



**TELANGANA ELECTRICITY REGULATORY COMMISSION**  
5<sup>th</sup> Floor, Singareni Bhavan, Red Hills, Lakdi-ka-pul, Hyderabad 500 004

**Dated 30.08.2024**

**Present**

Sri. T. Sriranga Rao, Chairman  
Sri. M. D. Manohar Raju, Member (Technical)  
Sri. Bandaru Krishnaiah, Member (Finance)

**I. A. No. 9 of 2017 in O. P. No. 16 of 2005,  
I. A. No. 10 of 2017 in O. P. No. 13 of 2006,  
I. A. No. 11 of 2017 in O. P. No. 5 of 2007,  
I. A. No. 12 of 2017 in O. P. No. 73 of 2012,  
I. A. No. 13 of 2017 in O. P. No. 74 of 2012,  
I. A. No. 14 of 2017 in O. P. No. 75 of 2012,  
I. A. No. 15 of 2017 in O. P. No. 76 of 2012,  
I. A. No. 16 of 2017 in O. P. No. 77 of 2012,  
O. P. No. 13 of 2017  
&  
O. P. No. 14 of 2017**

In the matter of fresh determination of Cross Subsidy Surcharge to be levied for the FYs 2005-06 to 2014-15 in respect of the open access consumers by TGDISCOMs under Section 42 of the Electricity Act, 2003 in pursuant to directions given by the Hon'ble High Court in its common Order dated 12.02.2020 in W.P.No.21936 of 2018 & Others.

**COMMON ORDER**

**Chapter-1  
Introduction**

**1.1 BACKGROUND**

1.1.1 The erstwhile Andhra Pradesh Electricity Regulatory Commission (APERC) had initiated *Suo Moto* proceedings for determination of cross subsidy surcharge for FY 2005-06 in O.P.No.16 of 2005, for FY 2006-07 in O.P.No.13 of 2006 and for FY 2007-08 in O.P.No.5 of 2007, on its file and decided the same by the order dated 21.09.2005, 29.08.2006 and 31.03.2007 (interim order) respectively holding that embedded cost methodology would be the

basis for determination of CSS and determined individual figures for category-wise consumption for each DISCOM.

- 1.1.2 The applicants/petitioners stated that the appeals filed before the Hon'ble APTEL vide Nos.169, 170, 171, 172 of 2005, 248 and 249 of 2006 by M/s RVK Energy and others against the orders of the then APERC in regard to determination of cross subsidy surcharge as per embedded cost methodology were allowed by order dated 05.07.2007 directing the APERC to compute the cross subsidy surcharge, which consumers are required to pay for the use of open access in accordance with the surcharge formula specified in para 8.5 of the National Tariff Policy, 2006 for FY 2005-06 and onwards. The erstwhile APERC had filed Civil Appeal before the Hon'ble Supreme Court challenging the order of the Hon'ble APTEL and the same were dismissed vide judgment dated 31.03.2016.
- 1.1.3 The erstwhile APERC had, during the pendency of the appeals before the Hon'ble Supreme Court, initiated proceedings in respect of FY 2007-08, 2008-09, 2009-10, 2010-11, 2011-12 and 2012-13 in O.P.Nos.5 of 2007, 73 of 2012, 74 of 2012, 75 of 2012, 76 of 2012 and 77 of 2012. The then APERC had passed orders individually in the above said matters on 26.10.2012.
- 1.1.4 The applicants/petitioners TGDISCOMs sought fresh determination of CSS for the FY 2005-06 to FY 2012-13 by filing interlocutory applications in the proceedings referred to above in the light of the order of the Hon'ble Supreme Court which confirmed the orders of the Hon'ble APTEL. The petitioners had also sought determination of CSS for the years 2013-14 and 2014-15, which were not decided by the erstwhile APERC in the respective years for the reasons that the year 2013-14 resulted in Restriction & Control (R&C) measure, accordingly the same was refused, as also FY 2014-15 was a transition period due to formation of the State of Telangana.
- 1.1.5 The Commission initiated proceedings pursuant to the disposal of the Civil Appeals in the applications/petitions filed by the licensees on 08.08.2017. The Commission, after calling for the objections and suggestions by public notice dated 08.08.2017 decided the matter on 06.04.2018 by passing common order. The said order came to be questioned before the Hon'ble High Court in

W.P.No.21936 of 2018 and batch. A few cases in the said batch of writ petitions were disposed of by order dated 12.02.2020, duly remanding the matter back to the Commission for a fresh disposal by giving notice to the affected parties.

## **1.2 STATUTORY/REGULATORY PROVISIONS**

1.2.1 Sections 39(2)(d)(ii), 40(c)(ii) and 42(2) of the Electricity Act, 2003 provide for payment of a surcharge by the consumer when a consumer avails of power under open access. Further, Section 42(2) of the Electricity Act, 2003 provides that the surcharge shall be determined by the State Commission and such surcharge shall be utilized to meet the requirements of current level of cross subsidy within the area of supply of the distribution licensee.

1.2.2 The clause 17.1(iii) of the Regulation No.2 of 2005, specifies that the open access consumers shall pay CSS as determined by the Commission, to the distribution licensee. The clause is reproduced below for ready reference:

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

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

### Tariff Policy - Methodology

1.2.3 The methodology, for determining the CSS, prescribed by the Tariff Policy, 2006 is as indicated below:

1.2.4 As per the Tariff Policy notified by MoP on 6<sup>th</sup> January 2006, SERCs may compute the cost of supply to the consumers of the applicable class as aggregate of (a) the weighted average of power purchase costs (inclusive of fixed and variable charges) of top 5% power sources at the margin, excluding liquid fuel based generation, in the merit order approved by the SERC adjusted for average loss compensation of the relevant voltage level and; (b) the distribution charges determined on the principles as laid down for intra-state transmission charges.

Cross Subsidy Surcharge (CSS) formula:

- 1.2.5 For computation of CSS for FYs 2005-15 the Commission has used the following formula for computation of CSS:

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

Where,

S is the surcharge;

T is the Tariff payable by the relevant category of consumers;

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

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

D is the wheeling charge;

- 1.2.6 Further, the same formula has been prescribed in the Tariff Policy dated 6<sup>th</sup> January 2006 for computation of CSS. The same has been upheld by Hon'ble APTEL in order dated 05.07.2007 in Appeal Nos.169 to 172 of 2005 and 248 & 249 of 2006.

### **1.3 THE PROPOSALS OF THE COMMISSION**

- 1.3.1 It is placed on record that the Commission in order to initiate the proceedings as directed by the Hon'ble High Court awaited the disposal of the writ petitions that were still pending. Considering the view the exercise cannot be undertaken in a piecemeal as and when a writ petition is disposed of, had to keep the proceeding pending till disposal of all the writ petitions. Meanwhile, in view of TGDIscoms' request to redetermine the CSS in pursuant to the Hon'ble High Court Order for FY 2005-06 to FY 2014-15 in WP.Nos. 22191 of 2018 and batch vide letter dated 01.04.2024, the Commission took a conscious decision to proceed with the matter.
- 1.3.2 The Commission has considered the same I.A.Nos. in O.P.Nos. which were considered in its Common Order dated 06.04.2018 for determination of CSS for FYs.2005-15 and which was questioned before the Hon'ble High Court in W.P.No.21936 of 2018 & batch.
- 1.3.3 The present proposals of the Commission as per the directions given by the Hon'ble High Court in its Common Order dated 12.02.2020 in W.P.No.21936 of 2018 & batch for fresh determination of CSS to be levied for the FYs 2005-06 to 2014-15 in respect of the open access consumers by TGDISCOMs under Section 42 of the Electricity Act, 2003 to different categories of consumers availing open access in Transmission and Distribution systems at different voltages during FYs 2005-06 to 2014-15, which are detailed in Chapter-2.

#### **1.4 PUBLIC NOTICE**

1.4.1 The Commission, published a Public Notice duly indicating a Schedule showing the Commission's proposal of fresh determination of Cross Subsidy Surcharge to be levied for the FYs 2005-06 to 2014-15 on 09.05.2024 in two (2) English, two (2) Telugu and One (1) Urdu daily newspapers inviting from all the stakeholders the objections/suggestions, if any, on the above proposals together with supporting material to be sent to the Commission Secretary/ TGERC in person or through Registered Post so as to reach on or before 30.05.2024 by 5 pm and also informing that in this regard the Commission shall conduct Public Hearing on 10.06.2024 from 11:00 hours onwards at TGERC Court Hall, Hyderabad. The copies of the daily newspaper clippings of the Public Notice are placed in Annexure-IA.

1.4.2 The Public Notice as well as all the relevant documents and calculations sheets were uploaded on the website of TGERC.

#### **1.5 INDIVIDUAL NOTICES TO ALL THE PARTIES COVERED BY THIS ORDER (WHO FILED WRIT PETITIONS BEFORE THE HON'BLE HIGH COURT)**

1.5.1 Further, individual notices have been issued to respective writ petitioners who are covered by the respective writ petitions duly providing the required information as has been put on public notice. In doing so the Commission was conscious of the pendency of the writ petitions whose details are shown elsewhere in this order, that there are still about 17 writ petitions pending. So, the Commission in its wisdom thought it fit to issue notice to such of the writ petitioners also whose cases are still pending. Thereby the Commission has made all out efforts to comply with its conduct of business Regulation. As such the Commission made all out efforts to put on notice to all the stakeholders who are all likely to be affected by the order to be passed in the instant proceeding which is pursuant to the directions of the Hon'ble High Court order dated 12.02.2020.

#### **1.6 POSTPONEMENT OF PUBLIC HEARING**

1.6.1 As per request of the stakeholders the last date for receiving objections/ suggestions was extended upto 15.06.2024 and public hearing rescheduled to 26.06.2024. The copies of the daily newspaper clippings of the Public Notice with regard to postponement of public hearing are placed in Annexure-IB.

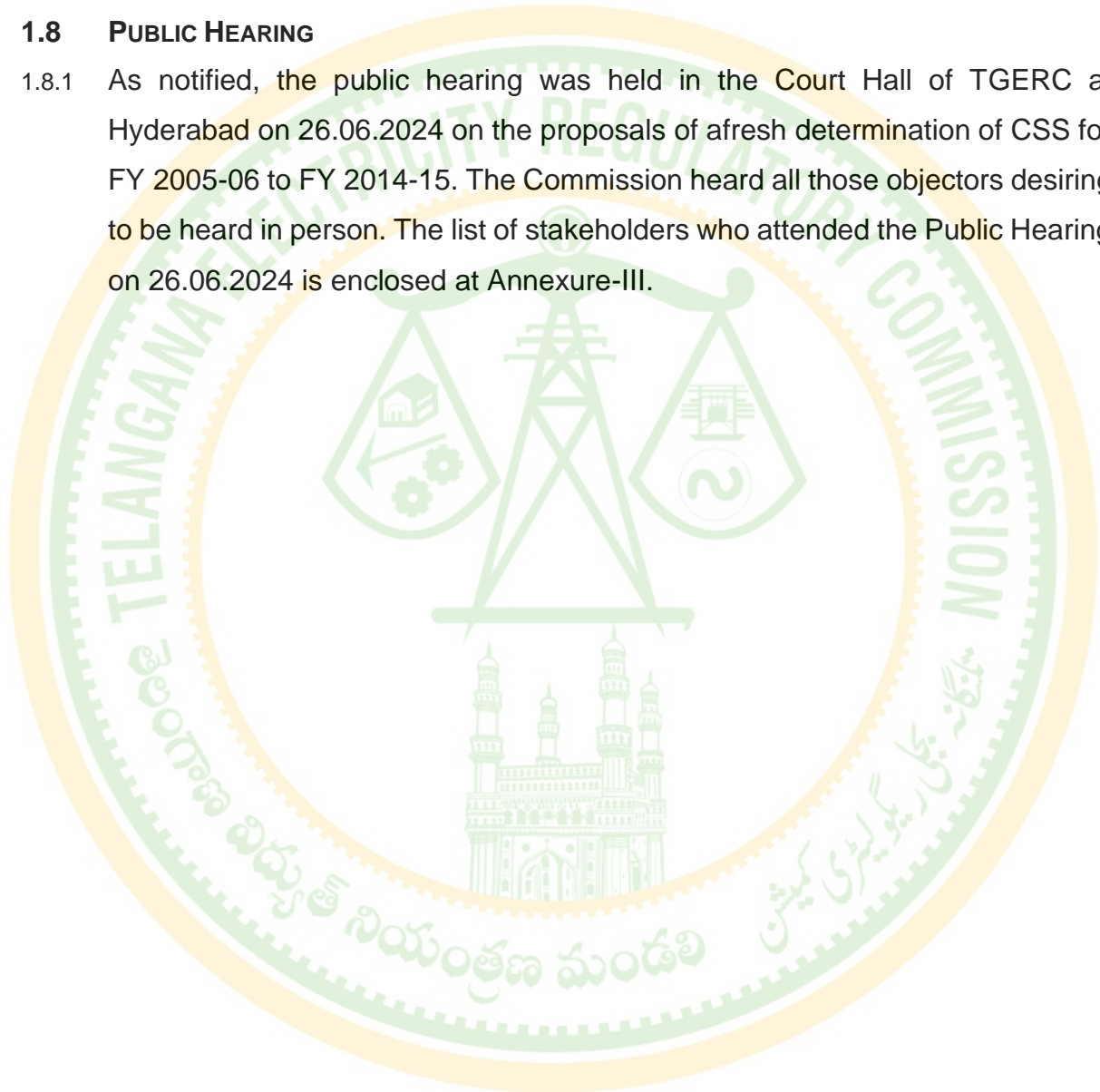
## 1.7 RESPONSE TO PUBLIC NOTICE

1.7.1 In response to the public notice, objections/suggestions were received from twenty-three (23) stakeholders. The list of stakeholders who submitted objections/suggestions is enclosed at Annexure-II.

1.7.2 The written objections/suggestions received were also posted in the website.

## 1.8 PUBLIC HEARING

1.8.1 As notified, the public hearing was held in the Court Hall of TGERC at Hyderabad on 26.06.2024 on the proposals of afresh determination of CSS for FY 2005-06 to FY 2014-15. The Commission heard all those objectors desiring to be heard in person. The list of stakeholders who attended the Public Hearing on 26.06.2024 is enclosed at Annexure-III.



## Chapter-2 Present Proposal of the Commission

### 2.1 PRESENT PROPOSALS OF THE COMMISSION ON DETERMINATION OF CSS FOR FYs 2005-06 TO 2014-15

2.1.1 As per the directions of the Hon'ble High Court in its common Order dated 12.02.2020 in W.P.No.21936 of 2018 & Others, the Commission has taken up the matter for fresh determination of CSS for FYs 2005-06 to 2014-15 by affording due opportunities to the parties concerned and duly following the procedure prescribed under law i.e., as per the provisions of the Electricity Act 2003 and Tariff Policy 2006. The Commission has now proposed fresh determination of CSS for FYs 2005-06 to 2014-15 considering the formula as specified in Tariff Policy, 2006 to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FYs 2005-06 to 2014-15 as detailed below:

**Table 2.2: The Commission's proposal for fresh determination of CSS for FY 2005-06**

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$T - \frac{T}{(Cx(1+L/100)+D)}$
<b>TGSPDCL</b>					
LT-I (A&B) Domestic	2.57	3.27	24.48	0.46	0.00
LT-II (A,B&C) Non-Domestic/Commercial	5.74	3.27	24.48	0.46	1.21
LT-III (A&B) Industrial	4.39	3.27	24.48	0.46	0.00
LT-IV (A&B) Cottage Industries & Dhobighats	2.06	3.27	24.48	0.46	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.07	3.27	24.48	0.46	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	1.92	3.27	24.48	0.46	0.00
LT-VII (A&B) General Purpose	4.00	3.27	24.48	0.46	0.00
LT-VIII (A&B) Temporary Supply	6.20	3.27	24.48	0.46	1.67
HT-I Industry Segregated					
11 kV	3.83	3.27	16.67	0.46	0.00
33 kV	3.84	3.27	10.49	0.46	0.00
132 kV	3.78	3.27	5.00	0.11	0.24
HT- II Industry Others					
11 kV	5.23	3.27	16.67	0.46	0.96
33 kV	5.25	3.27	10.49	0.46	1.18
132 kV	5.50	3.27	5.00	0.11	1.96
HT-IV(A&B) Lift Irrigation & Agriculture (132 kV)	1.70	3.27	5.00	0.11	0.00
HT-V(A) Railway Traction	4.40	3.27	5.00	0.11	0.86
HT-VI Townships & Residential Colonies (11 kV)	3.50	3.27	16.67	0.46	0.00
HT-Temporary Supply (11 kV)	5.25	3.27	16.67	0.46	0.98
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	2.07	3.27	26.90	0.60	0.00

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$T - (Cx(1+L/100)+D)$
LT-II (A,B&C) Non-Domestic/Commercial	5.51	3.27	26.90	0.60	0.77
LT-III (A&B) Industrial	4.47	3.27	26.90	0.60	0.00
LT-IV (A&B) Cottage Industries & Dhobighats	1.96	3.27	26.90	0.60	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.05	3.27	26.90	0.60	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	1.29	3.27	26.90	0.60	0.00
LT-VII (A&B) General Purpose	4.00	3.27	26.90	0.60	0.00
LT-VIII (A&B) Temporary Supply	6.20	3.27	26.90	0.60	1.45
HTI Industry Segregated					
11 kV	4.31	3.27	17.26	0.60	0.00
33 kV	4.12	3.27	10.77	0.60	0.00
132 kV	3.82	3.27	5.00	0.11	0.28
HT- II Industry Others					
11 kV	5.16	3.27	17.26	0.60	0.73
33 kV	4.91	3.27	10.77	0.60	0.69
132 kV	11.70	3.27	5.00	0.11	8.16
HT-IV(A&B) Lift Irrigation & Agriculture (132 kV and above)	1.78	3.27	5.00	0.11	0.00
HT-V(A) Railway Traction	4.40	3.27	5.00	0.11	0.86
HT-VI Townships& Residential Colonies (11 kV)	3.50	3.27	17.26	0.60	0.00
HT-Temporary Supply (11 kV)	0.00	3.27	17.26	0.60	0.00

**Table 2.3: The Commission's proposal for fresh determination of CSS for FY 2006-07**

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$[S=(T - (Cx(1+L/100)+D))]$
<b>TGSPDCL</b>					
LT-I (A&B) Domestic	2.57	2.57	25.82	0.23	0.00
LT-II (A,B&C) Non-Domestic/Commercial	5.76	2.57	25.82	0.23	2.29
LT-III (A&B) Industrial	4.22	2.57	25.82	0.23	0.75
LT-IV (A&B) Cottage Industries & Dhobighats	1.98	2.57	25.82	0.23	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.02	2.57	25.82	0.23	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	1.83	2.57	25.82	0.23	0.00
LT-VII (A&B) General Purpose	4.00	2.57	25.82	0.23	0.53
LT-VIII (A&B) Temporary Supply	6.20	2.57	25.82	0.23	2.73
HT-I Industry Segregated					
11 kV	3.98	2.57	15.28	0.17	0.85
33 kV	3.74	2.57	8.47	0.06	0.89
132 kV	3.27	2.57	4.45	0.07	0.52
HT-I(B) Ferro Alloys (11 kV)	2.55	2.57	15.28	0.17	0.00
HT-II Industry Others					
11 kV	5.29	2.57	15.28	0.17	2.16
33 kV	4.79	2.57	8.47	0.06	1.95
132 kV	4.26	2.57	4.45	0.07	1.51
HT-IV(A&B) Lift Irrigation & Agriculture (132 kV)	2.06	2.57	4.45	0.07	0.00



Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S=(T-(Cx(1+L/100)+D))]}{J}$
HT-V(A) Railway Traction	4.28	2.57	4.45	0.07	1.52
HT-VI Townships & Residential Colonies (11 kV)	3.50	2.57	15.28	0.17	0.37
HT-Temporary Supply (11 kV)	0.0	2.57	15.28	0.17	0.00
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	2.07	2.57	25.82	0.34	0.00
LT-II (A,B&C) Non-Domestic/Commercial	5.50	2.57	25.82	0.34	1.93
LT-III (A&B) Industrial	4.67	2.57	25.82	0.34	1.10
LT-IV (A&B) Cottage Industries & Dhobighats	2.08	2.57	25.82	0.34	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.05	2.57	25.82	0.34	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	1.28	2.57	25.82	0.34	0.00
LT-VII (A&B) General Purpose	4.00	2.57	25.82	0.34	0.43
LT-VIII (A&B) Temporary Supply	6.20	2.57	25.82	0.34	2.63
HT-I Industry Segregated					
11 kV	4.44	2.57	15.28	0.16	1.32
33 kV	3.73	2.57	8.47	0.04	0.90
132 kV	3.49	2.57	4.45	0.07	0.74
HT-I(B) Ferro Alloys (11 kV)	0.00	2.57	15.28	0.16	0.00
HT-II Industry Others					
11 kV	5.31	2.57	15.28	0.16	2.19
33 kV	4.54	2.57	8.47	0.04	1.71
132 kV	12.08	2.57	4.45	0.07	9.33
HT-IV(A&B) Lift Irrigation & Agriculture (132 kV)	1.53	2.57	4.45	0.07	0.00
HT-V(A) Railway Traction	4.16	2.57	4.45	0.07	1.41
HT-VI Townships & Residential Colonies (11 kV)	3.50	2.57	15.28	0.16	0.38
HT-Temporary Supply (11 kV)	0.00	2.57	15.28	0.16	0.00

**Table 2.4: The Commission's proposal for fresh determination of CSS for FY 2007-08**

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S=(T-(Cx(1+L/100)+D))]}{J}$
<b>TGSPDCL</b>					
LT-I (A&B) Domestic	2.53	2.81	23.99	0.24	0.00
LT-II (A,B&C) Non-Domestic/Commercial	5.75	2.81	23.99	0.24	2.04
LT-III (A&B) Industrial	4.29	2.81	23.99	0.24	0.58
LT-IV (A&B) Cottage Industries & Dhobighats	1.98	2.81	23.99	0.24	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.02	2.81	23.99	0.24	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	1.89	2.81	23.99	0.24	0.00
LT-VII (A&B) General Purpose	4.00	2.81	23.99	0.24	0.28
LT-VIII (A&B) Temporary Supply	6.20	2.81	23.99	0.24	2.48
HT-I Industry Segregated					
11 kV	3.75	2.81	14.60	0.17	0.37
33 kV	3.53	2.81	8.13	0.06	0.44

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S-(T-(Cx(1+L/100)+D))]}{S}$
132 kV	3.12	2.81	4.30	0.07	0.12
HT-I(B) Ferro Alloys (132 kV & above)	2.55	2.81	4.30	0.07	0.00
HT-II Industry Others					
11 kV	5.24	2.81	14.60	0.17	1.85
33 kV	5.12	2.81	8.13	0.06	2.03
132 kV	4.47	2.81	4.30	0.07	1.47
HT-IV(A&B) Lift Irrigation & Agriculture (132 kV)	2.36	2.81	4.30	0.07	0.00
HT-V(A) Railway Traction	4.10	2.81	4.30	0.07	1.10
HT-VI Townships & Residential Colonies (11 kV)	3.50	2.81	14.60	0.17	0.11
HT-Temporary Supply (11 kV)	0.00	2.81	14.60	0.17	0.00
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	2.06	2.81	22.67	0.34	0.00
LT-II (A,B&C)Non-Domestic/Commercial	5.40	2.81	22.67	0.34	1.61
LT-III (A&B) Industrial	4.57	2.81	22.67	0.34	0.78
LT-IV (A&B) Cottage Industries & Dhobighats	1.91	2.81	22.67	0.34	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.02	2.81	22.67	0.34	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	1.48	2.81	22.67	0.34	0.00
LT-VII (A&B) General Purpose	4.00	2.81	22.67	0.34	0.21
LT-VIII (A&B) Temporary Supply	6.20	2.81	22.67	0.34	2.41
HT-I Industry Segregated					
11 kV	3.90	2.81	13.98	0.16	0.54
33 kV	3.58	2.81	9.26	0.04	0.47
132 kV	3.34	2.81	4.30	0.07	0.34
HT-I(B) Ferro Alloys (132 kV and above)	0.00	2.81	4.30	0.07	0.00
HT-II Industry Others					
11 kV	5.16	2.81	13.98	0.16	1.80
33 kV	3.90	2.81	9.26	0.04	0.79
132 kV	13.65	2.81	4.30	0.07	10.65
HT-IV(A&B) Lift Irrigation & Agriculture (132 kV)	2.36	2.81	4.30	0.07	0.00
HT-V(A) Railway Traction	4.10	2.81	4.30	0.07	1.10
HT-VI Townships & Residential Colonies (11 kV)	3.50	2.81	13.98	0.16	0.14
HT-Temporary Supply (11 kV)	0.00	2.81	13.98	0.16	0.00

**Table 2.5: The Commission's proposal for fresh determination of CSS for FY 2008-09**

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S-(T-(Cx(1+L/100)+D))]}{S}$
<b>TGSPDCL</b>					
LT-I (A&B) Domestic	2.51	2.59	22.97	0.24	0.00
LT-II (A,B&C)Non-Domestic/Commercial	5.81	2.59	22.97	0.24	2.39
LT-III (A&B) Industrial	3.84	2.59	22.97	0.24	0.42

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$[S=(T-(C \times (1+L/100))+D)]$
LT-IV (A&B) Cottage Industries & Dhobighats	1.80	2.59	22.97	0.24	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.02	2.59	22.97	0.24	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	2.37	2.59	22.97	0.24	0.00
LT-VII (A&B) General Purpose	4.00	2.59	22.97	0.24	0.58
LT-VIII (A&B) Temporary Supply	6.20	2.59	22.97	0.24	2.78
<b>HT-I Industry Segregated</b>					
11 kV	3.99	2.59	14.02	0.17	0.87
33 kV	3.64	2.59	7.85	0.06	0.79
132 kV	3.32	2.59	4.20	0.06	0.56
HT-I(B) Ferro Alloys (132 kV & above)	2.55	2.59	4.20	0.06	0.00
<b>HT-II Industry Others</b>					
11 kV	5.22	2.59	14.02	0.17	2.10
33 kV	4.81	2.59	7.85	0.06	1.96
132 kV	4.89	2.59	4.20	0.06	2.13
HT-IV(A&B) Lift Irrigation & Agriculture (132 kV)	2.24	2.59	4.20	0.06	0.00
HT-V(A) Railway Traction	4.10	2.59	4.20	0.06	1.34
HT-VI Townships& Residential Colonies (11 kV)	3.50	2.59	14.02	0.17	0.38
HT-Temporary Supply (11 kV)	5.25	2.59	14.02	0.17	2.13
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	2.03	2.59	21.73	0.36	0.00
LT-II (A,B&C)Non-Domestic/Commercial	5.63	2.59	21.73	0.36	2.13
LT-III (A&B) Industrial	3.81	2.59	21.73	0.36	0.30
LT-IV (A&B) Cottage Industries & Dhobighats	1.80	2.59	21.73	0.36	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.04	2.59	21.73	0.36	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	1.32	2.59	21.73	0.36	0.00
LT-VII (A&B) General Purpose	4.00	2.59	21.73	0.36	0.49
LT-VIII (A&B) Temporary Supply	0.00	2.59	21.73	0.36	0.00
<b>HT-I Industry Segregated</b>					
11 kV	4.03	2.59	14.06	0.16	0.91
33 kV	3.64	2.59	8.91	0.05	0.78
132 kV	3.33	2.59	4.20	0.06	0.57
HT-I(B) Ferro Alloys (132 kV and above)	0.00	2.59	4.20	0.06	
<b>HT-II Industry Others</b>					
11 kV	5.04	2.59	14.06	0.16	1.92
33 kV	4.66	2.59	8.91	0.05	1.80
132 kV	11.65	2.59	4.20	0.06	8.89
HT-IV(A&B)Lift Irrigation & Agriculture (132 kV)	2.27	2.59	4.20	0.16	0.00
HT-V(A) Railway Traction	4.10	2.59	4.20	0.06	1.34
HT-VI Townships& Residential Colonies (11 kV)	3.50	2.59	14.06	0.16	0.38
HT-Temporary Supply (11 kV)	0.00	2.59	14.06	0.16	0.00

