
LT Cat IV - Cottage Industries & Dhobighats	3.64	6.72	450.61	8.09	30.27	2.67
LT Cat V - Irrigation and Agriculture	130.41	1,394.50	77.93	1,176.34	4,481.58	2.62
LT Cat VI - Local Bodies, St. Lighting & PWS	84.47	178.64	394.01	114.88	436.99	2.63
LT Cat VII - General Purpose	10.60	22.36	394.97	14.38	55.01	2.61
LT Cat VIII - Temporary	0.34	0.72	395.68	0.46	1.77	2.61
HT						
HT Cat I - Industry - General (11 kV)	109.67	660.59	138.35	257.70	1,094.77	2.35
HT Cat I - Industry - General (33 kV)	253.22	983.14	214.64	606.09	2,686.87	2.26
HT Cat I - Industry - General (220/132 kV)	111.09	336.14	275.41	315.37	1,403.25	2.25
HT Cat II - Industry - Other (11 kV)	45.64	273.72	138.95	103.60	448.77	2.31
HT Cat II - Industry - Other (33 kV)	8.47	19.82	355.85	18.77	83.23	2.26
HT Cat II - Industry - Other (220/132 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Cat IV - Irrigation & Agriculture (11 kV)	3.66	23.80	128.30	11.19	47.99	2.33
HT Cat IV - Irrigation & Agriculture (33 kV)	0.14	5.54	20.84	2.61	11.56	2.26
HT Cat V - Railway Traction (EHT)	87.13	370.90	195.75	144.14	641.37	2.25
HT Cat VI - Colony Consumption	7.20	21.94	273.26	11.31	49.03	2.31
HT Rural Co-operatives (11 kV)	18.96	69.36	227.76	66.37	287.80	2.31
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Temporary	0.00	0.00	NA	0.00	0.00	NA
Open Access - 33 kV						
Open Access - 11 kV						
TOTAL	**2,047.49**	**6,371.62**	**267.79**	**4,755.76**	**18,923.27**	**2.51**

ANNEXURE - L
SPDCL: COST OF SERVICE

SPDCL	Transmission - Inter-State			Transmission - Intra-State		
	Demand			Demand		
LT	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month	Cost (Rs Crores)	Rate Basis - Contracts/NCP G-T interface (MW)	CoS - Rs/kVA/ Month
LT Cat I - Domestic	7.82	1,403.47	4.64	21.77	1,403.47	12.93
LT Cat II - Non-domestic	2.07	372.57	4.64	5.78	372.57	12.93
LT Cat III (A & B) - Industrial	1.27	227.66	4.64	3.53	227.66	12.93
LT Cat IV - Cottage Industries & Dhobighats	0.04	6.72	4.64	0.10	6.72	12.93
LT Cat V - Irrigation and Agriculture	7.77	1,394.50	4.64	21.63	1,394.50	12.93
LT Cat VI - Local Bodies, St. Lighting & PWS	0.99	178.64	4.64	2.77	178.64	12.93
LT Cat VII - General Purpose	0.12	22.36	4.64	0.35	22.36	12.93
LT Cat VIII - Temporary	0.00	0.72	4.64	0.01	0.72	12.93
HT						
HT Cat I - Industry - General (11 kV)	21.68	660.59	27.35	60.39	660.59	76.18
HT Cat I - Industry - General (33 kV)	32.27	983.14	27.35	89.87	983.14	76.18
HT Cat I - Industry - General (220/132 kV)	11.03	336.14	27.35	30.73	336.14	76.18
HT Cat II - Industry - Other (11 kV)	8.98	273.72	27.35	25.02	273.72	76.18
HT Cat II - Industry - Other (33 kV)	0.65	19.82	27.35	1.81	19.82	76.18
HT Cat II - Industry - Other (220/132 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Cat IV - Irrigation & Agriculture (11 kV)	0.13	23.80	4.64	0.37	23.80	12.93
HT Cat IV - Irrigation & Agriculture (33 kV)	0.03	5.54	4.64	0.09	5.54	12.93
HT Cat V - Railway Traction (EHT)	12.17	370.90	27.35	33.90	370.90	76.18
HT Cat VI - Colony Consumption	0.72	21.94	27.35	2.01	21.94	76.18
HT Rural Co-operatives (11 kV)	0.39	69.36	4.64	1.08	69.36	12.93
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0.00	NA
HT Temporary	0.00	0.00	NA	0.00	0.00	NA
Open Access - 33 kV						
Open Access - 11 kV						
TOTAL	**108.14**	**6,371.62**	**14.14**	**301.20**	**6,371.62**	**39.39**