**Table 2.6: The Commission's proposal for fresh determination of CSS for FY 2009-10**

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S-(T-(Cx(1+L/100)+D))]}{J}$
<b>TGSPDCL</b>					
LT-I (A&B) Domestic	2.56	4.65	19.65	1.23	0.00
LT-II (A,B&C)Non-Domestic/Commercial	5.82	4.65	19.65	1.23	0.00
LT-III (A&B) Industrial	4.30	4.65	19.65	1.23	0.00
LT-IV (A&B) Cottage Industries & Dhobighats	4.20	4.65	19.65	1.23	0.00
LT-V (A,B&C) Irrigation & Agriculture	1.92	4.65	19.65	1.23	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	0.01	4.65	19.65	1.23	0.00
LT-VII (A&B) General Purpose	2.19	4.65	19.65	1.23	0.00
LT-VIII (A&B) Temporary Supply	4.00	4.65	19.65	1.23	0.00
HT-I Industry Segregated					
11 kV	3.90	4.65	12.66	0.34	0.00
33 kV	3.53	4.65	8.06	0.05	0.00
132 kV	3.34	4.65	4.16	0.07	0.00
HT-I(B) Ferro Alloys (132 kV and above)	2.40	4.65	4.16	0.07	0.00
HT-II Industry Others					
11 kV	5.22	4.65	12.66	0.34	0.00
33 kV	4.70	4.65	8.06	0.05	0.00
132 kV	4.55	4.65	4.16	0.07	0.00
HT-IV(A&B) Lift Irrigation & Agriculture (132 kV)	2.36	4.65	4.16	0.07	0.00
HT-V(A) Railway Traction	3.95	4.65	4.16	0.07	0.00
HT-VI Townships& Residential Colonies (11 kV)	4.00	4.65	12.66	0.34	0.00
HT-Temporary Supply (11 kV)	8.48	4.65	12.66	0.34	2.90
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	1.99	4.65	19.14	0.59	0.00
LT-II (A,B&C)Non-Domestic/Commercial	5.52	4.65	19.14	0.59	0.00
LT-III (A&B) Industrial	4.55	4.65	19.14	0.59	0.00
LT-IV (A&B) Cottage Industries & Dhobighats	4.55	4.65	19.14	0.59	0.00
LT-V (A,B&C) Irrigation & Agriculture	2.09	4.65	19.14	0.59	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	0.01	4.65	19.14	0.59	0.00
LT-VII (A&B) General Purpose	1.38	4.65	19.14	0.59	0.00
LT-VIII (A&B) Temporary Supply	4.00	4.65	19.14	0.59	0.00
HT-I Industry Segregated					
11 kV	4.12	4.65	13.05	0.23	0.00
33 kV	3.67	4.65	8.47	0.02	0.00
132 kV	3.18	4.65	4.16	0.07	0.00
HT-I(B) Ferro Alloys (132 kV and above)	0.00	4.65	4.16	0.07	0.00
HT-II Industry Others					
11 kV	5.01	4.65	13.05	0.23	0.00
33 kV	4.41	4.65	8.47	0.02	0.00
132 kV	30.11	4.65	4.16	0.07	25.19
HT-IV(A&B) Lift Irrigation & Agriculture (132 kV)	2.36	4.65	4.16	0.07	0.00
HT-V(A) Railway Traction	3.95	4.65	4.16	0.07	0.00
HT-VI Townships& Residential Colonies (11 kV)	4.00	4.65	13.05	0.23	0.00
HT-Temporary Supply (11 kV)	0.00	4.65	13.05	0.23	0.00

**Table 2.7: The Commission's proposal for fresh determination of CSS for FY 2010-11**

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S-(T-(Cx(1+L/100)+D))]}{J}$
<b>TGSPDCL</b>					
LT-I (A&B) Domestic	2.76	3.57	21.74	1.16	0.00
LT-II (A,B&C)Non-Domestic/Commercial	6.02	3.57	21.74	1.16	0.52
LT-III (A&B) Industrial	4.59	3.57	21.74	1.16	0.00
LT-IV (A&B) Cottage Industries & Dhobighats	1.92	3.57	21.74	1.16	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.02	3.57	21.74	1.16	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	2.13	3.57	21.74	1.16	0.00
LT-VII (A&B) General Purpose	4.00	3.57	21.74	1.16	0.00
LT-VIII (A&B) Temporary Supply	6.64	3.57	21.74	1.16	1.14
HT-I Industry Segregated					
11 kV	4.28	3.57	13.52	0.35	0.00
33 kV	3.64	3.57	8.00	0.06	0.00
132 kV	3.39	3.57	4.13	0.08	0.00
HT-I(B) Ferro Alloys	2.57	3.57	13.52	0.35	0.00
HT-II Industry Others					
11 kV	5.82	3.57	13.52	0.35	1.42
33 kV	5.22	3.57	8.00	0.06	1.30
132 kV	4.30	3.57	4.13	0.08	0.51
HT-IV(A&B) Lift Irrigation & Agriculture	2.58	3.57	4.13	0.08	0.00
HT-V(A) Railway Traction	4.28	3.57	4.13	0.08	0.48
HT-VI Townships& Residential Colonies					
11 kV	4.00	3.57	13.52	0.35	0.00
33 kV	4.00	3.57	8.00	0.06	0.09
132 kV	0.00	3.57	4.13	0.08	0.00
HT-Temporary Supply (11 kV)	8.55	3.57	13.52	0.35	4.15
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	2.00	3.57	19.60	0.96	0.00
LT-II (A,B&C)Non-Domestic/Commercial	5.68	3.57	19.60	0.96	0.45
LT-III (A&B) Industrial	4.78	3.57	19.60	0.96	0.00
LT-IV (A&B) Cottage Industries & Dhobighats	2.17	3.57	19.60	0.96	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.00	3.57	19.60	0.96	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	1.34	3.57	19.60	0.96	0.00
LT-VII (A&B) General Purpose	3.84	3.57	19.60	0.96	0.00
LT-VIII (A&B) Temporary Supply	6.81	3.57	19.60	0.96	1.58
HT-I Industry Segregated					
11 kV	4.46	3.57	12.61	0.24	0.20
33 kV	3.83	3.57	8.20	0.02	0.00
132 kV	3.39	3.57	4.13	0.08	0.00
HT-I(B) Ferro Alloys	0.00	3.57	12.61	0.24	0.00
HT-II Industry Others					
11 kV	5.45	3.57	12.61	0.24	1.19
33 kV	4.80	3.57	8.20	0.02	0.92
132 kV	14.79	3.57	4.13	0.08	10.99

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S=(T-(Cx(1+L/100)+D))]}{J}$
HT-IV(A&B) Lift Irrigation & Agriculture	2.53	3.57	4.13	0.08	0.00
HT-V(A) Railway Traction	4.28	3.57	4.13	0.08	0.49
HT-VI Townships& Residential Colonies					
11 kV	4.00	3.57	12.61	0.24	0.00
33 kV	4.00	3.57	8.20	0.02	0.11
132 kV	4.00	3.57	4.13	0.08	0.20
HT-Temporary Supply (11 kV)	0.00	3.57	12.61	0.24	0.00

**Table 2.8: The Commission's proposal for fresh determination of CSS for FY 2011-12**

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S=(T-(Cx(1+L/100)+D))]}{J}$
<b>TGSPDCL</b>					
LT-I (A&B) Domestic	2.97	3.54	20.88	1.22	0.00
LT-II (A,B&C)Non-Domestic/Commercial	6.18	3.54	20.88	1.22	0.67
LT-III (A&B) Industrial	4.98	3.54	20.88	1.22	0.00
LT-IV (A&B) Cottage Industries & Dhobighats	2.44	3.54	20.88	1.22	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.02	3.54	20.88	1.22	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	2.52	3.54	20.88	1.22	0.00
LT-VII (A&B) General Purpose	4.00	3.54	20.88	1.22	0.00
LT-VIII (A&B) Temporary Supply	6.82	3.54	20.88	1.22	1.31
HT-I Industry Segregated					
11 kV	4.56	3.54	13.25	0.38	0.17
33 kV	3.84	3.54	7.96	0.06	0.00
132 kV	3.58	3.54	4.10	0.10	0.00
HT-I(B) Ferro Alloys	2.65	3.54	13.25	0.38	0.00
HT-II Industry Others					
11 kV	6.12	3.54	13.25	0.38	1.73
33 kV	5.37	3.54	7.96	0.06	1.49
132 kV	4.68	3.54	4.10	0.10	0.89
HT-IV(A&B) Lift Irrigation & Agriculture	2.60	3.54	4.10	0.10	0.00
HT-V(A) Railway Traction	4.45	3.54	4.10	0.10	0.66
HT-VI Townships& Residential Colonies					
11 kV	5.77	3.54	13.25	0.38	1.38
33 kV	6.23	3.54	7.96	0.06	2.34
132 kV	0.00	3.54	4.10	0.10	0.00
HT-Temporary Supply (11 kV)	6.45	3.54	13.25	0.38	2.06
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	2.09	3.54	18.93	0.65	0.00
LT-II (A,B&C)Non-Domestic/Commercial	5.84	3.54	18.93	0.65	0.98
LT-III (A&B) Industrial	5.17	3.54	18.93	0.65	0.31
LT-IV (A&B) Cottage Industries & Dhobighats	2.63	3.54	18.93	0.65	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.01	3.54	18.93	0.65	0.00

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S-(T-(Cx(1+L/100)+D))]}{J}$
LT-VI (A&B) Local Bodies, Street Lighting & PWS	1.77	3.54	18.93	0.65	0.00
LT-VII (A&B) General Purpose	4.49	3.54	18.93	0.65	0.00
LT-VIII (A&B) Temporary Supply	0.18	3.54	18.93	0.65	0.00
HT-I Industry Segregated					
11 kV	4.50	3.54	12.35	0.26	0.26
33 kV	4.02	3.54	8.03	0.02	0.17
132 kV	3.67	3.54	4.10	0.10	0.00
HT-II Industry Others					
11 kV	5.58	3.54	12.35	0.26	1.35
33 kV	4.88	3.54	8.03	0.02	1.03
132 kV	13.73	3.54	4.10	0.10	9.94
HT-IV(A&B) Lift Irrigation & Agriculture)	2.60	3.54	4.10	0.10	0.00
HT-V(A) Railway Traction	4.45	3.54	4.10	0.10	0.66
HT-VI Townships& Residential Colonies					
11 kV	4.81	3.54	12.35	0.26	0.58
33 kV	5.44	3.54	8.03	0.02	1.59
132 kV	5.07	3.54	4.10	0.10	1.29
HT-Temporary Supply (11 kV)	0.00	3.54	12.35	0.26	0.00

**Table 2.9: The Commission's proposal for fresh determination of CSS for FY 2012-13**

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S-(T-(Cx(1+L/100)+D))]}{J}$
<b>TGSPDCL</b>					
LT-I (A&B) Domestic	3.25	4.12	20.53	1.20	0.00
LT-II (A,B&C)Non-Domestic/Commercial	6.68	4.12	20.53	1.20	0.51
LT-III (A&B) Industrial	5.98	4.12	20.53	1.20	0.00
LT-IV (A&B) Cottage Industries & Dhobighats	2.81	4.12	20.53	1.20	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.02	4.12	20.53	1.20	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	3.11	4.12	20.53	1.20	0.00
LT-VII (A&B) General Purpose	5.85	4.12	20.53	1.20	0.00
LT-VIII (A&B) Temporary Supply	7.50	4.12	20.53	1.20	1.33
HT-I Industry Segregated					
11 kV	5.80	4.12	12.95	0.38	0.77
33 kV	4.95	4.12	7.89	0.06	0.44
132 kV	4.42	4.12	4.06	0.10	0.03
HT-I(B) Ferro Alloys	4.48	4.12	12.95	0.38	0.00
HT-II Industry Others					
11 kV	7.13	4.12	12.95	0.38	2.10
33 kV	6.31	4.12	7.89	0.06	1.81
132 kV	6.01	4.12	4.06	0.10	1.62
HT-IV(A&B) Lift Irrigation & Agriculture	3.25	4.12	4.06	0.10	0.00
HT-V(A) Railway Traction	5.43	4.12	4.06	0.10	1.04
HT-VI Townships& Residential Colonies					
11 kV	5.64	4.12	12.95	0.38	0.61

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S=(T-(Cx(1+L/100)+D))]}{J}$
33 kV	5.97	4.12	7.89	0.06	1.47
132 kV	0.00	4.12	4.06	0.10	0.00
HT-Temporary Supply (11 kV)	6.45	4.12	12.95	0.38	1.42
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	2.71	4.12	18.55	0.65	0.00
LT-II (A,B&C)Non-Domestic/Commercial	6.39	4.12	18.55	0.65	0.85
LT-III (A&B) Industrial	6.22	4.12	18.55	0.65	0.68
LT-IV (A&B) Cottage Industries & Dhobighats	3.05	4.12	18.55	0.65	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.00	4.12	18.55	0.65	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	2.53	4.12	18.55	0.65	0.00
LT-VII (A&B) General Purpose	4.47	4.12	18.55	0.65	0.00
LT-VIII (A&B) Temporary Supply	7.50	4.12	18.55	0.65	1.96
HT-I Industry Segregated					
11 kV	5.84	4.12	12.04	0.26	0.97
33 kV	5.17	4.12	7.90	0.02	0.71
132 kV	4.98	4.12	4.06	0.10	0.59
HT-II Industry Others					
11 kV	6.83	4.12	12.04	0.26	1.95
33 kV	10.44	4.12	7.90	0.02	5.97
132 kV	15.33	4.12	4.06	0.10	10.95
HT-IV(A&B) Lift Irrigation & Agriculture	3.25	4.12	4.06	0.10	0.00
HT-V(A) Railway Traction	5.43	4.12	4.06	0.10	1.04
HT-VI Townships& Residential Colonies					
11 kV	5.18	4.12	12.04	0.26	0.31
33 kV	5.39	4.12	7.90	0.02	0.93
132 kV	5.09	4.12	4.06	0.10	0.70
HT-Temporary Supply (11 kV)	0.00	4.12	12.04	0.26	0.00

**Table 2.10: The Commission's proposal for fresh determination of CSS for FY 2013-14 & 2014-15**

Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S=(T-(Cx(1+L/100)+D))]}{J}$
<b>TGSPDCL</b>					
LT-I (A&B) Domestic	3.84	4.99	19.46	1.19	0.00
LT-II (A,B&C)Non-Domestic/Commercial	8.62	4.99	19.46	1.19	1.47
LT-III (A&B) Industrial	5.46	4.99	19.46	1.19	0.00
LT-IV (A&B) Cottage Industries & Dhobighats	4.07	4.99	19.46	1.19	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.02	4.99	19.46	1.19	0.00
LT-VI (A&B)Local Bodies, Street Lighting & PWS	5.48	4.99	19.46	1.19	0.00
LT-VII (A&B) General Purpose	6.56	4.99	19.46	1.19	0.00
LT-VIII (A&B) Temporary Supply	9.66	4.99	19.46	1.19	2.51
HT-I Industry Segregated					
11 kV	8.43	4.99	12.46	0.37	2.44



Consumer Category	Tariff payable by relevant category of consumers	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power	System losses for the applicable voltage level in %	Wheeling Charge	CSS
	(T)	(C)	(L)	(D)	$\frac{[S-(T-(Cx(1+L/100)+D))]}{}$
33 kV	6.58	4.99	7.85	0.06	1.13
132 kV	6.01	4.99	4.02	0.10	0.71
HT-I(B) Ferro Alloys	5.56	4.99	12.46	0.37	0.00
HT-II Industry Others					
11 kV	9.18	4.99	12.46	0.37	3.19
33 kV	8.59	4.99	7.85	0.06	3.15
132 kV	7.61	4.99	4.02	0.10	2.31
HT-III Airports, Bus Stations and Railway Stations	6.60	4.99	4.02	0.10	1.30
HT-IV(A&B) Lift Irrigation & Agriculture	5.23	4.99	4.02	0.10	0.00
HT-V(A) Railway Traction	6.49	4.99	4.02	0.10	1.19
HT-VI Townships & Residential Colonies					
11 kV	6.03	4.99	12.46	0.37	0.04
33 kV	6.03	4.99	7.85	0.06	0.59
132 kV	0.00	4.99	4.02	0.10	0.00
HT-Temporary Supply (11 kV)	19.19	4.99	12.46	0.37	13.20
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	3.20	4.99	17.95	0.63	0.00
LT-II (A, B&C) Non-Domestic/Commercial	8.53	4.99	17.95	0.63	2.01
LT-III (A&B) Industrial	5.23	4.99	17.95	0.63	0.00
LT-IV (A&B) Cottage Industries & Dhobighats	4.55	4.99	17.95	0.63	0.00
LT-V (A, B&C) Irrigation & Agriculture	0.00	4.99	17.95	0.63	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	5.08	4.99	17.95	0.63	0.00
LT-VII (A&B) General Purpose	6.38	4.99	17.95	0.63	0.00
LT-VIII (A&B) Temporary Supply	9.43	4.99	17.95	0.63	2.91
HT-I Industry Segregated					
11 kV	9.26	4.99	11.78	0.26	3.42
33 kV	6.57	4.99	7.86	0.02	1.16
132 kV	6.31	4.99	4.02	0.10	1.02
HT-II Industry Others					
11 kV	8.77	4.99	11.78	0.26	2.94
33 kV	11.70	4.99	7.86	0.02	6.29
132 kV	22.22	4.99	4.02	0.10	16.92
HT-IV(A&B) Lift Irrigation & Agriculture	5.21	4.99	4.02	0.10	0.00
HT-V(A) Railway Traction	6.37	4.99	4.02	0.10	1.08
HT-VI Townships & Residential Colonies					
11 kV	5.90	4.99	11.78	0.26	0.06
33 kV	5.90	4.99	7.86	0.02	0.49
132 kV	5.90	4.99	4.02	0.10	0.60
HT-Temporary Supply (11 kV)	0.00	4.99	11.78	0.26	0.00

2.1.2 The detailed calculations in arriving at the above rates of CSS for FY 2005-06 are shown in Tables below:

**Table 2.11: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2005-06**

Consumer Category	TGSPDCL	TGNPDCL
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	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)
LT-I (A&B) Domestic	3,175.03	815.74	2.57	1,244.88	257.42	2.07
LT-II (A,B&C) Non-Domestic/Commercial	929.08	533.24	5.74	217.12	119.67	5.51
LT-III (A&B) Industrial	910.26	399.83	4.39	264.47	118.24	4.47
LT-IV (A&B) Cottage Industries & Dhobighats	18.73	3.86	2.06	4.38	0.86	1.96
LT-V (A,B&C) Irrigation & Agriculture	5,453.06	35.56	0.07	2,908.41	13.74	0.05
LT-VI (A&B) Local Bodies, Street Lighting & PWS	576.67	110.47	1.92	236.63	30.49	1.29
LT-VII (A&B) General Purpose	43.60	17.44	4.00	13.94	5.58	4.00
LT-VIII (A&B) Temporary Supply	3.36	2.08	6.20	1.05	0.65	6.20
HT-I Industry Segregated						
11 kV	1,975.58	755.92	3.83	90.69	39.06	4.31
33 kV	1,328.45	509.79	3.84	53.11	21.88	4.12
132 kV	895.55	338.14	3.78	642.24	245.11	3.82
HT-II Industry Others						
11 kV	477.24	249.75	5.23	38.08	19.65	5.16
33 kV	105.99	55.69	5.25	0.92	0.45	4.91
132 kV	28.12	15.47	5.50	2.64	3.09	11.70
HT-IV(A&B) Lift Irrigation & Agriculture	152.25	25.90	1.70	18.00	3.20	1.78
HT-V(A) Railway Traction	90.25	39.71	4.40	299.00	131.56	4.40
HT-VI Townships& Residential Colonies	68.53	23.99	3.50	84.89	29.71	3.50
HT-Temporary Supply	1.76	0.92	5.25	-	-	0.00
HT-RESCO	-	-	0.00	385.30	15.41	0.40
<i>Note: Category-wise Sales and Revenue have been considered as approved in Retail Supply Tariff Order for FY 2005-06</i>						

**Table 2.12: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2006-07**

Consumer Category	TGSPDCL			TGNDPCL		
	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)
LT-I (A&B) Domestic	3,558.12	914.16	2.57	1,410.95	291.76	2.07
LT-II (A,B&C) Non-Domestic/Commercial	1,113.70	641.53	5.76	254.25	139.85	5.50
LT-III (A&B) Industrial	994.46	419.46	4.22	243.51	113.78	4.67
LT-IV (A&B) Cottage Industries & Dhobighats	13.86	2.74	1.98	4.38	0.91	2.08
LT-V (A,B&C) Irrigation & Agriculture	5,938.00	11.32	0.02	2,909.06	13.50	0.05
LT-VI (A&B) Local Bodies, Street Lighting & PWS	555.51	101.57	1.83	252.17	32.40	1.28
LT-VII (A&B) General Purpose	48.03	19.21	4.00	15.53	6.21	4.00
LT-VIII (A&B)	2.63	1.63	6.20	0.10	0.06	6.20
HT-I Industry Segregated						
11 kV	1,936.72	770.81	3.98	86.93	38.61	4.44
33 kV	1,815.66	679.83	3.74	69.07	25.76	3.73
132 kV	1,640.61	536.77	3.27	612.48	213.72	3.49
HT-I(B) Ferro Alloys	300.00	76.50	2.55	-	-	-
HT-II Industry Others						
11 kV	585.78	309.84	5.29	46.50	24.70	5.31
33 kV	155.29	74.46	4.79	0.77	0.35	4.54
132 kV	32.93	14.03	4.26	3.15	3.81	12.08
HT-IV(A&B) Lift Irrigation & Agriculture	238.81	49.27	2.06	156.00	23.87	1.53
HT-V(A) Railway Traction	88.05	37.65	4.28	295.67	122.98	4.16
HT-VI Townships& Residential Colonies	66.66	23.33	3.50	148.62	52.02	3.50

HT-Temporary Supply	-	-	0.00	-	-	0.00
HT-RESCO	-	-	0.00	392.00	15.68	0.40
<i>Note: Category-wise Sales and Revenue have been considered as approved in Retail Supply Tariff Order for FY 2006-07</i>						

**Table 2.13: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2007-08**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)
LT-I (A&B) Domestic	3,694.12	933.58	2.53	1,385.33	285.36	2.06
LT-II (A,B&C) Non-Domestic/Commercial	1,161.56	668.31	5.75	262.22	141.57	5.40
LT-III (A&B) Industrial	1,113.05	477.74	4.29	271.48	123.96	4.57
LT-IV (A&B) Cottage Industries & Dhobighats	14.54	2.88	1.98	5.39	1.03	1.91
LT-V (A,B&C) Irrigation & Agriculture	5,938.00	11.32	0.02	2,909.06	6.76	0.02
LT-VI (A&B) Local Bodies, Street Lighting & PWS	403.00	76.01	1.89	269.92	40.06	1.48
LT-VII (A&B) General Purpose	49.00	19.60	4.00	18.00	7.20	4.00
LT-VIII (A&B) Temporary Supply	9.00	5.58	6.20	0.15	0.09	6.20
<b>HT-I Industry Segregated</b>						
11 kV	2,098.77	787.45	3.75	159.62	62.24	3.90
33 kV	2,472.88	873.98	3.53	86.84	31.10	3.58
132 kV	1,435.30	447.12	3.12	599.91	200.18	3.34
HT-I(B) Ferro Alloys	232.00	59.16			-	
<b>HT-II Industry Others</b>						
11 kV	713.69	373.69	5.24	52.12	26.91	5.16
33 kV	218.65	112.05	5.12	0.61	0.24	3.90
132 kV	36.64	16.37	4.47	2.40	3.28	13.65
HT-IV(A&B) Lift Irrigation & Agriculture	214.16	50.54	2.36	74.67	17.62	2.36
HT-V(A) Railway Traction	89.46	36.68	4.10	332.40	136.29	4.10
HT-VI Townships& Residential Colonies	67.00	23.45	3.50	141.06	49.35	3.50
HT-Temporary Supply	-	-	0.00	-	-	0.00
<i>Note: Category-wise Sales and Revenue have been considered as approved in Retail Supply Tariff Order for FY 2007-08</i>						

**Table 2.14: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2008-09**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)
LT-I (A&B) Domestic	4,701.08	1,180.85	2.51	1,562.87	317.52	2.03
LT-II (A,B&C) Non-Domestic/Commercial	1,522.81	884.30	5.81	313.72	176.77	5.63
LT-III (A&B) Industrial	1,220.45	468.67	3.84	345.91	131.87	3.81
LT-IV (A&B) Cottage Industries & Dhobighats	16.41	2.95	1.80	6.29	1.13	1.80
LT-V (A,B&C) Irrigation & Agriculture	5,938.00	11.32	0.02	2,909.06	10.87	0.04
LT-VI (A&B) Local Bodies, Street Lighting & PWS	442.13	104.65	2.37	279.45	37.02	1.32
LT-VII (A&B) General Purpose	54.89	21.96	4.00	22.64	9.05	4.00
LT-VIII (A&B) Temporary Supply	7.78	4.82	6.20	-	-	0.00
<b>HT-I Industry Segregated</b>						
11 kV	2,309.15	920.99	3.99	175.37	70.64	4.03
33 kV	3,205.06	1,168.08	3.64	103.71	37.77	3.64
132 kV	1,860.91	618.39	3.32	628.15	209.03	3.33
HT-I(B) Ferro Alloys	249.10	63.52	2.55	-	-	
<b>HT-II Industry Others</b>						

11 kV	942.42	492.15	5.22	57.41	28.94	5.04
33 kV	343.53	165.17	4.81	0.81	0.38	4.66
132 kV	53.64	26.22	4.89	2.40	2.80	11.65
HT-IV(A&B) Lift Irrigation & Agriculture	838.78	188.23	2.24	476.78	108.10	2.27
HT-V(A) Railway Traction	94.91	38.91	4.10	314.73	129.04	4.10
HT-VI Townships& Residential Colonies	88.61	31.01	3.50	133.39	46.69	3.50
HT-Temporary Supply	10.80	5.67	5.25	-	16.54	0.00
HT-RESCO	-	-	0.00	413.53	-	-
<i>Note: Category-wise Sales and Revenue have been considered as approved in Retail Supply Tariff Order for FY 2008-09</i>						

**Table 2.15: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2009-10**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)
LT-I (A&B) Domestic	5,201.63	1,332.88	2.56	1,661.49	330.62	1.99
LT-II (A,B&C) Non-Domestic/Commercial	1,731.60	1,007.53	5.82	329.21	181.75	5.52
LT-III (A&B) Industrial	1,249.30	536.70	4.30	323.68	147.37	4.55
LT-IV (A&B) Cottage Industries & Dhobighats	17.34	3.33	1.92	6.36	1.33	2.09
LT-V (A,B&C) Irrigation & Agriculture	6,234.90	6.82	0.01	3,054.51	1.59	0.01
LT-VI (A&B) Local Bodies, Street Lighting & PWS	597.52	130.97	2.19	304.54	41.89	1.38
LT-VII (A&B) General Purpose	61.99	24.80	4.00	26.72	10.69	4.00
LT-VIII (A&B) Temporary Supply	5.60	3.47	6.20	0.20	0.12	6.20
HT-I Industry Segregated						
11 kV	2,476.10	964.58	3.90	255.03	105.07	4.12
33 kV	3,798.09	1,341.82	3.53	73.60	27.00	3.67
132 kV	2,454.75	819.72	3.34	734.29	233.44	3.18
HT-I(B) Ferro Alloys						
33 kV	70.86	17.01	2.40	-	-	0.00
132 kV	397.68	95.44	2.40	-	-	0.00
HT-II Industry Others						
11 kV	928.90	484.43	5.22	71.61	35.91	5.01
33 kV	383.96	180.32	4.70	1.02	0.45	4.41
132 kV	110.18	50.11	4.55	0.72	2.18	30.11
HT-IV(A&B) Lift Irrigation & Agriculture	482.73	113.92	2.36	477.38	112.66	2.36
HT-V(A) Railway Traction	116.84	46.15	3.95	370.51	146.35	3.95
HT-VI Townships& Residential Colonies	91.10	36.44	4.00	125.26	50.10	4.00
HT-Temporary Supply	10.10	8.57	8.48	-	-	0.00
HT-RESCO	-	-	0.00	500.55	20.02	0.40
<i>Note: Category-wise Sales and Revenue have been considered as approved in Retail Supply Tariff Order for FY 2009-10</i>						

**Table 2.16: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2010-11**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)
LT-I (A&B) Domestic	6,310.93	1,743.64	2.76	2,002.13	399.51	2.00
LT-II (A,B&C) Non-Domestic/Commercial	2,038.06	1,227.23	6.02	430.95	244.93	5.68
LT-III (A&B) Industrial	1,311.56	603.20	4.60	323.54	154.46	4.77
LT-IV (A&B) Cottage Industries & Dhobighats	17.70	3.40	1.92	6.39	1.38	2.17

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)
LT-V (A,B&C) Irrigation & Agriculture	6,733.69	10.25	0.02	3,299.09	1.03	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	840.86	178.85	2.13	395.78	53.04	1.34
LT-VII (A&B) General Purpose	72.77	29.11	4.00	27.74	10.66	3.84
LT-VIII (A&B) Temporary Supply	2.81	1.87	6.64	1.68	1.14	6.81
HT-I Industry Segregated						
11 kV	2,517.97	1,077.62	4.28	285.76	127.43	4.46
33 kV	4,587.68	1,668.31	3.64	98.95	37.89	3.83
132 kV	3,015.45	1,021.07	3.39	742.57	251.45	3.39
HT-I(B) Ferro Alloys						
11 kV	10.04	2.58	2.57	-	-	-
33 kV	120.34	30.94	2.57	-	-	-
132 kV	193.21	50.10	2.59	-	-	-
HT-II Industry Others						
11 kV	1,091.51	635.25	5.82	86.85	47.36	5.45
33 kV	343.56	179.17	5.22	0.98	0.47	4.80
132 kV	166.08	71.50	4.30	1.77	2.62	14.79
HT-IV(A&B) Lift Irrigation & Agriculture						
11 kV	60.82	8.00	1.31	38.39	7.88	2.05
33 kV	66.98	15.44	2.30	41.47	10.36	2.50
132 kV	277.32	71.42	2.58	310.02	78.56	2.53
HT-V(A) Railway Traction	110.62	47.35	4.28	392.22	167.94	4.28
HT-VI Townships & Residential Colonies						
11 kV	92.24	36.90	4.00	18.82	7.53	4.00
33 kV	16.65	6.66	4.00	54.69	21.88	4.00
132 kV	-	-	-	82.77	33.11	4.00
HT-Temporary Supply	11.35	9.71	8.55	-	-	0.00
HT-RESCO	-	-	0.00	573.32	23.25	0.41
Note: Category-wise Sales and Revenue have been considered as approved in Retail Supply Tariff Order for FY 2010-11						

**Table 2.17: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2011-12**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)
LT-I (A&B) Domestic	6,289.37	1,867.67	2.97	2,328.36	486.88	2.09
LT-II (A,B&C) Non-Domestic/Commercial	2,030.35	1,254.17	6.18	495.88	289.68	5.84
LT-III (A&B) Industrial	1,262.63	628.30	4.98	310.34	160.33	5.17
LT-IV (A&B) Cottage Industries & Dhobighats	15.69	3.83	2.44	7.31	1.92	2.63
LT-V (A,B&C) Irrigation & Agriculture	7,339.82	15.41	0.02	3,596.07	1.98	0.01
LT-VI (A&B) Local Bodies, Street Lighting & PWS	936.18	236.00	2.52	468.04	83.03	1.77
LT-VII (A&B) General Purpose	74.87	29.97	4.00	27.03	12.13	4.49
LT-VIII (A&B) Temporary Supply	3.41	2.33	6.82	4.33	0.08	0.18
HT-I Industry Segregated						
11 kV	2,876.20	1,310.57	4.56	337.01	151.75	4.50
33 kV	5,056.31	1,942.68	3.84	115.17	46.30	4.02
132 kV	3,156.58	1,129.49	3.58	725.59	266.24	3.67
HT-I(B) Ferro Alloys						
11 kV	11.76	3.12	2.65	-	-	-
33 kV	279.34	74.03	2.65	-	-	-
132 kV	248.74	65.92	2.65	-	-	-

HT-II Industry Others							
11 kV	1,137.00	695.58	6.12	92.64	51.74	5.58	
33 kV	360.27	193.62	5.37	1.15	0.56	4.88	
132 kV	124.07	58.05	4.68	1.99	2.74	13.73	
HT-IV(A&B) Lift Irrigation & Agriculture							
11 kV	66.84	10.82	1.62	39.79	8.54	2.15	
33 kV	73.72	16.53	2.24	41.47	10.78	2.60	
132 kV	277.32	72.10	2.60	310.02	80.61	2.60	
HT-V(A) Railway Traction							
	184.55	82.12	4.45	405.98	180.66	4.45	
HT-VI Townships& Residential Colonies							
11 kV	78.79	45.43		24.66	11.87		
33 kV	15.63	9.73		35.71	19.41		
132 kV	-	-		92.21	46.78		
HT-Temporary Supply							
	5.54	3.57	6.45	-	-	0.00	
HT-RESCO							
	-	-	0.00	625.00	29.38	0.47	
<i>Note: Category-wise Sales and Revenue have been considered as approved in Retail Supply Tariff Order for FY 2011-12</i>							

**Table 2.18: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2012-13**

Consumer Category	TGSPDCL			TGNPDCL			
	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)	
LT-I (A&B) Domestic	6,941.57	2,256.46	3.25	2,460.63	666.67	2.71	
LT-II (A,B&C) Non-Domestic/Commercial	2,222.81	1,484.70	6.68	537.05	343.01	6.39	
LT-III (A&B) Industrial	1,270.23	760.20	5.98	314.08	195.33	6.22	
LT-IV (A&B) Cottage Industries & Dhobighats	18.67	5.25	2.81	7.06	2.15	3.05	
LT-V (A,B&C) Irrigation & Agriculture	8,073.90	18.40	0.02	3,955.61	1.17	0.00	
LT-VI (A&B) Local Bodies, Street Lighting & PWS	922.60	286.65	3.11	402.10	101.82	2.53	
LT-VII (A&B) General Purpose	79.88	46.69	5.85	31.97	14.29	4.47	
LT-VIII (A&B) Temporary Supply	1.26	0.95	7.50	0.03	0.02	7.50	
HT-I Industry Segregated							
11 kV	2,996.49	1,738.01	5.80	427.17	249.67	5.84	
33 kV	5,353.00	2,647.68	4.95	154.44	79.89	5.17	
132 kV	3,480.80	1,536.94	4.42	584.68	291.01	4.98	
HT-I(B) Ferro Alloys							
11 kV	11.99	5.37		-	-		
33 kV	248.20	100.52		-	-		
132 kV	242.74	88.60		-	-		
HT-II Industry Others							
11 kV	1,249.74	891.33	7.13	95.24	65.05	6.83	
33 kV	491.27	310.22	6.31	3.08	3.22	10.44	
132 kV	128.58	77.24	6.01	1.88	2.88	15.33	
HT-IV(A&B) Lift Irrigation & Agriculture							
11 kV	78.95	18.73	2.37	32.15	9.72	3.02	
33 kV	83.04	23.49	2.83	41.47	13.48	3.25	
132 kV	277.32	90.13	3.25	310.02	100.76	3.25	
HT-V(A) Railway Traction							
	163.38	88.72	5.43	438.95	238.35	5.43	
HT-VI Townships& Residential Colonies							
11 kV	87.28	49.22		20.13	10.43		
33 kV	21.68	12.95		21.30	11.49		
132 kV	-	-		89.10	45.38		
HT-Temporary Supply							
	4.94	3.19	6.45	-	-	0.00	
HT-RESCO							
	-	-	0.00	686.39	45.23	0.66	
<i>Note: Category-wise Sales and Revenue have been considered as approved in Retail Supply Tariff Order for FY 2012-13</i>							

**Table 2.19: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2013-14 & 2014-15**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS	Average Realisation (Rs./kWh)
LT-I (A&B) Domestic	6,941.57	2,939.58	4.23	2,460.63	911.58	3.70
LT-II (A,B&C) Non-Domestic/Commercial	2,206.09	1,963.05	8.90	536.35	474.91	8.85
LT-III (A&B) Industrial	1,253.95	699.24	5.58	315.65	168.18	5.33
LT-IV (A&B) Cottage Industries & Dhobighats	18.67	8.02	4.29	7.06	3.46	4.90
LT-V (A,B&C) Irrigation & Agriculture	8,073.70	59.98	0.07	3,955.61	43.95	0.11
LT-VI (A&B) Local Bodies, Street Lighting & PWS	922.60	519.01	5.63	402.10	208.68	5.19
LT-VII (A&B) General Purpose	79.88	54.70	6.85	31.94	21.80	6.83
LT-VIII (A&B) Temporary Supply	1.26	1.23	9.75	0.03	0.03	9.53
HT-I Industry Segregated						
11 kV	2,935.70	2,493.51	8.49	422.40	398.17	9.43
33 kV	5,247.38	3,465.31	6.60	154.48	102.76	6.65
132 kV	3,417.22	2,060.97	6.03	572.66	366.26	6.40
HT-I(B) Ferro Alloys						
11 kV	11.67	6.51		-	-	
33 kV	245.38	124.04		-	0.06	
132 kV	237.74	111.57		-	-	
HT-II Industry Others						
11 kV	1,225.23	1,131.97	9.24	93.29	83.21	8.92
33 kV	481.64	415.46	8.63	3.08	3.65	11.85
132 kV	61.24	46.78	7.64	1.72	3.86	22.47
HT-III Airports, Bus stations and Railway Stations						
11 kV	-	-		-	-	
33 kV	-	-		-	-	
132 kV	64.82	42.92		-	-	
HT-IV(A&B) Lift Irrigation & Agriculture						
11 kV	29.82	231.56	77.65	32.15	209.10	65.04
33 kV	106.86	-	0.00	53.01	-	0.00
132 kV	301.24	-	0.00	310.02	-	0.00
HT-V(A) Railway Traction	160.18	104.29	6.51	438.06	282.74	6.45
HT-VI Townships & Residential Colonies						
11 kV	85.57	64.84		19.91	76.90	
33 kV	21.25	-		21.30	-	
132 kV	-	-		87.43	-	
HT-Temporary Supply	4.84	9.33	19.27	-	-	0.00
HT-RESCO	-	-	0.00	686.39	61.11	0.89
Note: Category-wise Sales and Revenue have been considered as approved in Retail Supply Tariff Order for FY 2013-14						

**Table 2.20: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2005-06**

Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU			46569.70
Top 5% at the margin excluding liquid fuel based generation and renewable power in MU			2328.48
Station Name	Despatch MU	PP Cost	PP cost (Rs./kWh)
Kondapalli	351.45	110.53	3.14
APGPCL Station II	319.94	61.43	1.92

NLC-I	396.37	97.39	2.46
NLC-II	594.97	162.44	2.73
RTPP	561.39	305.54	5.44
Top 5% at the margin excluding liquid fuel based generation and renewable power	2328.48	760.83	3.27
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>3.27</b>

Note: Power purchase cost is considered as approved in RST order for FY 2005-06

**Table 2.21: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2006-07**

Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU			52167.92
Top 5% at the margin excluding liquid fuel based generation and renewable power in MU			2608.40
<b>Station Name</b>	<b>Despatch MU</b>	<b>PP Cost</b>	<b>PP cost (Rs/kWh)</b>
Kondapalli	2273.25	588.77	2.59
Srivathsa	39.48	18.91	4.79
RTPP	295.67	63.15	2.14
Top 5% at the margin excluding liquid fuel based generation and renewable power	2608.40	670.83	2.57
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>2.57</b>

Note: Power purchase cost is considered as approved in RST order for FY 2006-07

**Table 2.22: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2007-08**

Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU			52723.97
Top 5% at the margin excluding liquid fuel based generation and renewable power in MU			2636.20
<b>Station Name</b>	<b>Despatch MU</b>	<b>PP Cost</b>	<b>PP cost (Rs/kWh)</b>
RTPP Stage-II	1854.73	570.79	3.08
RTPP-I	781.47	169.06	2.16
Top 5% at the margin excluding liquid fuel based generation and renewable power	2636.20	739.86	2.81
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>2.81</b>

Note: Power purchase cost is considered as approved in RST order for FY 2007-08

**Table 2.23: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2008-09**

Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU			59021.00
Top 5% at the margin excluding liquid fuel based generation and renewable power in MU			2951.05
<b>Station Name</b>	<b>Despatch MU</b>	<b>PP Cost</b>	<b>PP cost (Rs/kWh)</b>



Vemagiri	328.05	82.34	2.51
GVK Extension	263.00	66.01	2.51
Gautami	456.00	115.55	2.53
Konaseema	235.00	72.84	3.10
RTPP-I	1669.00	427.33	2.56
Top 5% at the margin excluding liquid fuel based generation and renewable power	2951.05	764.08	2.59
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>2.59</b>

Note: Power purchase cost is considered as approved in RST order for FY 2008-09

**Table 2.24: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2009-10**

Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU			63300.28
Top 5% at the margin excluding liquid fuel based generation and renewable power in MU			3165.01
<b>Station Name</b>	<b>Despatch MU</b>	<b>PP Cost</b>	<b>PP cost (Rs/kWh)</b>
RTPP Stage-II	596.35	162.78	2.73
RTPP Stage-III	544.85	148.73	2.73
GVK-Extension	750.85	266.08	3.54
Vemagiri	803.57	342.24	4.26
Gautami	283.52	300.28	10.59
Konaseema	185.88	252.97	13.61
Top 5% at the margin excluding liquid fuel based generation and renewable power	3165.01	1473.07	4.65
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>4.65</b>

Note: Power purchase cost is considered as approved in RST order for FY 2009-10

**Table 2.25: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2010-11**

Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU			73207.07
Top 5% at the margin excluding liquid fuel based generation and renewable power in MU			3660.35
<b>Station Name</b>	<b>Despatch MU</b>	<b>PP Cost</b>	<b>PP cost (Rs/kWh)</b>
Kondapalli (Gas)	1472.72	492.81	3.35
BSES	1089.06	382.04	3.51
GVK	627.71	240.61	3.83
Spectrum	470.87	191.12	4.06
Top 5% at the margin excluding liquid fuel based generation and renewable power	3660.35	1306.57	3.57
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>3.57</b>

Note: Power purchase cost is considered as approved in RST order for FY 2010-11

**Table 2.26: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2011-12**

<b>Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU</b>			<b>78209.88</b>
<b>Top 5% at the margin excluding liquid fuel based generation and renewable power in MU</b>			<b>3910.49</b>
<b>Station Name</b>	<b>Despatch MU</b>	<b>PP Cost</b>	<b>PP cost (Rs/kWh)</b>
GVK Extension	526.66	146.58	2.78
Vemagiri	1991.15	625.11	3.14
APGPCL-I - Allocated capacity	42.09	15.51	3.68
Srivathsa	64.03	23.70	3.70
Konaseema	1286.56	574.43	4.46
Top 5% at the margin excluding liquid fuel based generation and renewable power	3910.49	1385.33	3.54
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>3.54</b>

Note: Power purchase cost is considered as approved in RST order for FY 2011-12

**Table 2.27: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2012-13**

<b>Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU</b>			<b>74065.11</b>
<b>Top 5% at the margin excluding liquid fuel based generation and renewable power in MU</b>			<b>3703.26</b>
<b>Station Name</b>	<b>Despatch MU</b>	<b>PP Cost</b>	<b>PP cost (Rs/kWh)</b>
Srivathsa	62.35	36.75	5.89
VTPS-IV	3640.91	1488.38	4.09
Top 5% at the margin excluding liquid fuel based generation and renewable power	3703.26	1525.13	4.12
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>4.12</b>

Note: Power purchase cost is considered as approved in RST order for FY 2012-13

**Table 2.28: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2013-14 & 2014-15**

<b>Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU</b>			<b>72558.76</b>
<b>Top 5% at the margin excluding liquid fuel based generation and renewable power in MU</b>			<b>3627.94</b>
<b>Station Name</b>	<b>Despatch MU</b>	<b>PP Cost</b>	<b>PP cost (Rs/kWh)</b>
RTPP Stage-II	2183.56	1025.97	4.70
RTPP Stage-III	1444.38	784.01	5.43
Top 5% at the margin excluding liquid fuel based generation and renewable power	3627.94	1809.99	4.99
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>4.99</b>

Note: Power purchase cost is considered as approved in RST order for FY 2013-14

**Table 2.29: System Losses for Applicable voltage level in % (L)**

Voltage level	2005-06 *	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
	TGSPDCL								
>=132 kV	5.00%	4.45%	4.30%	4.20%	4.16%	4.13%	4.10%	4.06%	4.02%

33 kV	5.78%	4.21%	4.00%	3.81%	4.07%	4.04%	4.02%	3.99%	3.99%
11 kV	12.28%	7.44%	7.04%	6.70%	5.00%	6.00%	5.75%	5.50%	5.00%
LT	20.50%	12.44%	11.00%	10.40%	8.00%	9.50%	8.80%	8.70%	8.00%
<b>TGNPDCL</b>									
>=132 kV	5.00%	4.45%	4.30%	4.20%	4.16%	4.13%	4.10%	4.06%	4.02%
33 kV	6.07%	5.45%	5.18%	4.92%	4.50%	4.25%	4.10%	4.00%	4.00%
11 kV	12.90%	6.29%	5.21%	5.65%	5.00%	4.80%	4.70%	4.50%	4.25%
LT	23.05%	11.11%	10.10%	8.92%	7.00%	8.00%	7.50%	7.40%	7.00%
* Losses shown are upto the voltage level									

**Table 2.30: Wheeling Charges (D)**

Voltage level	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
<b>TGSPDCL</b>									
	<b>Rs./kWh</b>	<b>(Rs./kVA/month)</b>							
LT	0.46	126.44	129.18	130.37	671.71	634.57	669.17	658.76	649.23
11 kV	0.46	91.02	92.51	92.52	185.94	192.55	206.56	207.47	204.79
33 kV	0.46	32.70	33.05	32.77	27.12	30.38	32.39	32.66	33.43
<b>TGNPDCL</b>									
	<b>Rs./kWh</b>	<b>(Rs./kVA/month)</b>							
LT	0.60	185.52	188.44	194.61	324.23	338.19	353.72	357.51	345.92
11 kV	0.60	85.94	87.31	90.20	124.08	133.14	141.26	143.73	140.69
33 kV	0.60	23.49	23.86	24.65	11.56	12.29	12.73	12.70	12.45
<b>WHEELING CHARGES in Rs./kWh</b>									
Voltage level	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
<b>TGSPDCL</b>									
LT	0.46	0.23	0.24	0.24	1.23	1.16	1.22	1.20	1.19
11 kV	0.46	0.17	0.17	0.17	0.34	0.35	0.38	0.38	0.37
33 kV	0.46	0.06	0.06	0.06	0.05	0.06	0.06	0.06	0.06
<b>TGNPDCL</b>									
LT	0.60	0.34	0.34	0.36	0.59	0.62	0.65	0.65	0.63
11 kV	0.60	0.16	0.16	0.16	0.23	0.24	0.26	0.26	0.26
33 kV	0.60	0.04	0.04	0.05	0.02	0.02	0.02	0.02	0.02
<b>TRANSMISSION CHARGES</b>									
Voltage level	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
<b>Rs./kW/Month</b>									
>=132 kV	69.25	42.60	44.62	38.91	47.79	50.86	63.47	65.50	61.03
<b>Rs./kWh</b>									
>=132 kV	0.11	0.07	0.07	0.06	0.07	0.08	0.10	0.10	0.10

Note: Wheeling charges and transmission charges are considered as approved in respective MYT orders

## **Chapter-3**

### **Issues Raised by Stakeholders, Licensee's Reply and Commission's Views**

#### **3.1 OBJECTIONS/SUGGESTIONS MADE ON FILINGS**

3.1.1 In response to the Public Notice twenty-three (23) stakeholders have filed their written objections/suggestions on fresh proposals for determination of CSS for FY 2005-06 to FY 2014-15. For the sake of clarity, the objections/suggestions raised by the stakeholders have been consolidated and summarised issue-wise. The Commission has concluded all the objections/suggestions of the stakeholders who made in writing as well as during the Public Hearing held on 26.06.2024.

#### **3.2 SCOPE AND JURISDICTION**

##### ***Stakeholder's Submissions***

3.2.1 In pursuance to Andhra Pradesh Reorganisation Act, 2014 and creation of State of Telangana and consequent constitution of this Commission on 03.11.2014, any proceedings which was pending, or concerning for the period prior to the constitution of this Commission, including any remand proceedings cannot be dealt with by this Commission, as it would not vest with any jurisdiction to decide those matters as the provisions of Reorganization Act does not authorize this Commission in any manner except for the limitation provided under the Act which concern or fall within the exclusive jurisdiction of State of Telangana.

3.2.2 This Commission is a new Commission constituted by G.O.Ms.No.14 dated 01.11.2014 notified by the Government of Telangana exercising powers under Section 83 of the Electricity Act, 2003 and so it cannot determine CSS for the period anterior to its constitution. In other words, this Commission does not have jurisdiction to deal with matters pertaining to the period before its constitution.

3.2.3 This Commission cannot determine CSS for two different DISCOMs severing the claims confining to State of Telangana when factually initial claims were made for the entire State of Andhra Pradesh consisting of four DISCOMs.

- 3.2.4 The proceedings in respect of FY 2005-06 and FY 2006-07 in pursuance to the Common Judgment dated 05.07.2007 of the Hon'ble APTEL, whereby the matter was remanded back to erstwhile APERC for re-determination of CSS as confirmed by Hon'ble Supreme Court. Therefore, the scope of remand shall be strictly limited to the extent as directed therein.
- 3.2.5 For FY 2013-14, the erstwhile APERC determined 'Nil' CSS vide orders dated 13.08.2013 in O.P.No.54 of 2013 and though a review petition was preferred, it was dismissed vide order dated 22.01.2014 in R.P.No.1 of 2013 and the order has become final. TGSPDCL has filed O.P.No.13 of 2017 seeking fresh determination for the very same period once again which is not permissible and this Commission shouldn't have entertained the said application. On the contrary, the Commission determined CSS for FY 2013-14, which is illegal and void. Further, the Commission adopted all the previous Regulations and Orders of the erstwhile APERC which were passed before its constitution vide Regulation No.1 of 2014. Therefore, having adopted the previous orders, the Commission is precluded from re-determining the CSS.
- 3.2.6 For FY 2011-12 and FY 2012-13, the DISCOMs were unable to meet the power demand scenario and therefore sought intervention of the APERC for imposing Restriction & Control (R&C) measures. In pursuance to the applications, the then APERC passed various orders from time-to-time imposing R&C measures in particularly on all HT-consumers. In all these orders, erstwhile APERC had stipulated that those who avail power supply through Open Access shall not be liable for CSS, in as much as, it is at the behest of the DISCOMs, the R&C measures were imposed. This scenario continued till R&C measures were recalled and even subsequently also for FY 2013-14, for which year there was "Nil" determination. Hence present exercise for re-determination of CSS for the above years is impermissible and without jurisdiction.
- 3.2.7 The Hon'ble High Court has given directions to comply with the orders within six (6) months i.e., by August 2020. Since no action is taken within the time frame, the period has lapsed and jurisdiction has expired.