ANNEXURE - L
SPDCL: COST OF SERVICE

SPDCL	Distribution			Retail Supply		
LT	Demand			Energy		
	Cost (Rs Crores)	Rate Basis - Contracts/NCP T-D interface (MW)	CoS - Rs/kVA/ Month	Cost (Rs Crores)	Rate Basis - Energy Sales (MU)	CoS - Rs/kVA/ Month
LT Cat I - Domestic	373.00	1,266.01	245.52	14.51	4,915	0.03
LT Cat II - Non-domestic	98.55	334.51	245.52	3.62	1,222	0.03
LT Cat III (A & B) - Industrial	59.29	201.24	245.52	3.05	1,026	0.03
LT Cat IV - Cottage Industries & Dhobighats	1.75	5.94	245.52	0.09	30	0.03
LT Cat V - Irrigation and Agriculture	377.11	1,279.95	245.52	13.08	4,482	0.03
LT Cat VI - Local Bodies, St. Lighting & PWS	48.33	164.03	245.52	1.28	437	0.03
LT Cat VII - General Purpose	6.08	20.65	245.52	0.16	55	0.03
LT Cat VIII - Temporary	0.20	0.67	245.52	0.01	2	0.03
HT						
HT Cat I - Industry - General (11 kV)	122.49	632.19	161.46	2.87	1,095	0.03
HT Cat I - Industry - General (33 kV)	39.72	940.86	35.18	6.74	2,687	0.03
HT Cat I - Industry - General (220/132 kV)	0.00		NA	3.51	1,403	0.02
HT Cat II - Industry - Other (11 kV)	50.76	261.95	161.46	1.15	449	0.03
HT Cat II - Industry - Other (33 kV)	0.80	18.97	35.18	0.21	83	0.03
HT Cat II - Industry - Other (220/132 kV)	0.00		NA	0.00	0	NA
HT Cat IV - Irrigation & Agriculture (11 kV)	4.34	22.39	161.46	0.12	48	0.03
HT Cat IV - Irrigation & Agriculture (33 kV)	0.22	5.30	35.18	0.03	12	0.03
HT Cat V - Railway Traction (EHT)	0.00		NA	1.60	641	0.02
HT Cat VI - Colony Consumption	4.16	21.46	161.46	0.13	49	0.03
HT Rural Co-operatives (11 kV)	12.75	65.82	161.46	0.74	288	0.03
HT Rural Co-operatives (33 kV)	0.00	0.00	NA	0.00	0	NA
HT Temporary	0.00	0.00	NA	0.00	0	NA
Open Access - 33 kV	0.00	0.00	NA			
Open Access - 11 kV	0.00	0.00	NA			
TOTAL	**1,199.54**	**5,241.91**	**190.70**	**52.89**	**18,923**	**0.03**