### **Commission's View**

3.2.8 The Commission has initiated the proceedings as per the directions of the Hon'ble High Court dated 12.02.2020 and reiterated in several of the subsequent orders. The Hon'ble High Court was pleased to direct the Commission to undertake fresh exercise of determination of CSS for FY 2005-06 to FY 2014-15. The orders of the Hon'ble High Court dated 12.02.2020 was directed to be complied within six (6) months from the date of receipt of the order. The copy of the order has been received officially on or around 08.06.2020. Though steps were initiated yet the exercise could not be completed for bringing the matter to the hearing table. In the mean time, the second wave of COVID-19 was affected and hence there was dislocation of work. The Commission made its earnest efforts to complete the exercise at the earliest possible time. However, between two seasons of COVID-19 there got held up a lot of regulatory and statutory exercise which was in may any case a time bound activity and required the complete attention of the Commission. Later in the year 2022, came the tariff determination exercise for retail supply which was hitherto held up due to non filing of the same for the three (3) years i.e., from FY 2019-20 to FY 2021–22 by the distribution licensees. Coupled with above filings were made for the mid terms review of generation, transmission activity and SLDC activities including ensuring compliance of the renewable power purchase obligations. Turning to the year 2023, it was year where the Commission with meagre human resources at its disposal has been laced with the big tariff exercise of retail supply for FY 2023-24 as well as the truing up exercise which was overdue for nearly eight (8) years of retail supply and sixteen (16) years of distribution activity. Apart from the above there was lot of pending litigations which required urgent adjudication. Be that as it may was Commission was making all out efforts to dispose of the applications as per directions of the Hon'ble High Court. The batch of writ petitions covered by this order were of the order of seventy-five (75). Out of the said batch only forty-five (45) cases were disposed of on 12.02.2020, As far as remaining cases are concerned the same were disposed by the Hon'ble High Court, the latest being in the year 2024. The details of the writ petitions and the date of disposal are placed on record for better understanding of the issue. Even now seventeen

(17) writ petitions are still pending consideration by the Hon'ble High Court. The details thereof are shown in the table below:

**CROSS SUBSIDY SURCHARGE BATCH**

<b>Sl. No.</b>	<b>Writ Petition No.</b>	<b>Name of Petitioner</b>	<b>Date of Diposal</b>
1	48170 of 2018	M/s HBL Power Systems	Pending
2	1079 of 2019	M/s KDA Ispat Private Limited.	01.02.2024
3	35081 of 2018	M/s K. B. Rolling Mill Private Limited.	12.02.2020
4	34569 of 2018	M/s Radha Smelters Limited.	01.02.2024
5	34387 of 2018	M/s Signode India Limited	12.02.2020
6	32778 of 2018	M/s Rain CH Carbon (Vizag) Limited.	12.02.2020
7	31494 of 2018	M/s Biocon Limited	12.02.2020
8	25583 of 2018	M/s Bambino Pasta Food Industries Private Limited.	Pending
9	27954 of 2018	M/s Alpa India Private Limited.	12.02.2020
10	33442 of 2018	M/s Pravesha Industries Private Limited.	Pending
11	31628 of 2018	M/s Sai Sree Woven Sacks Private Limited.	12.02.2020
12	28309 of 2018	M/s Covalent Laboratories Private Limited.	12.02.2020
13	28926 of 2018	M/s Tube Investments of India Limited.	12.02.2020
14	27785 of 2018	M/s Keerthi Industries Limited	11.03.2024
15	32534 of 2018	M/s Greystone Cements Limited	12.02.2020
16	29131 of 2018	M/s Hindustan Coca-Cola Beverages Private Limited.	12.02.2020
17	27941 of 2018	M/s Nichino Chemical India Private Limited.	Pending
18	28743 of 2018	M/s Neuland Laboratories Limited.	08.02.2024
19	32257 of 2018	M/s SMS Life sciences India Limited.	08.02.2024
20	32548 of 2018	M/s SNJ Synthetics Limited	12.02.2020
21	32563 of 2018	M/s Hyderabad Industries Limited	12.02.2020
22	28244 of 2018	M/s Vijay Anand Kraft Papers Private Limited	Pending
23	28948 of 2018	M/s Saraca Laboratories Limited	12.02.2020
24	31500 of 2018	M/s Rane Engine Valve Limited	12.02.2020
25	28662 of 2018	M/s Neuland Laboratories Limited	08.02.2024
26	31156 of 2018	M/s KVS Spinning Mills Private Limited	12.02.2020
27	33954 of 2018	M/s Mahindra and Mahindra Limited	12.02.2020
28	29777 of 2018	M/s Hindustan Coca-Cola Beverages Private Limited	12.02.2020
29	27454 of 2018	M/s Granules India Limited	12.02.2020
30	29013 of 2018	M/s Virchow Petrochemical Private Limited	12.02.2020
31	25588 of 2018	M/s Taj GVK Hotels & Resorts Limited.	Pending
32	28228 of 2018	M/s MRF Limited	12.02.2020
33	27313 of 2018	M/s Pokarna Limited	12.02.2020
34	22191 of 2018	M/s Telangana Spinning and Textile Mills Association (21)	12.02.2020
35	26312 of 2018	M/s Rane Brake Lining Limited	Pending
36	26058 of 2018	M/s Prompt Industries Private Limited	01.02.2024
37	24496 of 2018	M/s Jeevaka Industries Private Limited	12.02.2020

Sl. No.	Writ Petition No.	Name of Petitioner	Date of Diposal
38	24528 of 2018	M/s Radha Smelters Private Limited	12.02.2020
39	23518 of 2018	M/s Penna Cement Industries Limited	12.02.2020
40	22565 of 2018	M/s Rain Cements Limited	12.02.2020
41	22568 of 2018	M/s Sri Luxmi Tulasi Agro Paper Private Limited	Pending
42	22738 of 2018	M/s Shivam Smelters Private Limited	12.02.2020
43	22865 of 2018	M/s Gland Pharma Limited	Pending
44	22970 of 2018	M/s VST Industries Limited	12.02.2020
45	22764 of 2018	M/s Aurobindo Pharma Limited	12.02.2020
46	22517 of 2018	M/s Dr Reddy's Laboratories Limited	12.02.2020
47	22192 of 2018	M/s The India Cements Limited	12.02.2020
48	22506 of 2018	M/s Sagar Cements Limited	12.02.2020
49	21936 of 2018	M/s All India Induction Furnaces Assn. and others (20)	12.02.2020
50	25215 of 2018	M/s Granules India Limited	12.02.2020
51	24990 of 2018	M/s Shrinath Roto Pack Private Limited	12.02.2020
52	24699 of 2018	M/s Indira Constructions	12.02.2020
53	24909 of 2018	M/s Shrinath Flexi Pack Private Ltd.	12.02.2020
54	25904 of 2018	M/s Veejay Poly Plast Limited	Pending
55	23922 of 2018	M/s HSIL Limited	12.02.2020
56	24694 of 2018	M/s Deevya Shakti Paper Mills private Ltd.	12.02.2020
57	24666 of 2018	M/s Meenakshi Paper Mills	12.02.2020
58	25168 of 2018	M/s Savithri Steel and Rerolling Private Limited	12.02.2020
59	25227 of 2018	M/s Zuari Cements Limited	12.02.2020
60	23492 of 2018	M/s Welset Polypack Private Limited	12.02.2020
61	24798 of 2018	M/s Agarwal Foundaries	12.02.2020
62	24217 of 2018	M/s Madhucon Sugars and Power Industries Limited	Pending
63	22581 of 2018	M/s Mylan Laboratories Limited	Pending
64	24311 of 2018	M/s Srinath Spinners Limited	Pending
65	26716 of 2018	M/s GTN Engineering (India) Limited	13.02.2020
66	26306 of 2018	M/s Maha Shiv Shakti Steel Rolling Mills Private Limited.	Pending
67	26714 of 2018	M/s Suven Life Sciences Limited	13.02.2020
68	25215 of 2018	M/s Granules India Limited	12.02.2020
69	26288 of 2018	M/s Rane Engine Valve Limited	Pending
70	26915 of 2018	M/s Gland Pharma Limited	27.02.2020
71	26706 of 2018	M/s INOX Air Products Private Limited.	13.02.2020
72	26710 of 2018	M/s My Home Industries Private Limited.	Pending
73	26647 of 2018	M/s Salguti Industries Limited	08.02.2024
74	21691 of 2018	M/s Ind Bharath Energies Limited	Pending
75	23922 of 2018	M/s HSIL Limited AGI Glaspac	12.02.2020

3.2.9 While the Commission is processing the action proposed to be taken in terms of the directions of the Hon'ble High Court, at the same time it was making



efforts to get the rest of the writ petitions disposed of by the Hon'ble High Court. It is noticed that despite efforts some of the matters are still pending consideration.

3.2.10 It is appropriate to state that the Commission could not have taken up the proceedings in respect of each of the writ petitioners as and when there is a disposal of a particular matter by the Hon'ble High Court. However, as the matter has been already delayed and required urgent attention of the Commission, it made all out efforts to get the matter to the hearing table. Thus the public notice was originally issued on 09.05.2024 by placing an advertisement in daily newspapers. Further based on the request of the stakeholders, the public notice has been revised twice on 30.05.2024 and 21.06.2024. Thereafter, public hearing was conducted on 26.06.2024. In the meantime as stated earlier individual notices have also been sent to the respective writ petitioners and made all out efforts to serve each of them.

3.2.11 While this is the background situation, it is appropriate to state that the parties now guise of making their submission are seeking to make allegations that the Commission is not having jurisdiction to decide the matter, since the time granted by the Hon'ble High Court expired. This submission of the objectors seems to be to thwart the process initiated by the Commission, having got the matter remanded back to the Commission. At the same time it is also relevant to state that if the directions are not complied with, it is for either contesting parties to obtain necessary orders of the Hon'ble High Court and place it before the Commission. To the contrary none of the parties not even attempted to get an extension or get the pending matters disposed of in terms of the original order.

3.2.12 To say the least, the contesting parties and particularly the beneficiary of any order passed by the Commission, should have made an application for extension of time before the Hon'ble High Court. This is stated because the Commission is only an adjudicating authority on the subject matter and it is for implanting or affected party of any order to ensure compliance of the order of this Hon'ble Court.

3.2.13 To part with this aspect, the Commission would like to place its status of action that the initiation of proceedings was delayed only due to administrative exigencies and statutory work it had to discharge within the timelines. The delay occurred is neither wilful nor wanton as to showing any disrespect and disobedience to any superior forum much less the Hon'ble High Court. Thus the submissions made by the stakeholders are refused stoutly.

3.2.14 Specific allegations have been adverted to by the stakeholders that the Commission cannot decide the matter anterior to its existence. The stakeholders are either under ignorance of law or are making utopian submission that the universe was available to the Commission prior to its constitution. It has to be stated here that this Commission is a culmination of the formation of the State of Telangana under A.P. Reorganisation Act, 2014 being Central Act (6 of 2014).

3.2.15 The provisions in the Central Act (6 of 2014) have to be taken into consideration which are extracted for ready reference.

“ .....

100. *Territorial extent of laws. The provisions of Part II shall not be deemed to have affected any change in the territories to which the Andhra Pradesh Land Reforms (Ceiling on Agricultural Holdings) Act, 1973 and any other law in force immediately before the appointed day extends or applies, and territorial references in any such law to the State of Andhra Pradesh shall, until otherwise provided by a competent Legislature or other competent authority be construed as meaning the territories within the existing State of Andhra Pradesh before the appointed day.*

101. *Power to adapt laws. For the purpose of facilitating the application in relation to the State of Andhra Pradesh or the State of Telangana of any law made before the appointed day, the appropriate Government may, before the expiration of two years from that day, by order, make such adaptations and modifications of the law, whether by way of repeal or amendment, as may be necessary or expedient, and thereupon every such law shall have effect subject to the adaptations and modifications so made until altered, repealed or amended by a competent Legislature or other competent authority.*

*Explanation.— In this section, the expression “appropriate Government” means as respects any law relating to a matter enumerated in the Union List, the Central Government, and as respects any other law in its application to a State, the State Government.*

102. *Power to construe laws. Notwithstanding that no provision or insufficient provision has been made under section 102 for the adaptation of a law made before the appointed day, any court, tribunal or authority, required or empowered to enforce such law may, for the purpose of facilitating its application in relation to the State of Andhra Pradesh or the State of*

Telangana, construe the law in such manner, without affecting the substance, as may be necessary or proper in regard to the matter before the court, tribunal or authority.

.....

THE TWELFTH SCHEDULE  
(See section 92)

.....

C. Power

1. Units of APGENCO shall be divided based on geographical location of power plants.
2. Existing Power Purchase Agreements (PPAs) with respective DISCOMS shall continue for both on-going projects and projects under construction.
3. The existing Andhra Pradesh Electricity Regulatory Commission (APEREC) shall function as a joint regulatory body for a period not exceeding six months within which time separate SERCs will be formed in the successor States.

.....”

3.2.16 A combined reading of the provision extracted above and the provisions made in the schedule would clearly demonstrate that the Commission would be bestowed the power to deal with the aspects which were anterior to its existence.

3.2.17 Keeping in the mind the above said interpretation it is also appropriate to notice the observation of the Hon'ble High Court dated 12.02.2024.

*“Having considered the rival submissions made by the learned counsel on either side, this Court is of the considered view that all the writ petitions can be disposed of by remanding the matters back to the 1<sup>st</sup> respondent for fresh determination of Cross Subsidy Surcharge, after giving notice to the affected parties in terms of Clauses 16 (ii) and 17 of the 3 Regulations prescribed by the 1<sup>st</sup> respondent and pass appropriate orders within a period of six months from the date of receipt of a copy of this order. It is needless to state that the petitioners are at liberty to raise all legal grounds in accordance with law. Any demand issued pursuant to the orders passed by the 1<sup>st</sup> respondent on 6.4.2018 shall automatically stands quashed. The 1<sup>st</sup> respondent shall decide the cases, which have been remanded by the Tribunal, for the years 2004-2005 and 2005-2006.” (emphasis supplied)*

3.2.18 It is noticed that the Hon'ble High Court has observed and meant determination of CSS for all the years for which earlier decision was made by the Commission. Therefore the contention of the stakeholder is refused.

3.2.19 The stakeholders sought address the aspect of taking decision in the matter two distribution companies prior to or posterior reorganisation. The basis is that the claims were made in respect of the entire State of Andhra Pradesh and not

merely areas now presently falling under the State of Telangana. This argument of the stakeholder seems to figment of imagination for the reason since the aspect of CSS is being decided, the same would stand for the entire DISCOM area and not for particular village, town or district. There is no merit in the objection of the stakeholder with reference to the determination of CSS for two different Discoms severing the claims confining to State of Telangana for the following reasons:

Due to bifurcation of the State, the districts Anantapur and Kurnool are now under the scope of the Southern Power Distribution Company of Andhra Pradesh Limited. With regard to these two districts, it has to be noted that the data was not specifically taken into account by the Commission in calculating the Cross Subsidy Surcharge. The same makes no material difference of significance as all the parameters governing such quantum of surcharge are more or less identical even for those two districts. Application of the law of averages in such a situation cannot be considered as unjust and unreasonable when any marginal or peripheral variations of no significance in the relevant parameters is of no or little impact on the correctness or accuracy of the determination of the Cross Subsidy Surcharge.

Accordingly, the Commission has recomputed the CSS applicable for different categories of the consumers of TSSPDCL and TSNPDCL operating within the territories of the present State of Telangana.

Strange issues have been placed on record and canvased by the parties forgetting the fact that it's a remand proceeding and what all the Commission is required to decide is that matter be taken by proper notice and finalised. To this extent the action of the Commission is perfectly in accordance with the directions of the Hon'ble High Court. Therefore this contention is refused.

- 3.2.20 The stakeholder sought to take up the contention of remand by the Hon'ble Supreme Court in respect of FYs 2005-06 and 2006-07 and the determination should be in accordance with the decision of the Hon'ble Supreme Court. There is no specific submission with reference to the facts and figures in this regard. In fact the Hon'ble High Court also gave liberty to the Commission to decide the matter in terms of the Hon'ble APTEL, as noticed in the last sentence extracted

supra. Thus the entire submission lacks substance and falls flat as devoid of merit.

3.2.21 The argument of the stakeholder seems to be on the basis of insufficient or erroneous understanding of the order passed by the then APERC. The APERC while deciding the CSS for FY 2013-14 in O.P.No.54 of 2013 did not arrive at any figure but kept CSS as 'NIL', as at the relevant time when R&C measures were still in force. The said measures were lifted from after 01.08.2013. At the same time in the very same order, it has also been made clear that the distribution companies are at liberty to approach the Commission if at all they have successfully supplied power for remaining eight (8) months of the financial year without any breaks or load shedding. In this regard, the relevant portion of the order is extracted below:

*37. After careful examination of the points submitted in the Public Hearing, and due consideration to various issues on Supply Side Constraints, plights of OA Users, DISCOMs inability to give assurance with regard to power supply during the remaining period of the financial year and their proposal to review the R&C measures after a period of one month, no threat to recovery of anticipated cross subsidy in Tariff Order for FY 2013-14, as summarized above, the Commission hereby determines Cross-Subsidy Surcharge & Additional Surcharge, under the provisions of the Electricity Act 2003, payable by Open Access Users, falling in the service areas of respective Distribution Licensees in the State, as "nil" for the Financial 2013-14. However, DISCOMs are at liberty to approach the Commission afresh on Cross Subsidy Surcharge & Additional Surcharge proposals, during this Financial Year, if they could assure 100% power supply to all*

3.2.22 Thus, it is axiomatic to state that the review filed subsequently in R.P.No.1 of 2014 is neither relevant nor appropriate as the said proceeding is solely confined to the review of the order in O.P.No.54 of 2013. Nothing precludes the Commission from entertaining the present proceedings as it has authority to decide whether DISCOMs had occasion to supply the power continuously for the remaining period of the said financial year. Nothing is placed on record to show that DISCOMs had not complied with the rider imposed by the then APERC. In teeth of absence of the material to that effect, the Commission is not inclined to conclude in any manner in favour of the stakeholder.

### **3.3 POWER SUPPLY POSITION AND OPEN ACCESS**

#### ***Stakeholder's Submissions***

- 3.3.1 The instant proceedings for fresh determination of CSS for the FY 2013-14 and FY 2014-15 is uncalled for in terms of the Hon'ble Supreme Court's judgement as well as Hon'ble APTEL's judgement and therefore is against the Law. Further, as per the above principles, the applicability of CSS during FY 2012-13 would only be for the period prior to 12.09.2012 i.e., period when the R&C measures were not in place. Therefore, it is requested that CSS for FY 2013-14 and FY 2014-15 need not be determined afresh.
- 3.3.2 In so far as the proposal/application of the DISCOMs for determination of Cross Subsidy Surcharges to be levied for FY 2014-15 is concerned, it is submitted that the said period also saw serious shortage of power which resulted in Power Holidays. The data clearly demonstrates the fact of power shortage and imposition of power holidays in FY 2014-15 which forced the stakeholders to source power at extremely high prices from Open Access Power Sources in order to run plant production. As such, any proposal to levy Cross Subsidy Surcharges for such sourcing of power from Open Access Power Sources shall be rejected as per the precedent set by the erstwhile APERC in their Order dated 13.08.2013, as described hereinabove.
- 3.3.3 In the light of the above, it is requested that the present proposal of the DISCOMs for determination of Cross Subsidy be disposed by holding that no CSS is payable for FY 2013-14 and FY 2014-15.
- 3.3.4 It is not clear from the proposals, whether the Commission has restricted to the territorial jurisdiction of DISCOMs before and after bifurcation. Also it is not clear whether the Commission has considered the Tariff Order numbers with respect to TSDISCOMs only when the Tariff Order is for both TS and AP DISCOMs.
- 3.3.5 The stakeholder has also submitted that the proposals are not based on the proposals of DISCOMs.

#### ***Commission's View:***

- 3.3.6 The erstwhile Commission has issued orders on R&C measures wherein levy of CSS and Additional Surcharge was exempted during R&C period. Hence,

the Commission directs the TSDISCOMs not to levy CSS during the period of R&C measures.

### **3.4 RETROSPECTIVE LEVY OF CSS**

#### ***Stakeholder's Submissions***

- 3.4.1 This Commission by its notice intends to determine CSS for the period 2005-06 to 2014-15, which is nothing but retrospective determination in as much as for the said period the DISCOMs have never claimed CSS nor has the Commission determined the same. The Commission has no power to determine any tariff, charges or surcharges with retrospective effect in respect of past periods.
- 3.4.2 These orders making retrospective determination were challenged before the Hon'ble High Court in W.P.No.21936 of 2018 & batch. The Hon'ble High Court while setting aside the orders of this Commission has granted liberty to the petitioners (objector) to participate in the present proceedings and issues raised on the writ petitions were kept at large, thereby allowing them to raise all and every possible objections.
- 3.4.3 The erstwhile APERC was approached by then DISCOMs for determination of CSS in O.P.No.5 of 2007 expressly for 2007-08 alone, in which the then Commission passed an Interim order dated 28.03.2007 continuing the previous rate of 2006-07 as an interim measure till it passed final order in the proceedings pending before it. Except this proceeding for FY 2007-08, there were no other proceedings for the later years i.e., 2008-09, 2009-10, 2010-11, 2011-12 and 2012-13. In the absence of which question of determining CSS for those years by way of independent process in the year 2017 alleged to be a Interlocutory Application (I.As.) in O.P.Nos.73, 74, 75, 76 and 77 of 2012 doesn't arise and such exercise is completely unknown to law and impermissible. Even otherwise such proceedings tantamount to retrospective determination of CSS, which is impermissible and the Commission has no power or jurisdiction to undertake such an exercise.
- 3.4.4 For FY 2014-15 after a lapse of three (3) years, the TGSPDCL has filed O.P.No.14 of 2017 for determination of CSS by filing a condonation of delay petition. Surprisingly, the Commission has condoned the delay and determined

the CSS for FY 2014-15, which is legally impermissible as it amounts to retrospective levy. Neither the provisions of the Electricity Act, 2003 nor any of the Regulations framed by the Commission empowers it to entertain the application after such inordinate delay amounting to retrospective determination.

- 3.4.5 Even otherwise, no reasons are assigned for condonation of such inordinate delay. The retrospective levy of CSS can have significant adverse effects on the industrial sentiment and reputation of State. CSS is a charge levied on Open Access consumers, primarily industries, to compensate DISCOMs for the revenue loss due to the provision of subsidized electricity to other consumer categories. Implementing this surcharge retrospectively can create uncertainty and financial strain on industries, affecting their perception of the state's business environment and investment attractiveness.
- 3.4.6 No retrospective wheeling charges should be levied or charged on consumers, in line with these proceedings of retrospective determination of CSS. This stance is strongly supported by the precedent set by the Hon'ble High Court of Telangana in its order dated 19.12.2023 in W.P.No.8252 of 2008 and others. The Hon'ble High Court unequivocally quashed the demand notices for CSS levied retrospectively, emphasizing that such actions are contrary to legal principles and regulatory orders.
- 3.4.7 The Hon'ble High Court highlighted that the imposition of these charges, without proper authority and justification, creates an undue financial burden on the consumers, which is both legally unsustainable and unfair. The principles outlined in the Hon'ble High Court decision should be adhered to, ensuring that consumers are not subjected to retrospective financial liabilities that disrupt their economic planning and operational stability.
- 3.4.8 The Commission has to consider actuals if the redetermination is done for FY 2005-06 and FY 2006-07 retrospectively. The erstwhile APERC has issued an interim order for FY 2007-08 which is also retrospective. The stakeholder has raised a question as to whether this Commission can redetermine the CSS of FY 2007-08 after ten (10) years in view of the fact that final order was not given in the matter of interim order for FY 2007-08. Since the public notice and



interim order for FY 2007-08 was only for that year, it cannot be applied for the remaining years.

3.4.9 The stakeholder also has submitted that CSS for FY 2008-09 to FY 2011-12 was determined by the Commission through *Suo Motu* proceedings.

3.4.10 Since there is no applicable tariff for FY 2014-15, the question arises as to how the CSS can be made applicable for FY 2014-15. Moreover when the CSS for FY 2013-14 is nil.

3.4.11 Determination of charges is quasi legislature in nature and can be only prospective not retrospective.

### **Commission's View**

3.4.12 The Commission is exercising its authority to determine the CSS. In fact the present proceeding is a remand proceeding and as such, the authority has been conferred by setting aside the original order passed by the Commission on 06.04.2018. Even this order came to be passed at the request upon filing of interlocutory and original applications by the TGDISCOMs and it was pursuant to the directions of the Hon'ble High Court for the State of Andhra Pradesh and State of Telangana by order dated 20.06.2016. The observations made by Hon'ble high Court in W.P.No.34215 of 2012 and batch are extracted below, whereby the writ petitioners have challenged orders of the then APERC which had determined the CSS for the FYs 2007-2008 to 2012-2013 vide orders dated 26.10.2012.

“2. The first respondent vide orders dated 26.10.2012 disposed of O.P.Nos.73 to 77 of 2012. The subject matter of these orders is determination of surcharge and additional surcharge under Sections 39, 40 and 42 of the Electricity Act, 2003 (for short 'the Act'). The OP's determine surcharge and additional surcharge, allegedly, payable by petitioners for the financial years 2008-09, 2009-10, 2010-11, 2011-12 and 2012-13.

3. As noted above, the petitioners are challenging the demand as well as orders passed by the first respondent. The prayer in W P.No.10130 of 2013 would comprehensively suffice as reference to prayers in these writ petitions:

“For the reasons stated in the accompanying affidavit, it is hereby that this Hon'ble Court may be pleased to issue a Writ, one in the nature of a Writ of Mandamus declaring the orders dated 26.10.2012 passed by the 1st respondent in O.P.No.73 to 77 of 2012 determining the surcharge and additional surcharge for FY 2007-08 to 2012-13 as arbitrary, illegal, contrary to the

*National Tariff Policy and provisions of Electricity Act, 2003 and to set aside the same, consequently and/or otherwise also declare the action of respondents 2 & 3 in levying and demanding Cross Subsidy Surcharge from the petitioner company on its generation by letters in Lr. No.SE/O/ELR/SAO/JAO/HT/D. No.862/12 dated 26-12-2012 for the financial year 2007-2008, Lr. No.SE/O/ELR/SAO/JAO/HT/D. No.863/12 dated 26-12-2012 for the financial year 2008-2009, Lr. No.SE/O/ELR/SAO/JAO/HT/D. No.864/12 dated 26-12-2012 for the financial year 2009-2010, Lr. No.SE/O/ELR/SAO/JAO/HT/D. No.865/12 dated 26-12-2012 for the financial year 2010-2011 and Lr. No.SE/O/ELR JSAO/JAO/HT/D. No.866/12 dated 26-12-2012 for the financial year 2011-2012 as being arbitrary, illegal and in violation of petitioners rights guaranteed under Art.14 & 19(1) (g) of the Constitution of India and consequently set aside the impugned demand notices issued by the 3rd respondent in Lr. No.SE/O/ELR/SAO/JAO/HT/D. No.862/12 dated 26-12-2012 for the financial year 2007-2008, Lr. No.SE/O/ELR/SAO/JAO/HT/D. No.863/12 dated 26-12-2012 for the financial year 2008-2009, Lr. No.SE/O/ELR/SAO/JAO/HT/D. No.864/12 dated 26.12.2012 for the financial year 2009-2010, Lr. No.SE/O/ELR JSAO/JAO/HT/D. No.865/12 dated 26-12-2012 for the financial year 2010-2011 and Lr. No.SE/O/ELR/SAO/JAO/HT/D. No.866/12 dated 26-12-2012 for the financial year 2011-2012 ... ..”*

4. *Learned counsel for the parties are admitting that the Civil Appeal Nos.4936 to 4941 of 2007, filed against order dated 05.07.2007 in Appeal Nos.169 to 172 of 2005 and O.P.Nos.248 and 249 of 2007, were heard and dismissed on 31.03.2016. This Court disposed of W P. No.26740 of 2012 and batch by order dated 27.04.2016 by taking note of order dated 31.03.2016 in Civil Appeal Nos.4936 to 4941 of 2007. The subject matter of those writ petitions is for the period 2015-16. Learned counsel consent to setting aside the orders impugned in the writ petitions and remit the matter back to first respondent for consideration on all legal and factual issues.*
5. *The submission of counsel is placed on record, the orders impugned in respective writ petitions are set aside and OP's are remitted to first respondent or Telangana State Electricity Regulatory Commission, as the case may be, for consideration afresh. All the legal and factual objections are at large and it is open to the parties to file appropriate additional pleadings in support of their case, if so advised and can canvass the matter before the first respondent.”*

3.4.13 Now pursuant to the directions of the Hon'ble High Court, necessary applications have been made by TGDISCOMs before the Commission. Following due process of law and after hearing all the stakeholders only the order dated 06.04.2018 had been passed by the Commission. However, subsequently, the Hon'ble High Court for the State of Telangana found fault with the order stating that no notice had been issued in terms of the Conduct of

Business Regulations, 2015. Accordingly by order dated 12.02.2020 remanded the matters back to the Commission for fresh disposal by giving opportunity to all the stakeholders. Having noticed the sequence of events, the averment or for that matter the contention that the Commission undertake retrospective determination of the CSS is without any basis and not based on the true portrayal of facts. In any case, this contention would survive for the reason that if at all it had to be taken it should have been taken in the objections to notice of the Commission at the earliest initiation of proceedings in the year 2017. Having not done so, it may not be appropriate to raise the issue at this point of time.

3.4.14 The next point that is for consideration is that levy of CSS for FY 2014-15 and it is alleged that there was no power supply upto mark with lot of load shedding. The Commission had considered not to grant relief owing to the reason that the restriction and control measures were in force for FY 2013-14. Therefore, the incumbent financial year also should be treated in a similar manner. The Commission is not inclined to accept this contention in the absence any concrete evidence of lack of supply effecting load shedding. Even otherwise, while passing the order on 13.08.2013 in O.P.No.54 of 2013, the Commission itself had given room for the DISCOMs to claim CSS as and when they could show that they effected power supply continuously. In the teeth of these facts, the Commission refuses to consider the plea of the stakeholder.

3.4.15 The next argument raised is in respect of the initiation of proceedings through interlocutory applications in the original petitions. It is trite to state that the stakeholders lost sight of the fact that original initiation was by the then APERC and those orders for which no proposals were filed were taken up *Suo Moto*. The Act, 2003 nowhere require proposals to come from DISCOMs on the contrary bestows a power define and levy the CSS. The interlocutory applications were indeed filed for bringing on record the disposal of the appeal filed by the Commission and undertake determination of CSS for the respective years as the orders were already adopted by the Commission and the same stood set aside by the Hon'ble High Court and remitted back to the Commission. Further to appreciate the matter two aspects need to be taken into consideration, firstly Section 42 which empowers the Commission and secondly the regulation notified by the Commission adopting orders passed by

erstwhile APERC. The Section 42 of the Electricity Act, 2003 is reproduced below:

“42. *Duties of distribution Licensee and open access:-*

(1) ... ..

(2) *The State Commission shall introduce open access in such phases and subject to such conditions, (including the cross subsidies, and other operational constraints) as may be specified within one year of the appointed date by it and in specifying the extent of open access in successive phases and in determining the charges for wheeling, it shall have due regard to all relevant factors including such cross subsidies, and other operational constraints:*

*Provided that such open access may be allowed before the cross subsidies are eliminated on payment of a surcharge in addition to the charges for wheeling as may be determined by the State Commission.”*

Now the Adoption Regulation No.1 of 2014 is extracted below:

*“All regulations, decisions directions or orders, all the licensees and practice directions issued by erstwhile Andhra Pradesh Electricity Regulatory Commission (Regulatory Commission for the States of Andhra Pradesh and Telangana) as in existence as on the date of constitution of the Telangana State Electricity Regulatory Commission and in force, shall mutatis mutandis apply in relation stakeholders in electricity in the State of Telangana including the Commission and shall come to have effect until duly altered, repealed or amended, any of Regulation by the Commission with effect from date of notification as per Notification issued by the Government of Telangana in G.O.Ms.3 Energy (Budget) Department, dt. 26-07-2014 constituting the Commission.”*

3.4.16 Thus, it is clear that the Commission is bound by the earlier orders and subsequently to take action as may be appropriate. In this case accordingly, in terms of upholding the authority of the Commission it has right to exercise the power to determine the CSS. Thus this argument of the stakeholders does not sustain.

3.4.17 The next argument that is set for consideration is with regard to levy of CSS for FY 2014 -15 beyond the period of limitation. Two reasons can be stated in support of the determination. One is the fact there was no determination due to dislocation and reconstitution of the regulatory set up in the respect of formation of new State of Telangana. The other aspect the Hon'ble Supreme Court in the matter of A.P. Power Coordination Committee Vs. M/s Lanco Kondapally Power Limited in C.A.Nos.6036 of 2012 & Batch had occasion to observe law of limitation would not per-se apply to regulatory exercise. In that view of the

matter the contention raised appears an afterthought which the Commission is not inclined to consider. In support of its understanding it would not be out of place to record the observations made by the Hon'ble Supreme Court which are extracted below:

30. *We have taken the aforesaid view to avoid injustice as well as possibility of discrimination. We have already extracted a part of paragraph 11 of the judgment in the case of State of Kerala v. V.R. Kalliyankutty (supra) wherein Court considered the matter also in the light of Article 14 of the Constitution. In that case the possibility of Article 14 being attracted against the statute was highlighted to justify a particular interpretation as already noted. It was also observed that it would be ironic if in the name of speedy recovery contemplated by the statute, a creditor is enabled to recover claims beyond the period of limitation. In this context, it would be fair to infer that the special adjudicatory role envisaged under Section 86(1)(f) also appears to be for speedy resolution so that a vital developmental factor – electricity and its supply is not adversely affected by delay in adjudication of even ordinary civil disputes by the Civil Court. Evidently, in absence of any reason or justification the legislature did not contemplate to enable a creditor who has allowed the period of limitation to set in, to recover such delayed claims through the Commission. Hence we hold that a claim coming before the Commission cannot be entertained or allowed if it is barred by limitation prescribed for an ordinary suit before the civil court. But in appropriate case, a specified period may be excluded on account of principle underlying salutary provisions like Section 5 or 14 of the Limitation Act. We must hasten to add here that such limitation upon the Commission on account of this decision would be only in respect of its judicial power under clause (f) of subsection (1) of Section 86 of the Electricity Act, 2003 and not in respect of its other powers or functions which may be administrative or regulatory. (emphasis supplied)*

3.4.18 Admittedly the present exercise is not an adjudicatory function and is regulatory function. The stakeholders seem to have lost sight of the fact that it was not proposed for the first time in the instant proceeding, but was filed in the year 2017 itself, when the filing was well within time and the Commission had passed order in respect of the said financial year also. The outer limitation period for the said financial year would be March, 2018. Thus, by all means the submissions of the stakeholders cannot be sustained.

3.4.19 The stakeholder appears to be misguided that levy of CSS would destroy the industrial environment and also result in financial issues. This argument has been repelled time and again by the constitutional courts in the country by pointing out that 'one who is seeking to do business should also face the risk of

levy of any charge by competent authorities'. Also, it is trite to state that the revenue from CSS is small amount derived from small set of stakeholders, and is a small fraction of the total revenue of the licensees. Moreover, pitted against larger interest of consumers, the claim of the stakeholders cannot be sustained that it will affect their financial and other interests. Thus this argument cannot be accepted.

3.4.20 The stakeholders submitted that the CSS proposed by the licensee for the FY 2007-08 on interim measure cannot be applied for the rest of the years. The stakeholders are either acting under misinformation or pleading ignorance for the sake of this proceeding, only to create a ground for such legal course of action. It is as if that the Commission would not realise the intention of the contentions raised by the stakeholders. The original interim order that was passed by APERC was a *Suo Moto* order and not based on any proposal of the licensees. Even though ordinarily the determination if any undertaken is based on a petition, the Act, 2003 does require or restrict decision making on determination of CSS only upon filing of petition, but also does not restrict initiation of CSS proceedings *Suo Moto*. Thus the then APERC initiated proceedings *Suo Moto*, which came to be remanded back by the Hon'ble High Court, as extracted supra, to the respective State Commission post bifurcation of the combined State. It is emphatically made clear that while initiating the present proceedings, all the required data for the respective years was not only placed on the website of the Commission, but also the same was forwarded to the individual stakeholders who have filed writ petitions before the Hon'ble High Court. Thus, it cannot be said that there was any procedural or legal lapse on part of the Commission as is sought to be alleged by the stakeholders.

3.4.21 The stakeholders appear to be under misinformation that there is no tariff for the year 2014-15. This is misnomer, as the Commission had extended the application of tariff applicable for FY 2013-14 until it passed a final order in the matter of determination of tariff for retail supply. This extension of tariff for retail supply as determined for FY 2013-14 continued to apply for FY 2014-15. Thus, it cannot be said that there is no tariff for FY 2014-15. The proceedings issue by the Commission in this regard is extracted below for better understanding:

*“As per Section 62 of the Electricity Act, 2003 and the Commission’s Regulations, the Andhra Pradesh Electricity Regulatory Commission stands ready to issue the following Tariff Orders to be operative from 01.04.2014.*

- i) Transmission Order on Transmission Charges for Transmission Business of APTransco.*
  - ii) Order on Annual Fee & Operating Charges of State Load Despatch Centre (SLDC) activity of APTransco.*
  - iii) Order on Wheeling Charging for Distribution Business of APDISCOMs*
  - iv) Retail Supply Tariff Order for Retail Supply Business of APDISCOMs.*
  - iv) Tariff Order for Rural Electric Cooperative Societies (RESCO)s*
  - v) Order on Cross Subsidy Surcharge & Additional Surcharge.*
  - vi) Order on Variable Costs for existing Non-Conventional Energy Projects.*
- 2) In letter No.APERC/Secy/EAS/S-96/Tariff Order/2014/2, dated 20.03.2014 the Commission requested Government under Section 65 of the Electricity Act, 2003, to confirm the level of subsidy they wish to provide to any consumer or class of consumers in the tariff determined by the State Commission under Section 62 of the said Act.*
  - 3) The Election Commission of India in its letter No 464/P-HP/2014, dated 28.02.2014 and Letter No.464/AP-HP/2014, dated 27.03.2014 has informed that the Model Code of Conduct is in force and the issue of tariff order by the Commission will require their prior concurrence.*
  - 4) The State Election Commission vide letter No.519/SEC-B1/2014, dated 21.03.2014 has directed that the Electricity Regulatory Commission shall not pass any tariff order as long as the Model Code of Conduct is in force in connection with on-going local body elections.*
  - 5) Government of Andhra Pradesh in its letter No.1248/Pr.II(1)/2014-1, dated 28.03.2014 from Energy (Pr.II) department, have informed that in view of the Model Code of Conduct being in force because of the on-going local body elections and the forth-coming General Elections, Government was unable to communicate any specific view on the subsidy support they wish to provide to the tariff proposal. Government have also stated that after the Model Code of Conduct ceases, Government would communicate their considered view point to the Commission.*
  - 6) In letter No.1248/Pr.II(1)/2014-1, dated 28.03.2014 from Energy (Pr.II) department, Government have further clarified that the present level of subsidy being provided by the State Government will continue to be provided after 01.04.2014, till the Government gives its response to the subsidy support for tariff proposal of 2014-15.*
  - 7) In view of the above circumstances, the Commission after careful consideration hereby orders that the existing tariffs in all the above cases shall continue from 01.04.2014 until further orders.”*

- 3.4.22 Thus, the submissions lack basis for consideration of the issue raised by the stakeholders.
- 3.4.23 Moreover, the CSS being 'nil' for FY 2013-14 cannot be applied to FY 2014-15, as there was no official restriction of power supply or load shedding allowed by the Commission. Thus merely because there was nil CSS for FY 2013-14, it cannot be said that it is axiomatic to apply the same finding for FY 2014-15. This submission of the stakeholders is really reprehensible in the teeth of the fact the tariff was made applicable as extracted above and there is no data much less any submission to the show to the contrary. Thus the contention is refused.
- 3.4.24 The last but not the least argument set out by the stakeholders is that determination of CSS is a quasi legislative exercise cannot be undertaken to give effect to it retrospectively. This argument appears to be correct in general cannons of law as when a law is made by any authority, it would come into force from the date of it being notified or a prospective date to be notified. However, a subtle distinction has to be drawn in this case.
- 3.4.25 The CSS which was originally decided in FY 2005-06 landed in appeal before the Hon'ble APTEL, consequently subsequent year also was under challenge. The matter was ultimately decided by the Hon'ble APTEL on 05.07.2008. Upon which further appeal has been filed before Hon'ble Supreme Court, which was ultimately dismissed on 31.03.2016. In the meantime the Commission had initiated proceedings for the subsequent years upto FY 2012-13 and passed order on 26.10.2012. These orders came to be challenged before the Hon'ble high Court as it then was. Later the Hon'ble High Court disposed of the writ petitions and directed the Commission to undertake fresh notice to all the stakeholders. Accordingly, this fact was brought to the notice of the Commission by the licensees through interlocutory applications filed by them. As such the then Commission initiated the proceedings for all the years from FY 2005-06 to FY 2014-15. A final order had been passed on 06.04.2018. Against this order writ petitions have been filed as extracted in the table supra. The Hon'ble High Court having admitted the writ petitions in the year 2018, disposed of about 45 matters by its common order dated 12.02.2020. Later a



few of the matters got disposed individually on respective dates. But still there is pendency of seventeen (17) writ petitions.

3.4.26 Owing to the chequered history of the litigation, it cannot be said that the principle of retrospectivity can be applied to the present proceedings. Had it been the case that the proceeding have been initiated by the Commission for the first time, yes, the argument of the stakeholder would have survived. At this point of time the stakeholders having brought matter to a grinding halt time and again, cannot now turn round and utter sermons about prospectivity against the Commission. Thus there is no case for the stakeholders to allege about prospectivity of the present proceedings, as this is the third round of the same exercise. The Commission is not inclined to buy the argument about the prospectivity of present quasi legislative exercise. Thus all the submissions raised considered to be fused as noted in the stakeholders comments.



## Chapter-4

### Analysis and Conclusion on determination of CSS for FY 2005-06 to FY 2014-15

#### 4.1 CROSS SUBSIDY SURCHARGE (CSS) FORMULA:

4.1.1 For computation of CSS for FYs 2005-15 the Commission has used the following formula for computation of CSS:

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

Where,

S is the surcharge;

T is the Tariff payable by the relevant category of consumers;

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

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

D is the wheeling charge;

4.1.2 Further, the same formula has been prescribed in the Tariff Policy dated 6<sup>th</sup> January 2006 for computation of CSS. The same has been upheld by Hon'ble APTEL in order dated 05.07.2007 in Appeal Nos.169 to 172 of 2005 and 248 & 249 of 2006.

#### 4.2 INCONSISTENCY IN INPUT NUMBERS CONSIDERED

##### ***Stakeholder's Submissions***

4.2.1 The Tariff 'T', weighted average cost of power purchase 'C', and Losses 'L' are input costs for determining the CSS. There are inconsistencies in the input numbers considered by the Commission in the Order dated 06.04.2018 and the proposal dated 09.05.2024. The Commission, in its common order, has relied on input numbers that contradict those proposed in the public notice. The input numbers used to determine the CSS must be examined specifically for CSS determination. This inconsistency has led to a significant variation between the CSS approved in the Common Order and the CSS proposed in the Public Notice.

4.2.2 The CSS calculations do not clearly reflect the background data used for arriving at the CSS. Stakeholders have the right to access this information and raise objections. It is suggested that if the Commission decides to proceed with the redetermination of CSS, stakeholders should be provided with complete data for analysis and objection submission. It is also noted that companies established before the Electricity Act, 2003, will not be within the scope of this order.

4.2.3 Another stakeholder has stated that as long as the applicable tariff has not changed, there is no need to recompute the CSS. The Commission does not need to recompute the CSS as APERC has already determined it. The stakeholder also referenced a case between Zinc Limited and Kerala SC, stating that the Commission has no jurisdiction over the order before it is constituted.

#### ***Commission's View***

4.2.4 The Commission has placed detailed information viz., consumer category wise Sales and Revenue at Annexures 1 (i) to 1(ix), details of stations, energy and power purchase cost of top 5% of the merit order despatch at Annexures 2 (i) to 2(ix), details of System Losses considered at Annexure 3 and details of wheeling charges at Annexure 4 . Further all the relevant background data of the Annexures are part of respective Tariff Orders and all the Tariff orders for the relevant years were also placed along with public notice. The inputs for the components viz., 'T' – Tariff payable by relevant category of consumers, 'C' Weighted average cost of top 5% at the margin excluding liquid fuel based generation and renewable power, 'L' System losses for the applicable voltage level in % and 'D' Wheeling charges are taken from the approved retail supply tariffs order, approved Wheeling tariffs order and approved Transmission Tariffs order for the respective years.

### **4.3 CONSIDERATION OF ACTUALS FOR COMPUTATION OF CSS**

#### ***Stakeholder's Submissions***

4.3.1 The Commission has to consider the actuals (in reference to the Audited Accounts) to determine the CSS each year of the period FY 2005-06 to FY 2014-15. The same is also in accordance with the CSS formula as prescribed in the Tariff Policy, 2006. It is further submitted that Regulation No.4 of 2005 does not restrict taking actuals for computation of CSS. Since the CSS was determined by erstwhile APERC and APERC has issued order on redetermination of CSS taking into account actuals, TGERC also should adopt the same methodology and consider actuals for redetermination of CSS. The stakeholder has also mentioned that Rajasthan ERC also has considered actuals for determination of CSS.

- 4.3.2 Another stakeholder has pointed out that the data to be considered for CSS determination cannot be from Audited Accounts but should come from DISCOMs and the same is to be verified by the Commission prudently.

***Commission's View***

- 4.3.3 As per Regulation 4 of 2005 (Terms and Conditions for Determination of Tariff for Wheeling and Retail Sale of Electricity), cost of power purchase is uncontrollable item, whereas revenue from sale of power is controllable item. Thus, the component 'C' in CSS formula is uncontrollable and component 'T' is controllable. The Commission opines that CSS has to be determined as per the approved values in line with the Regulation No.4 of 2005.

**4.4 COMPONENTS FOR COMPUTATION OF CSS**

**Component 'T' – Tariff payable by the relevant category of consumers**

***Stakeholder's Submissions***

- 4.4.1 Keeping in view the inherent disadvantage caused by historical infrastructural constraints leading to higher basic market rates despite a glut in certain neighbouring States and the need to provide affordable power at competitive rates to the manufacturing sector, cross subsidy need not be pegged at the ceiling rate of 20% tariff but at a much lower limit. For the purposes of calculation of CSS, the 'average tariff' i.e., 'T' shall be reckoned with respect to each individual industrial consumer. Alternately, the 'average tariff' i.e., 'T' shall be calculated considering load factor of 85% which is reflective of the prevalent load profile of HT-Industry category. Therefore, the Commission may approve CSS as per the rates suggested by them considering 10% of average tariff based on a load factor of 85%.
- 4.4.2 The 'average tariff' approved in the tariff order translates/assumes a significantly lower load factor for HT-Industry category. While this calls for a thorough prudence check on the part of the Commission, it also emphasizes the unfairness to industries which maintain high load factor. There is a direct relationship between load factor and average tariff i.e., as the load factor increases, the average tariff reduces. The lower load factor assumption to project average tariff has prejudiced the industrial consumers as it has led to higher CSS estimation. The lower load factor assumption is also not reflective of the consumption and load pattern of the industries in the State.

- 4.4.3 In the revised CSS filings of the Licensees, they have considered 'T' as average realization applicable instead of tariff applicable. 'T' should exclude demand charges as the open access consumers already pay minimum charges or MD charges whichever is higher. The same approach has been followed by APERC in the matter of determination of CSS for APDISCOMs (the appropriate Commission for the State of Telangana, erstwhile Andhra Pradesh)] for the period in contention till FY 2014-15 as mentioned in the order dated 19<sup>th</sup> November 2016, and it should be adopted by this Commission also. Accordingly, the TSDISCOMs should submit revised 'T' for computation of CSS.
- 4.4.4 With reference to 'T', Tariff Policy says tariff payable means average tariff and not realisation. The component 'T' should contain only energy charges as demand charges are unrelated to number of units. It is not clear as to what charges are considered for average revenue.

***Commission's View***

- 4.4.5 The Commission has computed TSDISCOM-wise, category-wise, voltage-wise 'T', i.e., per unit tariff (Rs./unit) realized from the relevant category of consumers, based on category-wise revenue anticipated from the approved sales at tariff determined for that category, divided by the approved sales, as per the Retail Supply Tariff (RST) Order. The Commission is of the view that the component 'T' should include demand charges, energy charges but exclude other tariff related charges and non-tariff income (since these charges are any way collected by the Licensees irrespective of open access). Hence, the Commission has computed 'T' by considering demand and energy charges only.

**Component 'C' – Weighted average cost of power purchase of top 5% at the margin excluding liquid fuel based generation and renewable power**

***Stakeholder's Submissions***

- 4.4.6 The Commission has considered 'C' based on the projected power purchase cost in accordance with RST Order for the respective year under the period FYs 2005-15. It is further mentioned that 'C' considered by the Commission is identical for both DISCOMs for any particular year.

4.4.7 The approach adopted by the Commission indicates that the power purchase cost is pooled and allocated amongst the DISCOMs. The stakeholder also reiterated that the power purchase cost 'C' must be considered on actuals so that the CSS be computed in a manner that closely resembles the level of cross-subsidy.

4.4.8 With reference to component 'C', there is no clarity whether dispatch considered is as per Retail Supply Tariff Order or Actuals. The interstate transmission charges are to be considered in power purchase cost and not under distribution charges.

***Commission's View***

4.4.9 The power purchase agreements (PPAs) entered with the generating entities by the DISCOMs are common and hence the power purchase cost 'C' has been considered identical for the DISCOMs. The Commission has considered Weighted Average Cost of Power Purchase of Top 5% at the Margin excluding Liquid Fuel based generation and Renewable Power as approved in the Tariff Orders for relevant years i.e. 'C'.

**Component 'L' – System losses for the applicable voltage level expressed as a percentage**

***Stakeholder's Submissions***

4.4.10 No objections/suggestion from the stakeholders.

***Commission's View***

4.4.11 The Commission has considered the system losses up to the applicable voltage level i.e., 'L' for computation of CSS.

**Component 'D' – Wheeling charge**

***Stakeholder's Submissions***

4.4.12 The Commission has incorrectly considered 'D' (Wheeling Charges) in respect of distribution wheeling charges, wheeling charges in respect of a consumer connected at 11 kV would include wheeling charges limited to 33 kV, 11 kV voltage levels only. The Commission has completely disregarded the voltage levels of 132 kV and above which is also being utilized for wheeling of electricity from generating source to a consumption point.

### Commission's View

4.4.13 'D' stands for Wheeling Charges. Hence the Commission has computed the wheeling charges upto the voltage level of the category (LT, 11 kV and 33 kV) and for voltage level 132 kV and above transmission charges are considered as 'D'.

### 4.5 COMPUTATION OF CSS FOR FY 2005-06 TO FY 2014-15

#### For FY 2005-06:

4.5.1 The Commission has considered following category-wise sales, revenue and average revenue realization approved in the Retail Supply Tariff Order for FY 2005-06 for both TGSPDCL and TGNPDCL.

**Table 4.1: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2005-06**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-I Domestic	3,175.03	815.74	2.57	1,244.88	257.42	2.07
LT-II Non-Domestic/Commercial	929.08	533.24	5.74	217.12	119.67	5.51
LT-III Industrial	910.26	399.83	4.39	264.47	118.24	4.47
LT-IV Cottage Industry and Dhobi Ghats	18.73	3.86	2.06	4.38	0.86	1.96
LT-V Agriculture	5,453.06	35.56	0.07	2,908.41	13.74	0.05
LT-VI Local Bodies, Street Lighting/ PWS Scheme	576.67	110.47	1.92	236.63	30.49	1.29
LT-VII General Purpose	43.60	17.44	4.00	13.94	5.58	4.00
LT-VIII Temporary Supply	3.36	2.08	6.20	1.05	0.65	6.20
HT-I Industrial						
11 kV	1,975.58	755.92	3.83	90.69	39.06	4.31
33 kV	1,328.45	509.79	3.84	53.11	21.88	4.12
132 kV and above	895.55	338.14	3.78	642.24	245.11	3.82
HT-II Others						
11 kV	477.24	249.75	5.23	38.08	19.65	5.16
33 kV	105.99	55.69	5.25	0.92	0.45	4.91
132 kV and above	28.12	15.47	5.50	2.64	3.09	11.70
HT-IV Irrigation and Agriculture	152.25	25.90	1.70	18.00	3.20	1.78
HT-V Railway Traction	90.25	39.71	4.40	299.00	131.56	4.40
HT-VI Townships/Colonies	68.53	23.99	3.50	84.89	29.71	3.50
HT-Temporary Supply	1.76	0.92	5.25	-	-	0.00

4.5.2 The Commission has considered weighted power purchase cost of top 5% at the margin excluding liquid fuel-based generation and renewable power approved in the Retail Supply Tariff Order for FY 2005-06 for both TGSPDCL and TGNPDCL which is as shown below:

**Table 4.2: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2005-06**

<b>Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU</b>			<b>46569.70</b>
<b>Top 5% at the margin excluding liquid fuel based generation and renewable power in MU</b>			<b>2328.48</b>
<b>Station Name</b>	<b>Despatch (MU)</b>	<b>PP Cost (Rs Cr)</b>	<b>PP cost (Rs/kWh)</b>
Kondapalli	351.45	110.53	3.14
APGPCL Station II	319.94	61.43	1.92
NLC-I	396.37	97.39	2.46
NLC-II	594.97	162.44	2.73
RTPP	561.39	305.54	5.44
APGPCL Station I	104.37	23.50	2.25
Top 5% at the margin excluding liquid fuel based generation and renewable power	2328.48	760.83	3.27
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>3.27</b>

- 4.5.3 The Commission has considered the system losses up to each voltage level which are arrived based on the wheeling losses and transmission losses approved in Tariff Order 2005-06, dated 22.03.2005 which are as shown below:

**Table 4.3: System Losses for the applicable voltage level in % (L) for FY 2005-06**

<b>Voltage level</b>	<b>TGSPDCL</b>	<b>TGNPDCL</b>
<b>Approved losses as per Tariff Orders</b>		
132 kV and above	5.00	5.00
Upto 33 kV	5.78	6.07
Upto 11 kV	12.28	12.90
LT	20.50	23.05
<b>Losses calculated upto respective voltage level</b>		
132 kV and above	5.00	5.00
Upto 33 kV	10.49	10.77
Upto 11 kV	16.67	17.26
LT	24.48	26.90

- 4.5.4 The Commission has considered the wheeling charges and transmission charges as approved in Tariff Order 2005-06, dated 22.03.2005 which are as shown below:

**Table 4.4: Wheeling Charges (D) for FY 2005-06**

<b>Voltage</b>	<b>TGSPDCL</b>		<b>TGNPDCL</b>	
	<b>Rs./kW/month</b>	<b>Rs./kWh</b>	<b>Rs./kW/month</b>	<b>Rs./kWh</b>
132 kV and above	69.25	0.11	69.25	0.11
33 kV		0.46		0.60
11 kV		0.46		0.60
LT		0.46		0.60



4.5.5 Hon'ble APTEL in appeal Nos. 169,170,171,172 of 2005 & 248 and 249 of 2006 in its order dated 05-07-2007 in Para 42 has opined that the Surcharge Formula needs to be adopted so that the consumer is not burdened with unreasonable cross subsidy surcharge and at the same time the interest of the distribution licensee are taken care of. It was also stated that even dehors the Tariff Policy, the Surcharge Formula needs to be adopted as it is more in tune with the object of the Act.