ANNEXURE - L
SPDCL: COST OF SERVICE

SPDCL	Cost Allocation (Rs Crores)			
LT	**Demand - G**	**Demand - T**	**Demand - D**	**Energy**
	Rs Crores			
LT Cat I - Domestic	832.30	29.59	373.00	1,318.97
LT Cat II - Non-domestic	218.29	7.85	98.55	329.46
LT Cat III (A & B) - Industrial	122.27	4.80	59.29	277.22
LT Cat IV - Cottage Industries & Dhobighats	3.64	0.14	1.75	8.18
LT Cat V - Irrigation and Agriculture	130.41	29.40	377.11	1,189.42
LT Cat VI - Local Bodies, St. Lighting & PWS	84.47	3.77	48.33	116.15
LT Cat VII - General Purpose	10.60	0.47	6.08	14.54
LT Cat VIII - Temporary	0.34	0.02	0.20	0.47
HT	**0.00**			
HT Cat I - Industry - General (11 kV)	109.67	82.07	122.49	260.56
HT Cat I - Industry - General (33 kV)	253.22	122.14	39.72	612.83
HT Cat I - Industry - General (220/132 kV)	111.09	41.76	0.00	318.87
HT Cat II - Industry - Other (11 kV)	45.64	34.01	50.76	104.75
HT Cat II - Industry - Other (33 kV)	8.47	2.46	0.80	18.98
HT Cat II - Industry - Other (220/132 kV)	0.00	0.00	0.00	0.00
HT Cat IV - Irrigation & Agriculture (11 kV)	3.66	0.50	4.34	11.32
HT Cat IV - Irrigation & Agriculture (33 kV)	0.14	0.12	0.22	2.64
HT Cat V - Railway Traction (EHT)	87.13	46.08	0.00	145.75
HT Cat VI - Colony Consumption	7.20	2.73	4.16	11.43
HT Rural Co-operatives (11 kV)	18.96	1.46	12.75	67.11
HT Rural Co-operatives (33 kV)	0.00	0.00	0.00	0.00
HT Temporary	0.00	0.00	0.00	0.00
Open Access - 33 kV	0.00	0.00	0.00	0.00
Open Access - 11 kV	0.00	0.00	0.00	0.00
TOTAL	**2,047.49**	**409.35**	**1,199.54**	**4,808.65**

ANNEXURE - L
SPDCL: COST OF SERVICE

SPDCL	Cost Allocation(Rs Cr.)		Total Cost	Sales	CoS
LT	Demand	Energy			
	Rs Crores		Rs Crores	MUs	Rs/Unit
LT Cat I - Domestic	1,234.89	1,318.97	2,553.86	4,914.58	5.20
LT Cat II - Non-domestic	324.69	329.46	654.15	1,222.15	5.35
LT Cat III (A & B) - Industrial	186.36	277.22	463.58	1,026.28	4.52
LT Cat IV - Cottage Industries & Dhobighats	5.53	8.18	13.71	30.27	4.53
LT Cat V - Irrigation and Agriculture	536.91	1,189.42	1,726.33	4,481.58	3.85
LT Cat VI - Local Bodies, St. Lighting & PWS	136.56	116.15	252.71	436.99	5.78
LT Cat VII - General Purpose	17.15	14.54	31.69	55.01	5.76
LT Cat VIII - Temporary	0.55	0.47	1.02	1.77	5.76
HT					
HT Cat I - Industry - General (11 kV)	314.23	260.56	574.79	1,094.77	5.25
HT Cat I - Industry - General (33 kV)	415.08	612.83	1,027.91	2,686.87	3.83
HT Cat I - Industry - General (220/132 kV)	152.85	318.87	471.73	1,403.25	3.36
HT Cat II - Industry - Other (11 kV)	130.40	104.75	235.15	448.77	5.24
HT Cat II - Industry - Other (33 kV)	11.73	18.98	30.71	83.23	3.69
HT Cat II - Industry - Other (220/132 kV)	0.00	0.00	0.00	0.00	0.00
HT Cat IV - Irrigation & Agriculture (11 kV)	8.50	11.32	19.82	47.99	3.85
HT Cat IV - Irrigation & Agriculture (33 kV)	0.48	2.64	3.12	11.56	3.85
HT Cat V - Railway Traction (EHT)	133.21	145.75	278.95	641.37	4.35
HT Cat VI - Colony Consumption	14.08	11.43	25.51	49.03	5.20
HT Rural Co-operatives (11 kV)	33.17	67.11	100.28	287.80	3.48
HT Rural Co-operatives (33 kV)	0.00	0.00	0.00	0.00	0.00
HT Temporary	0.00	0.00	0.00	0.00	0.00
Open Access - 33 kV	0.00	0.00	0.00	0.00	0.00
Open Access - 11 kV	0.00	0.00	0.00	0.00	0.00
TOTAL	**3,656.37**	**4,808.65**	**8,465.03**	**18,923.27**	**4.47**