The relevant paragraph is extracted below:

*It appears to us that the Embedded Cost Method as adopted by the Commission shackles open access since the consumer will not be able to buy power from sources other than the distribution licensee of their area of supply. In case surcharge is worked out in the manner computed by the Commission, the consumer will have to pay more in case it wishes to utilize open access from sources other than the distribution licensee. On the other hand in case the Surcharge Formula as prescribed by the Tariff Policy is employed, the consumer is not burdened with unreasonable cross subsidy surcharge and at the same time the interest of the distribution licensee are taken care of. Therefore, we are of the view that the APERC has not applied the appropriate principle for determining cross subsidy surcharge. We find that the formula for calculating surcharge given in the Tariff Policy is in tune with the spirit of the Electricity Act and must be adopted and followed by the APERC and all the Regulatory Commissions. Even dehors the Tariff Policy, the Surcharge Formula needs to be adopted as we find that it is more in tune with the object of the Act than the Embedded Cost Method as adopted by the APERC.*

4.5.6 In view of the above the Commission has adopted the formula,  $S = T - [C(1+L/100) + D]$  for FY 2005-06 for computation of CSS applicable to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2005-06 as shown below:

**Table 4.5: Approved CSS for FY 2005-06**

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T - (C \times (1 + L/100) + D)$
<b>TGSPDCL</b>					

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T-(Cx(1+L/100)+D)$
LT-I Domestic	2.57	3.27	24.48	0.46	0.00
LT-II Non-Domestic/Commercial	5.74	3.27	24.48	0.46	1.21
LT-III Industrial	4.39	3.27	24.48	0.46	0.00
LT-IV Cottage Industry and Dhobi Ghats	2.06	3.27	24.48	0.46	0.00
LT-V Agriculture	0.07	3.27	24.48	0.46	0.00
LT-VI Local Bodies, Street Lighting/ PWS Scheme	1.92	3.27	24.48	0.46	0.00
LT-VII General Purpose	4.00	3.27	24.48	0.46	0.00
LT-VIII Temporary Supply	6.20	3.27	24.48	0.46	1.67
HT-I Industrial					
11 kV	3.83	3.27	16.67	0.46	0.00
33 kV	3.84	3.27	10.49	0.46	0.00
132 kV and above	3.78	3.27	5.00	0.11	0.24
HT-II Others					
11 kV	5.23	3.27	16.67	0.46	0.96
33 kV	5.25	3.27	10.49	0.46	1.18
132 kV and above	5.50	3.27	5.00	0.11	1.96
HT-IV Irrigation and Agriculture (132 kV and above)	1.70	3.27	5.00	0.11	0.00
HT-V Railway Traction 132 kV and above	4.40	3.27	5.00	0.11	0.86
HT-VI Townships/Colonies (11 kV)	3.50	3.27	16.67	0.46	0.00
HT-Temporary Supply (11 kV)	5.25	3.27	16.67	0.46	0.98
<b>TGNPDCL</b>					
LT-I Domestic	2.07	3.27	26.90	0.60	0.00
LT-II Non-Domestic/Commercial	5.51	3.27	26.90	0.60	0.77
LT-III Industrial	4.47	3.27	26.90	0.60	0.00
LT-IV Cottage Industry and Dhobi Ghats	1.96	3.27	26.90	0.60	0.00
LT-V Agriculture	0.05	3.27	26.90	0.60	0.00
LT-VI Local Bodies, Street Lighting/ PWS Scheme	1.29	3.27	26.90	0.60	0.00
LT-VII General Purpose	4.00	3.27	26.90	0.60	0.00
LT-VIII Temporary Supply	6.20	3.27	26.90	0.60	1.45
HT-I Industrial					
11 kV	4.31	3.27	17.26	0.60	0.00
33 kV	4.12	3.27	10.77	0.60	0.00
132 kV and above	3.82	3.27	5.00	0.11	0.28
HT-II Others					
11 kV	5.16	3.27	17.26	0.60	0.73
33 kV	4.91	3.27	10.77	0.60	0.69
132 kV and above	11.70	3.27	5.00	0.11	8.16
HT-IV Irrigation and Agriculture (132 kV and above)	1.78	3.27	5.00	0.11	0.00
HT-V Railway Traction 132 kV and above	4.40	3.27	5.00	0.11	0.86
HT-VI Townships/Colonies (11 kV)	3.50	3.27	17.26	0.60	0.00
HT-Temporary Supply (11 kV)	0.00	3.27	17.26	0.60	0.00

### **FY 2006-07:**

- 4.5.7 The Commission has considered following category-wise sales, revenue and average revenue realization approved in the Retail Supply Tariff Order for FY 2006-07 for both TGSPDCL and TGNPDCL.

**Table 4.6: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2006-07**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-I Domestic	3,558.12	914.16	2.57	1,410.95	291.76	2.07
LT-II Non-Domestic/Commercial	1,113.70	641.53	5.76	254.25	139.85	5.50
LT-III Industrial	994.46	419.46	4.22	243.51	113.78	4.67
LT-IV Cottage Industries and Dhobi Ghats	13.86	2.74	1.98	4.38	0.91	2.08
LT-V Agriculture	5,938.00	11.32	0.02	2,909.06	13.50	0.05
LT-VI Local Bodies-Street Lighting/PWS Schemes	555.51	101.57	1.83	252.17	32.40	1.28
LT-VII General Purpose	48.03	19.21	4.00	15.53	6.21	4.00
LT-VIII Temporary Supply	2.63	1.63	6.20	0.10	0.06	6.20
HT-I Industrial						
11 kV	1,936.72	770.81	3.98	86.93	38.61	4.44
33 kV	1,815.66	679.83	3.74	69.07	25.76	3.73
132 kV and above	1,640.61	536.77	3.27	612.48	213.72	3.49
Ferro Alloys	300.00	76.50	2.55	-	-	
HT-II Non-Industrial						
11 kV	585.78	309.84	5.29	46.50	24.70	5.31
33 kV	155.29	74.46	4.79	0.77	0.35	4.54
132 kV and above	32.93	14.03	4.26	3.15	3.81	12.08
HT-IV Irrigation and Agriculture	238.81	49.27	2.06	156.00	23.87	1.53
HT-V Railway Traction	88.05	37.65	4.28	295.67	122.98	4.16
HT-VI Townships/Colonies	66.66	23.33	3.50	148.62	52.02	3.50
HT-Temporary Supply	-	-	0.00	-	-	0.00

- 4.5.8 The Commission has considered weighted power purchase cost of top 5% at the margin excluding liquid fuel-based generation and renewable power approved in the Retail Supply Tariff Order for FY 2006-07 for both TGSPDCL and TGNPDCL which is as shown below:

**Table 4.7: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2006-07**

<b>Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU</b>			<b>52167.92</b>
<b>Top 5% at the margin excluding liquid fuel based generation and renewable power in MU</b>			<b>2608.40</b>
<b>Station Name</b>	<b>Despatch (MU)</b>	<b>PP Cost (Rs Cr)</b>	<b>PP cost (Rs/kWh)</b>
Kondapalli	2273.25	588.77	2.59
Srivathsa	39.48	18.91	4.79
RTPP	295.67	63.15	2.14
Top 5% at the margin excluding liquid fuel based generation and renewable power	2608.40	670.83	2.57
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>2.57</b>

- 4.5.9 The Commission has considered the system losses up to each voltage level which are arrived based on the wheeling losses and transmission losses approved in Tariff order on Distribution Business for the period 2006-07 to 2008-09, dated 27.03.2006 and Transmission Tariff Order for the period 2006-07 to 2008-09, dated 22.03.2006 which are as shown below:

**Table 4.8: System Losses for the applicable voltage level in % (L) for FY 2006-07**

Voltage level	TGSPDCL	TGNPDCL
<b>Approved losses as per Tariff Orders</b>		
132 kV and above	4.45	4.45
Upto 33 kV	4.21	5.45
Upto 11 kV	7.44	6.29
LT	12.44	11.11
<b>Losses calculated upto respective voltage level</b>		
132 kV and above	4.45	4.45
Upto 33 kV	8.47	9.66
Upto 11 kV	15.28	15.34
LT	25.82	24.75

4.5.10 The Commission has considered the wheeling charges and transmission charges as approved in Tariff order on Distribution Business for the period 2006-07 to 2008-09, dated 27.03.2006 and Transmission Tariff for the period 2006-07 to 2008-09, dated 22.03.2006 which are as shown below:

**Table 4.9: Wheeling Charges (D) for FY 2006-07**

Voltage	TGSPDCL		TGNPDCL	
	Rs./kW/month	Rs./kWh	Rs./kW/month	Rs./kWh
132 kV and above	42.60	0.07	42.60	0.07
	Rs./kVA/month	Rs./kWh	Rs./kVA/month	Rs./kWh
33 kV	32.70	0.06	23.49	0.04
11 kV	91.02	0.17	85.94	0.16
LT	126.44	0.23	185.52	0.34

4.5.11 Based on the above parameters the Commission has determined the CSS for FY 2006-07 with the formula specified in Tariff Policy, 2006 applicable to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2006-07 as shown below:

**Table 4.10: Approved CSS for FY 2006-07**

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	T	C	L	D	$T-(C \times (1+L/100) + D)$
<b>TGSPDCL</b>					
LT-I Domestic	2.57	2.57	25.82	0.23	0.00
LT-II Non-Domestic/Commercial	5.76	2.57	25.82	0.23	2.29
LT-III Industrial	4.22	2.57	25.82	0.23	0.75
LT-IV Cottage Industries and Dhobi Ghats	1.98	2.57	25.82	0.23	0.00
LT-V Agriculture	0.02	2.57	25.82	0.23	0.00
LT-VI Local Bodies-Street Lighting/PWS Schemes	1.83	2.57	25.82	0.23	0.00
LT-VII General Purpose	4.00	2.57	25.82	0.23	0.53
LT-VIII Temporary Supply	6.20	2.57	25.82	0.23	2.73
HT-I Industrial					

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T-(Cx(1+L/100)+D)$
11 kV	3.98	2.57	15.28	0.17	0.85
33 kV	3.74	2.57	8.47	0.06	0.89
132 kV and above	3.27	2.57	4.45	0.07	0.52
Ferro Alloys (11 kV)	2.55	2.57	15.28	0.17	0.00
<b>HT-II Non-Industrial</b>					
11 kV	5.29	2.57	15.28	0.17	2.16
33 kV	4.79	2.57	8.47	0.06	1.95
132 kV and above	4.26	2.57	4.45	0.07	1.51
HT-IV Irrigation and Agriculture (132 kV and above)	2.06	2.57	4.45	0.07	0.00
HT-V Railway Traction 132 kV and above	4.28	2.57	4.45	0.07	1.52
HT-VI Townships/Colonies (11 kV)	3.50	2.57	15.28	0.17	0.37
HT-Temporary Supply (11 kV)	0.00	2.57	15.28	0.17	0.00
<b>TGNPDCL</b>					
LT-I Domestic	2.07	2.57	24.75	0.34	0.00
LT-II Non-Domestic/Commercial	5.50	2.57	24.75	0.34	1.95
LT-III Industrial	4.67	2.57	24.75	0.34	1.13
LT-IV Cottage Industries and Dhobi Ghats	2.08	2.57	24.75	0.34	0.00
LT-V Agriculture	0.05	2.57	24.75	0.34	0.00
LT-VI Local Bodies-Street Lighting/PWS Schemes	1.28	2.57	24.75	0.34	0.00
LT-VII General Purpose	4.00	2.57	24.75	0.34	0.45
LT-VIII Temporary Supply	6.20	2.57	24.75	0.34	2.65
<b>HT-I Industrial</b>					
11 kV	4.44	2.57	15.34	0.16	1.32
33 kV	3.73	2.57	9.66	0.04	0.87
132 kV and above	3.49	2.57	4.45	0.07	0.74
Ferro Alloys (132 kV and above)	2.55	2.57	15.34	0.07	0.00
<b>HT-II Non-Industrial</b>					
11 kV	5.31	2.57	15.34	0.16	2.19
33 kV	4.54	2.57	9.66	0.04	1.68
132 kV and above	12.08	2.57	4.45	0.07	9.33
HT-IV Irrigation and Agriculture (132 kV and above)	1.53	2.57	4.45	0.07	0.00
HT-V Railway Traction	4.16	2.57	4.45	0.07	1.41
HT-VI Townships/Colonies (11 kV)	3.50	2.57	15.34	0.16	0.38
HT-Temporary Supply (11 kV)	0.00	2.57	15.34	0.16	0.00

#### **FY 2007-08:**

- 4.5.12 The Commission has considered following category-wise sales, revenue and average revenue realization approved in the Retail Supply Tariff Order for FY 2007-08 for both TGSPDCL and TGNPDCL.

**Table 4.11: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2007-08**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-I Domestic	3,694.12	933.58	2.53	1,385.33	285.36	2.06
LT-II Non-Domestic/Commercial	1,161.56	668.31	5.75	262.22	141.57	5.40
LT-III (A&B) Industrial	1,113.05	477.74	4.29	271.48	123.96	4.57

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-IV Cottage Industries and Dhobighats	14.54	2.88	1.98	5.39	1.03	1.91
LT-V (A&B) Agricultural	5,938.00	11.32	0.02	2,909.06	6.76	0.02
LT-VI (A&B) Local Bodies - Street Lighting/PWS Schemes	403.00	76.01	1.89	269.92	40.06	1.48
LT-VII General Purpose	49.00	19.60	4.00	18.00	7.20	4.00
LT-VIII Temporary Supply	9.00	5.58	6.20	0.15	0.09	6.20
HT-I Industrial						
11 kV	2,098.77	787.45	3.75	159.62	62.24	3.90
33 kV	2,472.88	873.98	3.53	86.84	31.10	3.58
132 kV and above	1,435.30	447.12	3.12	599.91	200.18	3.34
Ferro Alloys	232.00	59.16			-	
HT-II Non-Industrial/Industry Others						
11 kV	713.69	373.69	5.24	52.12	26.91	5.16
33 kV	218.65	112.05	5.12	0.61	0.24	3.90
132 kV and above	36.64	16.37	4.47	2.40	3.28	13.65
HT-IV(A&B) Irrigation and Agriculture	214.16	50.54	2.36	74.67	17.62	2.36
HT-V Railway Traction	89.46	36.68	4.10	332.40	136.29	4.10
HT-VI Townships and Residential Colonies	67.00	23.45	3.50	141.06	49.35	3.50
HT-Temporary Supply	-	-	0.00	-	-	0.00

4.5.13 The Commission has considered weighted power purchase cost of top 5% at the margin excluding liquid fuel-based generation and renewable power approved in the Retail Supply Tariff Order for FY 2007-08 for both TGSPDCL and TGNPDCL which is as shown below:

**Table 4.12: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2007-08**

Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU			52723.97
Top 5% at the margin excluding liquid fuel based generation and renewable power in MU			2636.20
Station Name	Despatch (MU)	PP Cost (Rs Cr)	PP cost (Rs/kWh)
RTPP Stage II	1854.73	570.79	3.08
RTPP I	781.47	169.06	2.16
Top 5% at the margin excluding liquid fuel based generation and renewable power	2636.20	739.86	2.81
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>2.81</b>

4.5.14 The Commission has considered the system losses up to each voltage level which are arrived based on the wheeling losses and transmission losses approved in Tariff order on Distribution Business for the period 2006-07 to 2008-09, dated 27.03.2006 and Transmission Tariff Order for the period 2006-07 to 2008-09, dated 22.03.2006 which are as shown below:

**Table 4.13: System Losses for the applicable voltage level in % (L) for FY 2007-08**

Voltage level	TGSPDCL	TGNPDCL
<b>Approved losses as per Tariff Orders</b>		
132 kV and above	4.30	4.30
Upto 33 kV	4.00	5.18
Upto 11 kV	7.04	5.21
LT	11.00	10.10
<b>Losses calculated upto respective voltage level</b>		
132 kV and above	4.30	4.30
Upto 33 kV	8.13	9.26
Upto 11 kV	14.60	13.98
LT	23.99	22.67

4.5.15 The Commission has considered the wheeling charges and transmission charges as approved in Tariff order on Distribution Business for the period 2006-07 to 2008-09, dated 27.03.2006 and Transmission Tariff Order for the period 2006-07 to 2008-09, dated 22.03.2006 which are as shown below:

**Table 4.14: Wheeling Charges (D) for FY 2007-08**

Voltage	TGSPDCL		TGNPDCL	
	Rs./kW/month	Rs./kWh	Rs./kW/month	Rs./kWh
132 kV and above	44.62	0.07	44.62	0.07
	Rs./kVA/month	Rs./kWh	Rs./kVA/month	Rs./kWh
33 kV	33.05	0.06	23.86	0.04
11 kV	92.51	0.17	87.31	0.16
LT	129.18	0.24	188.44	0.34

4.5.16 Based on the above parameters the Commission has determined the CSS for FY 2007-08 with the formula specified in Tariff Policy, 2006 applicable to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2007-08 as shown below:

**Table 4.15: Approved CSS for FY 2007-08**

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/kWh	CSS (Rs/kWh)
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T-(Cx(1+L/100)+D)$
<b>TGSPDCL</b>					
LT-I Domestic	2.53	2.81	23.99	0.24	0.00
LT-II Non-Domestic/Commercial	5.75	2.81	23.99	0.24	2.04
LT-III (A&B) Industrial	4.29	2.81	23.99	0.24	0.58
LT-IV Cottage Industries and Dhobighats	1.98	2.81	23.99	0.24	0.00
LT-V (A&B) Agricultural	0.02	2.81	23.99	0.24	0.00
LT-VI (A&B) Local Bodies - Street Lighting/PWS Schemes	1.89	2.81	23.99	0.24	0.00
LT-VII General Purpose	4.00	2.81	23.99	0.24	0.28
LT-VIII Temporary Supply	6.20	2.81	23.99	0.24	2.48
HT-I Industrial					
11 kV	3.75	2.81	14.60	0.17	0.37

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T-(Cx(1+L/100)+D)$
33 kV	3.53	2.81	8.13	0.06	0.44
132 kV and above	3.12	2.81	4.30	0.07	0.12
Ferro Alloys (11 kV)	2.55	2.81	4.30	0.07	0.00
HT-II Non-Industrial/Industry Others					
11 kV	5.24	2.81	14.60	0.17	1.85
33 kV	5.12	2.81	8.13	0.06	2.03
132 kV and above	4.47	2.81	4.30	0.07	1.47
HT-IV(A&B) Irrigation and Agriculture (132 kV and above)	2.36	2.81	4.30	0.07	0.00
HT-V Railway Traction 132 kV and above	4.10	2.81	4.30	0.07	1.10
HT-VI Townships and Residential Colonies (11 kV)	3.50	2.81	14.60	0.17	0.11
HT-Temporary Supply (11 kV)	0.00	2.81	14.60	0.17	0.00
<b>TGNPDCL</b>					
LT-I Domestic	2.06	2.81	22.67	0.34	0.00
LT-II Non-Domestic/Commercial	5.40	2.81	22.67	0.34	1.61
LT-III (A&B) Industrial	4.57	2.81	22.67	0.34	0.78
LT-IV Cottage Industries and Dhobighats	1.91	2.81	22.67	0.34	0.00
LT-V (A&B) Agricultural	0.02	2.81	22.67	0.34	0.00
LT-VI (A&B) Local Bodies - Street Lighting/PWS Schemes	1.48	2.81	22.67	0.34	0.00
LT-VII General Purpose	4.00	2.81	22.67	0.34	0.21
LT-VIII Temporary Supply	6.20	2.81	22.67	0.34	2.41
HT-I Non-Industrial/Industry Others					
11 kV	3.90	2.81	13.98	0.16	0.54
33 kV	3.58	2.81	9.26	0.04	0.47
132 kV and above	3.34	2.81	4.30	0.07	0.34
Ferro Alloys (132 kV & above)	0.00	2.81	4.30	0.07	0.00
HT-II Industry Others					
11 kV	5.16	2.81	13.98	0.16	1.80
33 kV	3.90	2.81	9.26	0.04	0.79
132 kV and above	13.65	2.81	4.30	0.07	10.65
HT-IV(A&B) Irrigation and Agriculture (132 kV and above)	2.36	2.81	4.30	0.07	0.00
HT-V Railway Traction	4.10	2.81	4.30	0.07	1.10
HT-Townships and Residential Colonies (11 kV)	3.50	2.81	13.98	0.16	0.14
HT-Temporary Supply (11 kV)	0.00	2.81	13.98	0.16	0.00

#### **FY 2008-09:**

- 4.5.17 The Commission has considered following category-wise sales, revenue and average revenue realization approved in the Retail Supply Tariff Order for FY 2008-09 for both TGSPDCL and TGNPDCL.

**Table 4.16: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2008-09**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-I Domestic	4,701.08	1,180.85	2.51	1,562.87	317.52	2.03
LT-II Non-Domestic and Commercial	1,522.81	884.30	5.81	313.72	176.77	5.63



Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-III (A&B) Industrial	1,220.45	468.67	3.84	345.91	131.87	3.81
LT-IV Cottage Industries and Dhobighats	16.41	2.95	1.80	6.29	1.13	1.80
LT-V (A&B) Agricultural	5,938.00	11.32	0.02	2,909.06	10.87	0.04
LT-VI (A&B) Local Bodies, Street Lighting and PWS Schemes	442.13	104.65	2.37	279.45	37.02	1.32
LT-VII General Purpose	54.89	21.96	4.00	22.64	9.05	4.00
LT-VIII Temporary Supply	7.78	4.82	6.20	-	-	0.00
HT-I Industrial						
11 kV	2,309.15	920.99	3.99	175.37	70.64	4.03
33 kV	3,205.06	1,168.08	3.64	103.71	37.77	3.64
132 kV and above	1,860.91	618.39	3.32	628.15	209.03	3.33
Ferro Alloys	249.10	63.52	2.55	-	-	
HT-II Non-Industrial/Industry Others						
11 kV	942.42	492.15	5.22	57.41	28.94	5.04
33 kV	343.53	165.17	4.81	0.81	0.38	4.66
132 kV and above	53.64	26.22	4.89	2.40	2.80	11.65
HT-IV(A&B) Irrigation and Agriculture	838.78	188.23	2.24	476.78	108.10	2.27
HT-V Railway Traction	94.91	38.91	4.10	314.73	129.04	4.10
HT-VI Townships and Residential Colonies	88.61	31.01	3.50	133.39	46.69	3.50
HT-Temporary Supply	10.80	5.67	5.25	-	16.54	0.00

4.5.18 The Commission has considered weighted power purchase cost of top 5% at the margin excluding liquid fuel-based generation and renewable power approved in the Retail Supply Tariff Order for FY 2008-09 for both TGSPDCL and TGNPDCL which is as shown below:

**Table 4.17: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2008-09**

<b>Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU</b>			<b>59021.00</b>
<b>Top 5% at the margin excluding liquid fuel based generation and renewable power in MU</b>			<b>2951.05</b>
<b>Station Name</b>	<b>Despatch (MU)</b>	<b>PP Cost (Rs Cr)</b>	<b>PP cost (Rs/kWh)</b>
Vemagiri	328.05	82.34	2.51
GVK Extension	263.00	66.01	2.51
Gautami	456.00	115.55	2.53
Konaseema	235.00	72.84	3.10
RTPP I	1669.00	427.33	2.56
Top 5% at the margin excluding liquid fuel based generation and renewable power	2951.05	764.08	2.59
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>2.59</b>

4.5.19 The Commission has considered the system losses up to each voltage level which are arrived based on the wheeling losses and transmission losses approved in Tariff order on Distribution Business for the period 2006-07 to 2008-09, dated 27.03.2006 and Transmission Tariff Order for the period 2006-07 to 2008-09, dated 22.03.2006 which are as shown below:

**Table 4.18: System Losses for the applicable voltage level in % (L) for FY 2008-09**

Voltage level	TGSPDCL	TGNPDCL
<b>Approved losses as per Tariff Orders</b>		
132 kV and above	4.20	4.20
Upto 33 kV	3.81	4.92
Upto 11 kV	6.70	5.65
LT	10.40	8.92
<b>Losses calculated upto respective voltage level</b>		
132 kV and above	4.20	4.20
Upto 33 kV	7.85	8.91
Upto 11 kV	14.02	14.06
LT	22.97	21.73

4.5.20 The Commission has considered the wheeling charges and transmission charges as approved in Tariff order on Distribution Business for the period 2006-07 to 2008-09, dated 27.03.2006 and Transmission Tariff Order for the period 2006-07 to 2008-09, dated 22.03.2006 which are as shown below:

**Table 4.19: Wheeling Charges (D) for FY 2008-09**

Voltage	TGSPDCL		TGNPDCL	
	Rs./kW/month	Rs./kWh	Rs./kW/month	Rs./kWh
132 kV and above	38.91	0.06	38.91	0.06
	Rs./kVA/month	Rs./kWh	Rs./kVA/month	Rs./kWh
33 kV	32.77	0.06	24.65	0.05
11 kV	92.52	0.17	90.20	0.16
LT	130.37	0.24	194.61	0.36

4.5.21 Based on the above parameters the Commission has determined the CSS for FY 2008-09 with the formula specified in Tariff Policy, 2006 applicable to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2008-09 as shown below:

**Table 4.20: Approved CSS for FY 2008-09**

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/kWh	CSS (Rs/kWh)	
	T	C	L	D	$T-(C \times (1+L/100) + D)$	
<b>TGSPDCL</b>						
LT-I Domestic	2.51	2.59	22.97	0.24	0.00	
LT-II Non-Domestic and Commercial	5.81	2.59	22.97	0.24	2.39	
LT-III (A&B) Industrial	3.84	2.59	22.97	0.24	0.42	
LT-IV Cottage Industries and Dhobighats	1.80	2.59	22.97	0.24	0.00	
LT-V (A&B) Agricultural	0.02	2.59	22.97	0.24	0.00	
LT-VI (A&B) Local Bodies, Street Lighting and PWS Schemes	2.37	2.59	22.97	0.24	0.00	
LT-VII General Purpose	4.00	2.59	22.97	0.24	0.58	
LT-VIII Temporary Supply	6.20	2.59	22.97	0.24	2.78	
HT-I Industrial						
	11 kV	3.99	2.59	14.02	0.17	0.87

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T-(Cx(1+L/100)+D)$
33 kV	3.64	2.59	7.85	0.06	0.79
132 kV and above	3.32	2.59	4.20	0.06	0.56
Ferro Alloys (132 kV and above)	2.55	2.59	4.20	0.06	0.00
HT-II Non-Industrial/Industry Others					
11 kV	5.22	2.59	14.02	0.17	2.10
33 kV	4.81	2.59	7.85	0.06	1.96
132 kV and above	4.89	2.59	4.20	0.06	2.13
HT-IV(A&B) Irrigation and Agriculture (132 kV and above)	2.24	2.59	4.20	0.06	0.00
HT-V Railway Traction 132 kV and above	4.10	2.59	4.20	0.06	1.34
HT-VI Townships and Residential Colonies (11 kV)	3.50	2.59	14.02	0.17	0.38
HT-Temporary Supply (11 kV)	5.25	2.59	14.02	0.17	2.13
<b>TGNPDCL</b>					
LT-I Domestic	2.03	2.59	21.73	0.36	0.00
LT-II Non-Domestic and Commercial	5.63	2.59	21.73	0.36	2.13
LT-III (A&B) Industrial	3.81	2.59	21.73	0.36	0.30
LT-IV Cottage Industries and Dhobighats	1.80	2.59	21.73	0.36	0.00
LT-V (A&B) Agricultural	0.04	2.59	21.73	0.36	0.00
LT-VI (A&B) Local Bodies, Street Lighting and PWS Schemes	1.32	2.59	21.73	0.36	0.00
LT-VII General Purpose	4.00	2.59	21.73	0.36	0.49
LT-VIII Temporary Supply	0.00	2.59	21.73	0.36	0.00
HT-I Industrial					
11 kV	4.03	2.59	14.06	0.16	0.91
33 kV	3.64	2.59	8.91	0.05	0.78
132 kV and above	3.33	2.59	4.20	0.06	0.57
Ferro Alloys (132 kV and above)	0.00	2.59	4.20	0.06	0.00
HT-II Non-Industrial/Industry Others					
11 kV	5.04	2.59	14.06	0.16	1.92
33 kV	4.66	2.59	8.91	0.05	1.80
132 kV and above	11.65	2.59	4.20	0.06	8.89
HT-IV(A&B) Irrigation and Agriculture (132 kV and above)	2.27	2.59	4.20	0.16	0.00
HT-V Railway Traction 132 kV and above	4.10	2.59	4.20	0.06	1.34
HT-VI Townships and Residential Colonies (11 kV)	3.50	2.59	14.06	0.16	0.38
HT-Temporary Supply (11 kV)	0.00	2.59	14.06	0.16	0.00

#### **FY 2009-10:**

- 4.5.22 The Commission has considered following category-wise sales, revenue and average revenue realization approved in the Retail Supply Tariff Order for FY 2009-10 for both TGSPDCL and TGNPDCL.

**Table 4.21: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2009-10**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-I Domestic	5,201.63	1,332.88	2.56	1,661.49	330.62	1.99

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-II Non-Domestic and Commercial	1,731.60	1,007.53	5.82	329.21	181.75	5.52
LT-III (A&B) Industrial	1,249.30	536.70	4.30	323.68	141.37	4.55
LT-IV Cottage Industries and Dhobighats	17.34	3.33	1.92	6.36	1.33	2.09
LT-V (A&B) Agricultural	6,234.90	6.82	0.01	3054.41	1.59	0.01
LT-VI (A&B) Local Bodies, Street Lighting/PVWS Schemes	597.52	130.97	2.19	304.54	41.89	1.38
LT-VII (A&B) General Purpose	61.99	24.80	4.00	26.72	10.69	4.00
LT-VIII Temporary Supply	5.60	3.47	6.20	0.20	0.12	6.20
HT-I Industrial						
11 kV	2,476.10	964.58	3.90	255.03	105.07	4.12
33 kV	3,798.09	1341.82	3.53	73.60	27.00	3.67
132 kV and above	2,454.75	819.72	3.34	734.29	233.44	3.18
Ferro Alloy Units	468.54	112.45	2.40	-	-	-
HT-II Non-Industrial						
11 kV	928.90	484.43	5.22	71.61	35.91	5.01
33 kV	383.96	180.32	4.70	1.02	0.45	4.41
132 kV and above	110.18	50.11	4.55	0.72	2.18	30.11
HT-IV(A&B) Govt. Lift Irrigation and Agriculture	482.73	113.92	2.36	477.38	112.66	2.36
HT-V Railway Traction	116.84	46.15	3.95	370.51	146.35	3.95
HT-VI Townships& Residential Colonies	91.10	36.44	4.00	125.26	50.10	4.00
HT-Temporary Supply	10.10	8.57	8.48	-	-	-

4.5.23 The Commission has considered weighted power purchase cost of top 5% at the margin excluding liquid fuel-based generation and renewable power approved in the Retail Supply Tariff Order for FY 2009-10 for both TGSPDCL and TGNPDCL which is as shown below:

**Table 4.22: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2009-10**

<b>Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU</b>			<b>63300.28</b>
<b>Top 5% at the margin excluding liquid fuel based generation and renewable power in MU</b>			<b>3165.01</b>
<b>Station Name</b>	<b>Despatch (MU)</b>	<b>PP Cost (Rs Cr)</b>	<b>PP cost (Rs/kWh)</b>
RTPP Stage-II	596.35	162.78	2.73
RTPP Stage-III	544.85	148.73	2.73
GVK - Extension	750.85	266.08	3.54
Vemagiri	803.57	342.24	4.26
Gautami	283.52	300.28	10.59
Konaseema	185.88	252.97	13.61
Top 5% at the margin excluding liquid fuel based generation and renewable power	3165.01	1473.07	4.65
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>4.65</b>

4.5.24 The Commission has considered the system losses up to each voltage level which are arrived based on the wheeling losses and transmission losses approved in Wheeling Tariff order for FY 2009-10 to FY 2013-14, dated

20.03.2009 and Transmission Tariff Order for FY 2009-10 to FY 2013-14, dated 20.03.2009 which are as shown below:

**Table 4.23: System Losses for the applicable voltage level in % (L) for FY 2009-10**

Voltage level	TGSPDCL	TGNPDCL
<b>Approved losses as per Tariff Orders</b>		
132 kV and above	4.16	4.16
Upto 33 kV	4.07	4.50
Upto 11 kV	5.00	5.00
LT	8.00	7.00
<b>Losses calculated upto respective voltage level</b>		
132 kV and above	4.16	4.16
Upto 33 kV	8.06	8.47
Upto 11 kV	12.66	13.05
LT	19.65	19.14

4.5.25 The Commission has considered the wheeling charges and transmission charges as approved in Wheeling Tariff order for FY 2009-10 to FY 2013-14, dated 20.03.2009 and Transmission Tariff Order for FY 2009-10 to FY 2013-14, dated 20.03.2009 which are as shown below:

**Table 4.24: Wheeling Charges (D) for FY 2009-10**

Voltage Unit	TGSPDCL		TGNPDCL	
	Rs./kW/month	Rs./kWh	Rs./kW/month	Rs./kWh
132 kV and above	47.79	0.07	47.79	0.07
	Rs./kVA/month	Rs./kWh	Rs./kVA/month	Rs./kWh
33 kV	27.12	0.05	11.56	0.02
11 kV	185.94	0.34	124.08	0.23
LT	671.71	1.23	324.23	0.59

4.5.26 Based on the above parameters the Commission has determined the CSS for FY 2009-10 with the formula specified in Tariff Policy, 2006 applicable to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2009-10 as shown below:

**Table 4.25: Approved CSS for FY 2009-10**

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	T	C	L	D	$T-(Cx(1+L/100)+D)$
<b>TGSPDCL</b>					
LT-I Domestic	2.56	4.65	19.65	1.23	0.00
LT-II Non-Domestic and Commercial	5.82	4.65	19.65	1.23	0.00
LT-III (A&B) Industrial	4.30	4.65	19.65	1.23	0.00
LT-IV Cottage Industries and Dhobighats	1.92	4.65	19.65	1.23	0.00
LT-V (A&B) Agricultural	0.01	4.65	19.65	1.23	0.00

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T-(Cx(1+L/100)+D)$
LT-VI (A&B) Local Bodies, Street Lighting/PWS Schemes	2.19	4.65	19.65	1.23	0.00
LT-VII (A&B) General Purpose	4.00	4.65	19.65	1.23	0.00
LT-VIII Temporary Supply	6.20	4.65	19.65	1.23	0.00
HT-I Industrial					
11 kV	3.90	4.65	12.66	0.34	0.00
33 kV	3.53	4.65	8.06	0.05	0.00
132 kV and above	3.34	4.65	4.16	0.07	0.00
Ferro Alloy Units (132 kV and above)	2.40	4.65	4.16	0.07	0.00
HT-II Non-Industrial					
11 kV	5.22	4.65	12.66	0.34	0.00
33 kV	4.70	4.65	8.06	0.05	0.00
132 kV and above	4.55	4.65	4.16	0.07	0.00
HT-IV(A&B) Govt. Lift Irrigation and Agricultural (132 kV and above)	2.36	4.65	4.16	0.07	0.00
HT-V Railway Traction 132 kV and above	3.95	4.65	4.16	0.07	0.00
HT-VI Townships & Residential Colonies (11 kV)	4.00	4.65	12.66	0.34	0.00
HT-Temporary Supply (11 kV)	8.48	4.65	12.66	0.34	2.90
<b>TGNPDCL</b>					
LT-I Domestic	1.99	4.65	19.14	0.59	0.00
LT-II Non-Domestic and Commercial	5.52	4.65	19.14	0.59	0.00
LT-III (A&B) Industrial	4.55	4.65	19.14	0.59	0.00
LT-IV Cottage Industries and Dhobighats	2.09	4.65	19.14	0.59	0.00
LT-V (A&B) Agricultural	0.01	4.65	19.14	0.59	0.00
LT-VI (A&B) Local Bodies, Street Lighting/PWS Schemes	1.38	4.65	19.14	0.59	0.00
LT-VII (A&B) General Purpose	4.00	4.65	19.14	0.59	0.00
LT-VIII Temporary Supply	6.20	4.65	19.14	0.59	0.06
HT-I Industrial					
11 kV	4.12	4.65	13.05	0.23	0.00
33 kV	3.67	4.65	8.47	0.02	0.00
132 kV and above	3.18	4.65	4.16	0.07	0.00
Ferro Alloy Units (132 kV and above)	0.00	4.65	4.16	0.07	0.00
HT-II Non-Industrial					
11 kV	5.01	4.65	13.05	0.23	0.00
33 kV	4.41	4.65	8.47	0.02	0.00
132 kV and above	30.11	4.65	4.16	0.07	25.19
HT-IV(A&B) Govt. Lift Irrigation and Agricultural (132 kV and above)	2.36	4.65	4.16	0.07	0.00
HT-V Railway Traction	3.95	4.65	4.16	0.07	0.00
HT-VI Townships & Residential Colonies (11 kV)	4.00	4.65	13.05	0.23	0.00
HT-Temporary Supply (11 kV)	0.00	4.65	13.05	0.23	0.00

### **FY 2010-11:**

4.5.27 The Commission has considered following category-wise sales, revenue and average revenue realization approved in the Retail Supply Tariff Order for FY 2010-11 for both TGSPDCL and TGNPDCL.

**Table 4.26: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2010-11**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-I Domestic	6,310.93	1,743.64	2.76	2,002.13	399.51	2.00
LT-II Non-Domestic/Commercial	2,038.06	1,227.23	6.02	430.95	244.93	5.68
LT-III (A&B) Industrial	1,311.56	603.20	4.60	323.54	154.46	4.77
LT-IV Cottage Industries & Dhobighats	17.70	3.40	1.92	6.39	1.38	2.17
LT-V(A&B) Agricultural	6,733.69	10.25	0.02	3,299.09	1.03	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS Schemes	840.86	178.85	2.13	395.78	53.04	1.34
LT-VII (A&B) General Purpose	72.77	29.11	4.00	27.74	10.66	3.84
LT-VIII Temporary Supply	2.81	1.87	6.64	1.68	1.14	6.81
HT-I Industrial						
11 kV	2,517.97	1,077.62	4.28	285.76	127.43	4.46
33 kV	4,587.68	1,668.31	3.64	98.95	37.89	3.83
132 kV and above	3,015.45	1,021.07	3.39	742.57	251.45	3.39
Ferro Alloy Units						
11 kV	10.04	2.58	2.57	-	-	-
33 kV	120.34	30.94	2.57	-	-	-
132 kV and above	193.21	50.10	2.59	-	-	-
HT-II Non-Industrial						
11 kV	1,091.51	635.25	5.82	86.85	47.36	5.45
33 kV	343.56	179.17	5.22	0.98	0.47	4.80
132 kV and above	166.08	71.50	4.30	1.77	2.62	14.79
HT-IV(A&B) Govt. Lift Irrigation and Agricultural						
11 kV	60.82	8.00	1.31	38.39	7.88	2.05
33 kV	66.98	15.44	2.30	41.47	10.36	2.50
132 kV and above	277.32	71.42	2.58	310.02	78.56	2.53
HT-V Railway Traction	110.62	47.35	4.28	392.22	167.94	4.28
HT-VI Township and Residential Colonies						
11 kV	92.24	36.90	4.00	18.82	7.53	4.00
33 kV	16.65	6.66	4.00	54.69	21.88	4.00
132 kV and above	-	-	-	82.77	33.11	4.00
HT-Temporary Supply	11.35	9.71	8.55	-	-	0.00

4.5.28 The Commission has considered weighted power purchase cost of top 5% at the margin excluding liquid fuel-based generation and renewable power approved in the Retail Supply Tariff Order for FY 2010-11 for both TGSPDCL and TGNPDCL which is as shown below:

**Table 4.27: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2010-11**

Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU			73145.45
Top 5% at the margin excluding liquid fuel based generation and renewable power in MU			3657.27
Station Name	Despatch (MU)	PP Cost (Rs Cr)	PP cost (Rs/kWh)
Kondapalli (Gas)	1469.63	491.78	3.35
BSES	1089.06	382.04	3.51
GVK	627.71	240.61	3.83
Spectrum	470.87	191.12	4.06
Top 5% at the margin excluding liquid fuel based generation and renewable power			3.57
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>3.57</b>

4.5.29 The Commission has considered the system losses up to each voltage level which are arrived based on the wheeling losses and transmission losses approved in Wheeling Tariff order for FY 2009-10 to FY 2013-14, dated 20.03.2009 and Transmission Tariff Order for FY 2009-10 to FY 2013-14, dated 20.03.2009 which are as shown below:

**Table 4.28: System Losses for the applicable voltage level in % (L) for FY 2010-11**

Voltage level	TGSPDCL	TGNPDCL
<b>Approved losses as per Tariff Orders</b>		
132 kV and above	4.13	4.13
Upto 33 kV	4.04	4.25
Upto 11 kV	6.00	4.80
LT	9.50	8.00
<b>Losses calculated upto respective voltage level</b>		
132 kV and above	4.13	4.13
Upto 33 kV	8.00	8.20
Upto 11 kV	13.52	12.61
LT	21.74	19.60

4.5.30 The Commission has considered the wheeling charges and transmission charges as approved in Wheeling Tariff order for FY 2009-10 to FY 2013-14, dated 20.03.2009 and Transmission Tariff Order for FY 2009-10 to FY 2013-14, dated 20.03.2009 which are as shown below:

**Table 4.29: Wheeling Charges (D) for FY 2010-11**

Voltage	TGSPDCL		TGNPDCL	
	Rs./kW/month	Rs./kWh	Rs./kW/month	Rs./kWh
132 kV and above	50.86	0.08	50.86	0.08
	Rs./kVA/month	Rs./kWh	Rs./kVA/month	Rs./kWh
33 kV	30.38	0.06	12.29	0.02
11 kV	192.55	0.35	133.14	0.24
LT	634.57	1.16	338.19	0.62

4.5.31 Based on the above parameters the Commission has determined the CSS for FY 2010-11 with the formula specified in Tariff Policy, 2006 applicable to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2010-11 as shown below:

**Table 4.30: Approved CSS for FY 2010-11**

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	T	C	L	D	$T-(C \times (1+L/100) + D)$
<b>TGSPDCL</b>					
LT-I Domestic	2.76	3.57	21.74	1.16	0.00
LT-II Non-Domestic/Commercial	6.02	3.57	21.74	1.16	0.52



Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T-(Cx(1+L/100)+D)$
LT-III (A&B) Industrial	4.60	3.57	21.74	1.16	0.00
LT-IV Cottage Industries & Dhobighats	1.92	3.57	21.74	1.16	0.00
LT-V(A&B) Agricultural	0.02	3.57	21.74	1.16	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS Schemes	2.13	3.57	21.74	1.16	0.00
LT-VII (A&B) General Purpose	4.00	3.57	21.74	1.16	0.00
LT-VIII Temporary Supply	6.64	3.57	21.74	1.16	1.14
HT-I Industrial					
11 kV	4.28	3.57	13.52	0.35	0.00
33 kV	3.64	3.57	8.00	0.06	0.00
132 kV and above	3.39	3.57	4.13	0.08	0.00
Ferro Alloy Units					
11 kV	2.57	3.57	13.52	0.35	0.00
33 kV	2.57	3.57	8.00	0.06	0.00
132 kV and above	2.59	3.57	4.13	0.08	0.00
HT-II Non-Industrial					
11 kV	5.82	3.57	13.52	0.35	1.42
33 kV	5.22	3.57	8.00	0.06	1.30
132 kV and above	4.30	3.57	4.13	0.08	0.51
HT-IV(A&B) Govt. Lift Irrigation and Agricultural					
11 kV	1.31	3.57	13.52	0.35	0.00
33 kV	2.30	3.57	8.00	0.06	0.00
132 kV and above	2.58	3.57	4.13	0.08	0.00
HT-V Railway Traction 132 kV and above	4.28	3.57	4.13	0.08	0.48
HT-VI Townships and Residential Colonies					
11 kV	4.00	3.57	13.52	0.35	0.00
33 kV	4.00	3.57	8.00	0.06	0.09
132 kV and above	0.00	3.57	4.13	0.08	0.00
HT-Temporary Supply (11 kV)	8.55	3.57	13.52	0.35	4.15
<b>TGNPDCL</b>					
LT-I Domestic	2.00	3.57	19.60	0.96	0.00
LT-II Non-Domestic/Commercial	5.68	3.57	19.60	0.96	0.45
LT-III (A&B) Industrial	4.77	3.57	19.60	0.96	0.00
LT-IV Cottage Industries & Dhobighats	2.17	3.57	19.60	0.96	0.00
LT-V(A&B) Agricultural	0.00	3.57	19.60	0.96	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS Schemes	1.34	3.57	19.60	0.96	0.00
LT-VII (A&B) General Purpose	3.84	3.57	19.60	0.96	0.00
LT-VIII Temporary Supply	6.81	3.57	19.60	0.96	1.58
HT-I Industrial					
11 kV	4.46	3.57	12.61	0.24	0.20
33 kV	3.83	3.57	8.20	0.02	0.00
132 kV and above	3.39	3.57	4.13	0.08	0.00
Ferro Alloy Units					
11 kV	0.00	3.57	12.61	0.24	0.00
33 kV	0.00	3.57	8.20	0.02	0.00
132 kV and above	0.00	3.57	4.13	0.08	0.00
HT-II Non-Industrial					
11 kV	5.45	3.57	12.61	0.24	1.19
33 kV	4.80	3.57	8.20	0.02	0.92
132 kV and above	14.79	3.57	4.13	0.08	10.99

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/kWh	CSS (Rs/kWh)
	T	C	L	D	$T-(Cx(1+L/100)+D)$
HT-IV(A&B) Govt. Lift Irrigation & Agricultural					
11 kV	2.05	3.57	12.61	0.24	0.00
33 kV	2.50	3.57	8.20	0.02	0.00
132 kV and above	2.53	3.57	4.13	0.08	0.00
HT-V Railway Traction 132 kV and above	4.28	3.57	4.13	0.08	0.49
HT- VI Townships and Residential Colonies					
11 kV	4.00	3.57	12.61	0.24	0.00
33 kV	4.00	3.57	8.20	0.02	0.11
132 kV and above	4.00	3.57	4.13	0.08	0.20
HT-Temporary Supply (11 kV)	0.00	3.57	12.61	0.24	0.00

### **FY 2011-12**

4.5.32 The Commission has considered following category-wise sales, revenue and average revenue realization approved in the Retail Supply Tariff Order for FY 2011-12 for both TGSPDCL and TGNPDCL.

**Table 4.31: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2011-12**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-I Domestic	6,289.37	1,867.67	2.97	2,328.36	486.88	2.09
LT-II (A&B) Non-Domestic/ Commercial	2,030.35	1,254.17	6.18	495.88	289.68	5.84
LT-III (A&B) Industrial	1,262.63	628.30	4.98	310.34	160.33	5.17
LT-IV (A,B&C) Cottage Industries & Dhobighats	15.69	3.83	2.44	7.31	1.92	2.63
LT-V (A,B) Agricultural	7,339.82	15.41	0.02	3,596.07	1.98	0.01
LT-VI (A&B) Local Bodies, Street Lighting and PWS Schemes	936.18	236.00	2.52	468.04	83.03	1.77
LT-VII (A&B) General Purpose	74.87	29.97	4.00	27.03	12.13	4.49
LT-VIII Temporary Supply	3.41	2.33	6.82	4.33	0.08	0.18
HT-I Industry						
11 kV	2,876.20	1,310.57	4.56	337.01	151.75	4.50
33 kV	5,056.31	1,942.68	3.84	115.17	46.30	4.02
132 kV and above	3,156.58	1,129.49	3.58	725.59	266.24	3.67
Ferro Alloy Units						
11 kV	11.76	3.12	2.65	-	-	-
33 kV	279.34	74.03	2.65	-	-	-
132 kV and above	248.74	65.92	2.65	-	-	-
HT-II Others						
11 kV	1,137.00	695.58	6.12	92.64	51.74	5.58
33 kV	360.27	193.62	5.37	1.15	0.56	4.88
132 kV and above	124.07	58.05	4.68	1.99	2.74	13.73
HT-IV(A&B) Govt. Lift Irrigation Schemes and Agricultural						
11 kV	66.84	10.82	1.62	39.79	8.54	2.15
33 kV	73.72	16.53	2.24	41.47	10.78	2.60
132 kV and above	277.32	72.10	2.60	310.02	80.61	2.60
HT-V Railway Traction	184.55	82.12	4.45	405.98	180.66	4.45
HT-VI Townships and Residential Colonies						
11 kV	78.79	45.43	5.77	24.66	11.87	4.81
33 kV	15.63	9.73	6.23	35.71	19.41	5.44
132 kV and above	-	-	-	92.21	46.78	5.07
HT-Temporary Supply	5.54	3.57	6.45	-	-	0.00

4.5.33 The Commission has considered weighted power purchase cost of top 5% at the margin excluding liquid fuel-based generation and renewable power approved in the Retail Supply Tariff Order for FY 2011-12 for both TGSPDCL and TGNPDCL which is as shown below:

**Table 4.32: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2011-12**

<b>Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU</b>			<b>78209.88</b>
<b>Top 5% at the margin excluding liquid fuel based generation and renewable power in MU</b>			<b>3910.49</b>
<b>Station Name</b>	<b>Despatch (MU)</b>	<b>PP Cost (Rs Cr)</b>	<b>PP cost (Rs/kWh)</b>
GVK Extension	526.66	146.58	2.78
Vemagiri	1991.15	625.11	3.14
APGPCL I - Allocated capacity	42.09	15.51	3.68
Srivathsa	64.03	23.70	3.70
Konaseema	1286.56	574.43	4.46
Top 5% at the margin excluding liquid fuel based generation and renewable power	3910.49	1385.33	3.54
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>3.54</b>

4.5.34 The Commission has considered the system losses up to each voltage level which are arrived based on the wheeling losses and transmission losses approved in Wheeling Tariff order for FY 2009-10 to FY 2013-14, dated 20.03.2009 and Transmission Tariff Order for FY 2009-10 to FY 2013-14, dated 20.03.2009 which are as shown below:

**Table 4.33: System Losses for the applicable voltage level in % (L) for FY 2011-12**

<b>Voltage level</b>	<b>TGSPDCL</b>	<b>TGNPDCL</b>
<b>Approved losses as per Tariff Orders</b>		
132 kV and above	4.10	4.10
Upto 33 kV	4.02	4.10
Upto 11 kV	5.75	4.70
LT	8.80	7.50
<b>Losses calculated upto respective voltage level</b>		
132 kV and above	4.10	4.10
Upto 33 kV	7.96	8.03
Upto 11 kV	13.25	12.35
LT	20.88	18.93

4.5.35 The Commission has considered the wheeling charges and transmission charges as approved in Wheeling Tariff order for FY 2009-10 to FY 2013-14, dated 20.03.2009 and Transmission Tariff Order for FY 2009-10 to FY 2013-14, dated 20.03.2009 which are as shown below:

**Table 4.34: Wheeling Charges (D) for FY 2011-12**

Voltage	TGSPDCL		TGNPDCL	
	Rs./kW/month	Rs./kWh	Rs./kW/month	Rs./kWh
132 kV and above	63.47	0.10	63.47	0.10
	Rs./kVA/month	Rs./kWh	Rs./kVA/month	Rs./kWh
33 kV	32.39	0.06	12.73	0.02
11 kV	206.56	0.38	141.26	0.26
LT	669.17	1.22	353.72	0.65

4.5.36 Based on the above parameters the Commission has determined the CSS for FY 2011-12 with the formula specified in Tariff Policy, 2006 applicable to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2009-10 as shown below:

**Table 4.35: Approved CSS for FY 2011-12**

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T-(Cx(1+L/100)+D)$
<b>TGSPDCL</b>					
LT-I Domestic	2.97	3.54	20.88	1.22	0.00
LT-II (A&B) Non-Domestic/ Commercial	6.18	3.54	20.88	1.22	0.67
LT-III (A&B) Industrial	4.98	3.54	20.88	1.22	0.00
LT-IV (A,B&C) Cottage Industries & Dhobighats	2.44	3.54	20.88	1.22	0.00
LT-V (A,B) Agricultural	0.02	3.54	20.88	1.22	0.00
LT-VI (A&B) Local Bodies, Street Lighting and PWS Schemes	2.52	3.54	20.88	1.22	0.00
LT-VII (A&B) General Purpose	4.00	3.54	20.88	1.22	0.00
LT-VIII Temporary Supply	6.82	3.54	20.88	1.22	1.31
<b>HT-I Industry</b>					
11 kV	4.56	3.54	13.25	0.38	0.17
33 kV	3.84	3.54	7.96	0.06	0.00
132 kV and above	3.58	3.54	4.10	0.10	0.00
<b>Ferro Alloy Units</b>					
11 kV	2.65	3.54	13.25	0.38	0.00
33 kV	2.65	3.54	7.96	0.06	0.00
132 kV and above	2.65	3.54	4.10	0.10	0.00
<b>HT-II Others</b>					
11 kV	6.12	3.54	13.25	0.38	1.73
33 kV	5.37	3.54	7.96	0.06	1.49
132 kV and above	4.68	3.54	4.10	0.10	0.89
<b>HT-IV(A&amp;B) Govt. Lift Irrigation Schemes and Agricultural</b>					
132 kV and above					
11 kV	1.62	3.54	13.25	0.38	0.00
33 kV	2.24	3.54	7.96	0.06	0.00
132 kV and above	2.60	3.54	4.10	0.10	0.00
<b>HT-V Railway Traction</b>					
132 kV and above	4.45	3.54	4.10	0.10	0.66
<b>HT-VI Townships and Residential Colonies</b>					
11 kV	5.77	3.54	13.25	0.38	1.38
33 kV	6.23	3.54	7.96	0.06	2.34
132 kV and above	0.00	3.54	4.10	0.10	0.00
<b>HT-Temporary Supply (11 kV)</b>					
	6.45	3.54	13.25	0.38	2.06

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/kWh	CSS (Rs/kWh)
	T	C	L	D	$T-(Cx(1+L/100)+D)$
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	2.09	3.54	18.93	0.65	0.00
LT-II (A,B&C) Non-Domestic/Commercial	5.84	3.54	18.93	0.65	0.98
LT-III (A&B) Industrial	5.17	3.54	18.93	0.65	0.31
LT-IV (A&B) Cottage Industries & Dhobighats	2.63	3.54	18.93	0.65	0.00
LT-V (A,B&C) Irrigation & Agriculture	0.01	3.54	18.93	0.65	0.00
LT-VI (A&B) Local Bodies, Street Lighting & PWS	1.77	3.54	18.93	0.65	0.00
LT-VII (A&B) General Purpose	4.49	3.54	18.93	0.65	0.00
LT-VIII (A&B) Temporary Supply	0.18	3.54	18.93	0.65	0.00
HT-I Industry					
11 kV	4.50	3.54	12.35	0.26	0.26
33 kV	4.02	3.54	8.03	0.02	0.17
132 kV and above	3.67	3.54	4.10	0.10	0.00
HT-II Others					
11 kV	5.58	3.54	12.35	0.26	1.35
33 kV	4.88	3.54	8.03	0.02	1.03
132 kV and above	13.73	3.54	4.10	0.10	9.94
HT-IV(A&B) Govt. Lift Irrigation Schemes and Agricultural					
11 kV	2.15	3.54	12.35	0.26	0.00
33 kV	2.60	3.54	8.03	0.02	0.00
132 kV and above	2.60	3.54	4.10	0.10	0.00
HT-V Railway Traction 132 kV and above	4.45	3.54	4.10	0.10	0.66
HT-VI Townships and Residential Colonies					
11 kV	4.81	3.54	12.35	0.26	0.58
33 kV	5.44	3.54	8.03	0.02	1.59
132 kV and above	5.07	3.54	4.10	0.10	1.29
HT-Temporary Supply (11 kV)	0.00	3.54	12.35	0.26	0.00

#### **FY 2012-13:**

4.5.37 The Commission has considered following category-wise sales, revenue and average revenue realization approved in the Retail Supply Tariff Order for FY 2012-13 for both TGSPDCL and TGNPDCL.

**Table 4.36: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2012-13**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-I (A&B) Domestic	6,941.57	2,256.46	3.25	2,460.63	666.67	2.71
LT-II (A,B&C) Non-Domestic/Commercial	2,222.81	1,484.70	6.68	537.05	343.01	6.39
LT-III (A&B) Industrial	1,270.23	760.20	5.98	314.08	195.33	6.22
LT-IV (A&B) Cottage Industries & Dhobighats	18.67	5.25	2.81	7.06	2.15	3.05
LT-V (A,B&C) Agricultural	8,073.90	18.40	0.02	3,955.61	1.17	0.00
LT-VI (A&B) Local Bodies, Street Lighting and PWS Schmes	922.60	286.65	3.11	402.10	101.82	2.53
LT-VII (A&B) General Purpose	79.88	46.69	5.85	31.97	14.29	4.47
LT-VIII (A&B) Temporary Supply	1.26	0.95	7.50	0.03	0.02	7.50

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
HT-I(A&B) Industrial						
11 kV	2,996.49	1,738.01	5.80	427.17	249.67	5.84
33 kV	5,353.00	2,647.68	4.95	154.44	79.89	5.17
132 kV and above	3,480.80	1,536.94	4.42	584.68	291.01	4.98
Ferro Alloy Units						
11 kV	11.99	5.37	4.48	-	-	-
33 kV	248.20	100.52	4.05	-	-	-
132 kV and above	242.74	88.60	3.65	-	-	-
HT-II Others						
11 kV	1,249.74	891.33	7.13	95.24	65.05	6.83
33 kV	491.27	310.22	6.31	3.08	3.22	10.44
132 kV and above	128.58	77.24	6.01	1.88	2.88	15.33
HT-IV(A&B) Govt. Lift Irrigation Schemes and Agricultural						
11 kV	78.95	18.73	2.37	32.15	9.72	3.02
33 kV	83.04	23.49	2.83	41.47	13.48	3.25
132 kV and above	277.32	90.13	3.25	310.02	100.76	3.25
HT-V Railway Traction						
	163.38	88.72	5.43	438.95	238.35	5.43
HT-VI Townships and Residential Colonies						
11 kV	87.28	49.22	5.64	20.13	10.43	5.18
33 kV	21.68	12.95	5.97	21.30	11.49	5.39
132 kV and above	-	-	-	89.10	45.38	5.09
HT-Temporary Supply						
	4.94	3.19	6.45	-	-	0.00

4.5.38 The Commission has considered weighted power purchase cost of top 5% at the margin excluding liquid fuel-based generation and renewable power approved in the Retail Supply Tariff Order for FY 2012-13 for both TGSPDCL and TGNPDCL which is as shown below:

**Table 4.37: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2012-13**

Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU			74065.11
Top 5% at the margin excluding liquid fuel based generation and renewable power in MU			3703.26
Station Name	Despatch (MU)	PP Cost (Rs Cr)	PP cost (Rs/kWh)
Srivathsa	62.35	36.75	5.89
VTPS IV	3640.91	1488.38	4.09
Top 5% at the margin excluding liquid fuel based generation and renewable power	3703.26	1525.13	4.12
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>4.12</b>

4.5.39 The Commission has considered the system losses up to each voltage level which are arrived based on the wheeling losses and transmission losses approved in Wheeling Tariff order for FY 2009-10 to FY 2013-14, dated 20.03.2009 and Transmission Tariff Order for FY 2009-10 to FY 2013-14, dated 20.03.2009 which are as shown below:

**Table 4.38: System Losses for the applicable voltage level in % (L) for FY 2012-13**

Voltage level	TGSPDCL	TGNPDCL
<b>Approved losses as per Tariff Orders</b>		
132 kV and above	4.06	4.06
Upto 33 kV	3.99	4.00
Upto 11 kV	5.50	4.50
LT	8.70	7.40
<b>Losses calculated upto respective voltage level</b>		
132 kV and above	4.06	4.06
Upto 33 kV	7.89	7.90
Upto 11 kV	12.95	12.04
LT	20.53	18.55

4.5.40 The Commission has considered the wheeling charges and transmission charges as approved in Wheeling Tariff order for FY 2009-10 to FY 2013-14, dated 20.03.2009 and Transmission Tariff Order for FY 2009-10 to FY 2013-14, dated 20.03.2009 which are as shown below:

**Table 4.39: Wheeling Charges (D) for FY 2012-13**

Voltage	TGSPDCL		TGNPDCL	
	Rs./kW/month	Rs./kWh	Rs./kW/month	Rs./kWh
132 kV and above	65.50	0.10	65.50	0.10
	Rs./kVA/month	Rs./kWh	Rs./kVA/month	Rs./kWh
33 kV	32.66	0.06	12.70	0.02
11 kV	207.47	0.38	143.73	0.26
LT	658.76	1.20	357.51	0.65

4.5.41 Based on the above parameters the Commission has determined the CSS for FY 2012-13 with the formula specified in Tariff Policy, 2006 applicable to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2012-13 as shown below:

**Table 4.40: Approved CSS for FY 2012-13**

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/kWh	CSS (Rs/kWh)	
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T-(Cx(1+L/100)+D)$	
<b>TGSPDCL</b>						
LT-I (A&B) Domestic	3.25	4.12	20.53	1.20	0.00	
LT-II (A,B&C) Non-Domestic/ Commercial	6.68	4.12	20.53	1.20	0.51	
LT-III (A&B) Industrial	5.98	4.12	20.53	1.20	0.00	
LT-IV (A&B) Cottage Industries & Dhobighats	2.81	4.12	20.53	1.20	0.00	
LT-V (A,B&C) Agricultural	0.02	4.12	20.53	1.20	0.00	
LT-VI (A&B) Local Bodies, Street Lighting and PWS Schemes	3.11	4.12	20.53	1.20	0.00	
LT-VII (A&B) General Purpose	5.85	4.12	20.53	1.20	0.00	
LT-VIII (A&B) Temporary Supply	7.50	4.12	20.53	1.20	1.33	
HT-I(A&B) Industrial						
	11 kV	5.80	4.12	12.95	0.38	0.77

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T-(Cx(1+L/100)+D)$
33 kV	4.95	4.12	7.89	0.06	0.44
132 kV and above	4.42	4.12	4.06	0.10	0.03
Ferro Alloy Units					
11 kV	4.48	4.12	12.95	0.38	0.00
33 kV	4.05	4.12	7.89	0.06	0.00
132 kV and above	3.65	4.12	4.06	0.10	0.00
HT-II Others					
11 kV	7.13	4.12	12.95	0.38	2.10
33 kV	6.31	4.12	7.89	0.06	1.81
132 kV and above	6.01	4.12	4.06	0.10	1.62
HT-IV(A&B) Govt. Lift Irrigation Schemes and Agricultural					
11 kV	2.37	4.12	12.95	0.38	0.00
33 kV	2.83	4.12	7.89	0.06	0.00
132 kV and above	3.25	4.12	4.06	0.10	0.00
HT-V Railway Traction	5.43	4.12	4.06	0.10	1.04
HT-VI Townships and Residential Colonies					
11 kV	5.64	4.12	12.95	0.38	0.61
33 kV	5.97	4.12	7.89	0.06	1.47
132 kV and above	0.00	4.12	4.06	0.10	0.00
HT-IX Temporary (11 kV)	6.45	4.12	12.95	0.38	1.42
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	2.71	4.12	18.55	0.65	0.00
LT-II (A,B&C) Non-Domestic/ Commercial	6.39	4.12	18.55	0.65	0.85
LT-III (A&B) Industrial	6.22	4.12	18.55	0.65	0.68
LT-IV (A&B) Cottage Industries & Dhobighats	3.05	4.12	18.55	0.65	0.00
LT-V (A,B&C) Agricultural	0.00	4.12	18.55	0.65	0.00
LT-VI (A&B) Local Bodies, Street Lighting and PWS Schmes	2.53	4.12	18.55	0.65	0.00
LT-VII (A&B) General Purpose	4.47	4.12	18.55	0.65	0.00
LT-VIII (A&B) Temporary Supply	7.50	4.12	18.55	0.65	1.96
HT-I(A&B) Industrial					
11 kV	5.84	4.12	12.04	0.26	0.97
33 kV	5.17	4.12	7.90	0.02	0.71
132 kV and above	4.98	4.12	4.06	0.10	0.59
HT-II Others					
11 kV	6.83	4.12	12.04	0.26	1.95
33 kV	10.44	4.12	7.90	0.02	5.97
132 kV and above	15.33	4.12	4.06	0.10	10.95
HT-IV(A&B) Govt. Lift Irrigation and Agricultural 132 kV and above					
11 kV	3.02	4.12	12.04	0.26	0.00
33 kV	3.25	4.12	7.90	0.02	0.00
132 kV and above	3.25	4.12	4.06	0.10	0.00
HT-V Railway Traction 132 kV and above	5.43	4.12	4.06	0.10	1.04
HT-VI Townships and Residential Colonies					
11 kV	5.18	4.12	12.04	0.26	0.31
33 kV	5.39	4.12	7.90	0.02	0.93
132 kV and above	5.09	4.12	4.06	0.10	0.70
HT-IX Temporary (11 kV)	0.00	4.12	12.04	0.26	0.00



**FY 2013-14 and FY 2014-15:**

4.5.42 The Commission has considered following category-wise sales, revenue and average revenue realization approved in the Retail Supply Tariff Order for FY 2013-14 for both TGSPDCL and TGNPDCL.

**Table 4.41: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers) for FY 2013-14 & 2014-15**

Consumer Category	TGSPDCL			TGNPDCL		
	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)	Sales (MU)	Revenue for CSS (Rs Cr)	Average Realisation (Rs./kWh)
LT-I (A&B) Domestic	6,941.57	2,666.58	3.84	2,460.63	787.40	3.20
LT-II (A,B&C) Non-Domestic/Commercial	2,206.09	1,902.65	8.62	536.35	457.68	8.53
LT-III Industry	1,253.95	684.91	5.46	315.65	165.09	5.23
LT-IV Cottage Industries	18.67	7.60	4.07	7.06	3.21	4.55
LT-V(A,B&C) Agricultural	8,073.70	18.44	0.02	3,955.61	1.17	0.00
LT-VI (A&B) Street Lighting and PWS Schemes	922.60	505.19	5.48	402.10	204.34	5.08
LT-VII (A&B) General	79.88	52.41	6.56	31.94	20.38	6.38
LT-VIII Temporary Supply	1.26	1.22	9.66	0.03	0.03	9.43
HT-I Industry						
11 kV	2,935.70	2,475.82	8.43	422.40	391.17	9.26
33 kV	5,247.38	3,452.78	6.58	154.48	101.46	6.57
132 kV and above	3,417.22	2,053.71	6.01	572.66	361.62	6.31
Ferro Alloy Units						
11 kV	11.67	6.49	5.56	-	-	-
33 kV	245.38	123.60	5.04	-	-	-
132 kV and above	237.74	111.17	4.68	-	-	-
HT-II Others						
11 kV	1,225.23	1,124.30	9.18	93.29	81.86	8.77
33 kV	481.64	413.88	8.59	3.08	3.60	11.70
132 kV and above	61.24	46.61	7.61	1.72	3.82	22.22
HT-III Airports, Bus Stations and Railway Stations						
11 kV	-	-	-	-	-	-
33 kV	-	-	-	-	-	-
132 kV and above	64.82	42.77	6.60	-	-	-
HT-IV(A&B) Lift Irrigation, Agriculture and CPWS						
11 kV	29.82	15.59	5.23	32.15	16.76	5.21
33 kV	106.86	55.87	5.23	53.01	27.63	5.21
132 kV and above	301.24	157.49	5.23	310.02	161.62	5.21
HT-V Railway Traction	160.18	103.91	6.49	438.06	279.17	6.37
HT-VI Townships and Residential Colonies						
11 kV	85.57	51.62	6.03	19.91	11.74	5.90
33 kV	21.25	12.82	6.03	21.30	12.56	5.90
132 kV and above	-	-	0.00	87.43	51.57	5.90
HT-VIII-Temporary	4.84	9.29	19.19	-	-	-

4.5.43 The Commission has considered weighted power purchase cost of top 5% at the margin excluding liquid fuel-based generation and renewable power approved in the Retail Supply Tariff Order for FY 2013-14 for both TGSPDCL and TGNPDCL which is as shown below:

**Table 4.42: Weighted Average Cost of Power Purchase of Top 5% at the Margin Excluding Liquid Fuel Based Generation and Renewable Power (C) for FY 2013-14 & 2014-15**

<b>Total Dispatch excluding Liquid Fuel based Generation and Renewable Power in MU</b>			<b>72558.76</b>
<b>Top 5% at the margin excluding liquid fuel based generation and renewable power in MU</b>			<b>3627.94</b>
<b>Station Name</b>	<b>Despatch (MU)</b>	<b>PP Cost (Rs Cr)</b>	<b>PP cost (Rs/kWh)</b>
RTPP Stage-II	2183.56	1025.97	4.70
RTPP Stage-III	1444.38	784.01	5.43
Top 5% at the margin excluding liquid fuel based generation and renewable power	3627.94	1809.99	4.99
<b>Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power (C)</b>			<b>4.99</b>

4.5.44 The Commission has considered the system losses up to each voltage level which are arrived based on the wheeling losses and transmission losses approved in Wheeling Tariff order for FY 2009-10 to FY 2013-14, dated 20.03.2009 and Transmission Tariff Order for FY 2009-10 to FY 2013-14, dated 20.03.2009 which are as shown below:

**Table 4.43: System Losses for the applicable voltage level in % (L) for FY 2013-14 & 2014-15**

<b>Voltage level</b>	<b>TGSPDCL</b>	<b>TGNPDCL</b>
<b>Approved losses as per Tariff Orders</b>		
132 kV and above	4.02	4.02
Upto 33 kV	3.99	4.00
Upto 11 kV	5.00	4.25
LT	8.00	7.00
<b>Losses calculated upto respective voltage level</b>		
132 kV and above	4.02	4.02
Upto 33 kV	7.85	7.86
Upto 11 kV	12.46	11.78
LT	19.46	17.95

4.5.45 The Commission has considered the wheeling charges and transmission charges as approved in Wheeling Tariff order for FY 2009-10 to FY 2013-14, dated 20.03.2009 and Transmission Tariff Order for FY 2009-10 to FY 2013-14, dated 20.03.2009 which are as shown below:

**Table 4.44: Wheeling Charges (D) for FY 2013-14 & 2014-15**

<b>Voltage</b>	<b>TGSPDCL</b>		<b>TGNPDCL</b>	
<b>Unit</b>	<b>Rs./kW/month</b>	<b>Rs./kWh</b>	<b>Rs./kW/month</b>	<b>Rs./kWh</b>
132 kV and above	61.03	0.10	61.03	0.10
	<b>Rs./kVA/month</b>	<b>Rs./kWh</b>	<b>Rs./kVA/month</b>	<b>Rs./kWh</b>
33 kV	33.43	0.06	12.45	0.02
11 kV	204.79	0.37	140.69	0.26
LT	649.23	1.19	345.92	0.63

4.5.46 Based on the above parameters the Commission has determined the CSS for FY 2013-14 & 2014-15 with the formula specified in Tariff Policy, 2006 applicable to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2013-14 & 2014-15 as shown below:

**Table 4.45: Approved CSS for FY 2013-14 & FY 2014-15**

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	T	C	L	D	$T-(Cx(1+L/100)+D)$
<b>TGSPDCL</b>					
LT-I (A&B) Domestic	3.84	4.99	19.46	1.19	0.00
LT-II (A,B&C) Non-Domestic/ Commercial	8.62	4.99	19.46	1.19	1.47
LT-III Industry	5.46	4.99	19.46	1.19	0.00
LT-IV Cottage Industries	4.07	4.99	19.46	1.19	0.00
LT-V(A,B&C) Agricultural	0.02	4.99	19.46	1.19	0.00
LT-VI (A&B) Street Lighting and PWS Schemes	5.48	4.99	19.46	1.19	0.00
LT-VII (A&B) General	6.56	4.99	19.46	1.19	0.00
LT-VIII Temporary Supply	9.66	4.99	19.46	1.19	2.51
<b>HT-I Industry</b>					
11 kV	8.43	4.99	12.46	0.37	2.44
33 kV	6.58	4.99	7.85	0.06	1.13
132 kV and above	6.01	4.99	4.02	0.10	0.72
<b>Ferro Alloy Units</b>					
11 kV	5.56	4.99	12.46	0.37	0.00
33 kV	5.04	4.99	7.85	0.06	0.00
132 kV and above	4.68	4.99	4.02	0.10	0.00
<b>HT-II Others</b>					
11 kV	9.18	4.99	12.46	0.37	3.19
33 kV	8.59	4.99	7.85	0.06	3.15
132 kV and above	7.61	4.99	4.02	0.10	2.32
HT-III Airports, Bus Stations and Railway Stations 132 kV and above	6.60	4.99	4.02	0.10	1.31
<b>HT-IV(A&amp;B) Irrigation, Agriculture and CPWS 132 kV and above</b>					
11 kV	5.23	4.99	12.46	0.37	0.00
33 kV	5.23	4.99	7.85	0.06	0.00
132 kV and above	5.23	4.99	4.02	0.10	0.00
HT-V Railway Traction 132 kV and above	6.49	4.99	4.02	0.10	1.20
<b>HT-VI Townships and Residential Colonies</b>					
11 kV	6.03	4.99	12.46	0.37	0.04
33 kV	6.03	4.99	7.85	0.06	0.59
132 kV and above	0.00	4.99	4.02	0.10	0.00
HT-VIII Temporary (11 kV)	19.19	4.99	12.46	0.37	13.20
<b>TGNPDCL</b>					
LT-I (A&B) Domestic	3.20	4.99	17.95	0.63	0.00
LT-II (A,B&C) Non-Domestic/ Commercial	8.53	4.99	17.95	0.63	2.01
LT-III Industry	5.23	4.99	17.95	0.63	0.00
LT-IV Cottage Industries	4.55	4.99	17.95	0.63	0.00
LT-V(A,B&C) Agricultural	0.00	4.99	17.95	0.63	0.00
LT-VI (A&B) Street Lighting and PWS Schemes	5.08	4.99	17.95	0.63	0.00

Consumer Category	Tariff payable by relevant category of consumers in Rs/kWh	Weighted Average Cost of Top 5% at the margin excluding liquid fuel based generation and renewable power in Rs/kWh	System losses for the applicable voltage level in %	Wheeling Charge in Rs/Kwh	CSS (Rs/kWh)
	<i>T</i>	<i>C</i>	<i>L</i>	<i>D</i>	$T-(Cx(1+L/100)+D)$
LT-VII (A&B) General	6.38	4.99	17.95	0.63	0.00
LT-VIII Temporary Supply	9.43	4.99	17.95	0.63	2.91
HT-I Industry					
11 kV	9.26	4.99	11.78	0.26	3.42
33 kV	6.57	4.99	7.86	0.02	1.16
132 kV and above	6.31	4.99	4.02	0.10	1.02
HT-II Others					
11 kV	8.77	4.99	11.78	0.26	2.94
33 kV	11.70	4.99	7.86	0.02	6.29
132 kV and above	22.22	4.99	4.02	0.10	16.93
HT-IV(A&B) Irrigation, Agriculture & CPWS 132 kV and above					
11 kV	5.21	4.99	11.78	0.26	0.00
33 kV	5.21	4.99	7.86	0.02	0.00
132 kV and above	5.21	4.99	4.02	0.10	0.00
HT-V Railway Traction 132 kV and above					
	6.37	4.99	4.02	0.10	1.08
HT-VI Townships and Residential Colonies					
11 kV	5.90	4.99	11.78	0.26	0.06
33 kV	5.90	4.99	7.86	0.02	0.49
132 kV and above	5.90	4.99	4.02	0.10	0.61
HT-VIII Temporary (11 kV)					
	0.00	4.99	11.78	0.26	0.00

#### 4.6 APPLICABILITY

- 4.6.1 The CSS approved for respective years excluding the period of R & C measures is payable for availing open access to the transmission system and the distribution system as envisaged u/s 39(2)(d), 40(c) and 42(2) of the Electricity Act, 2003 including in the case of wheeling facility by generators to supply electricity to consumers under existing wheeling agreements, shall be as per the terms and conditions of open access specified u/s 42(2) of the Electricity Act, 2003.

**This Order is corrected and signed on this the 30<sup>th</sup> day of August, 2024.**

**Sd/-**  
(BANDARU KRISHNAIAH)  
MEMBER

**Sd/-**  
(M. D. MANOHAR RAJU)  
MEMBER

**Sd/-**  
(T. SRIRANGA RAO)  
CHAIRMAN

**//CERTIFIED COPY//**

**Annexure-IA  
Public Notice**

Appeared on 09.05.2024 in Sakshi and Eenadu

**తెలంగాణ స్టేట్ ఎలక్ట్రిసిటీ రెగ్యులేటరీ కమిషన్**  
5వ అంతస్తు, సింగరెడ్డి భవన్, రెడ్ హిల్స్, లక్ష్మీనగర్, హైదరాబాద్-500004

**బహిరంగ ప్రకటన**

గౌరవనీయ ఉన్నత న్యాయస్థానం, W.P.నంబర్లు 21936 ఆఫ్ 2018 & ఇతరములలో తమ ఉత్తర్వు తేది: 12.02.2020లోని ఆదేశాల ప్రకారం కమిషన్, O.P. నం. 16 ఆఫ్ 2005లోని I.A.నం. 9 ఆఫ్ 2017, O.P. నం. 13 ఆఫ్ 2006లోని I.A.నం. 10 ఆఫ్ 2017, O.P. నం. 5 ఆఫ్ 2007లోని I.A.నం. 11 ఆఫ్ 2017, O.P. నం. 73 ఆఫ్ 2012లోని I.A.నం. 12 ఆఫ్ 2017, O.P.నం. 74 ఆఫ్ 2012లోని I.A.నం. 13 ఆఫ్ 2017, O.P. నం. 75 ఆఫ్ 2012లోని I.A.నం. 14 ఆఫ్ 2017, O.P. నం. 76 ఆఫ్ 2012లోని I.A.నం. 15 ఆఫ్ 2017, O.P.నం. 77 ఆఫ్ 2012లోని I.A.నం. 16 ఆఫ్ 2017, O.P. నం. 13 ఆఫ్ 2017 & O.P. నం. 14 ఆఫ్ 2017లో FY 2005-06 నుండి FY 2014-15 కొరకు CSSను మళ్ళీ కొత్తగా నిర్ధారించు విషయాన్ని చేపట్టినది. అన్ని సంబంధిత డాక్యుమెంట్లు మరియు కమిషన్ ప్రతిపాదనలతో పాటు సవివరమైన బహిరంగ ప్రకటన TSERC వెబ్సైట్లో అప్లోడ్ చేయబడినది. తదుపరి వివరాల కొరకు [www.tserc.gov.in](http://www.tserc.gov.in) దర్శించండి. కమిషన్ స్టేట్ హోల్డింగ్ నుండి కమిషన్ ప్రతిపాదనలపై అభ్యంతరాలు/ సూచనలను మద్దతు మెటీరియల్తో కోరుతోంది. వాటిని కమిషన్ సెక్రటరీ/ TSERC కు స్వయంగా లేదా రిజిస్టర్డ్ పోస్టుద్వారా 30.05.2024న లేదా ఆలోగా సా.5.00 గంటలలోగా చేరే విధంగా పంపాలి. TSERC ప్రజాభిప్రాయ సేకరణను TSERC కోర్ట్ హాల్లో 10.06.2024 (సోమవారం) 11.00 గంటల నుండి నిర్వహించాలని ఉద్దేశిస్తోంది.

ప్రదేశం: హైదరాబాద్, తేది: 09.05.2024 సం/- కమిషన్ సెక్రటరీ

DIPR RO No.12096-PP/CL/Adv/1/2024-25, Dt: 08.05.2024

Appeared on 09.05.2024 in The Hindu and The New Indian Express

**TELANGANA STATE ELECTRICITY REGULATORY COMMISSION**  
5th Floor, Singareni Bhavan, Red Hills, Lakdi-ka-pul, Hyderabad 500 004.

**PUBLIC NOTICE**

The Commission as per the directions of Hon'ble High Court in its order dt. 12.02.2020 in W.P nos 21936 of 2018 & others, is taking up the matter of afresh determination of CSS for the FY 2005-06 to FY 2014-15 in I. A. No. 9 of 2017 in O. P. No. 16 of 2005, I. A. No. 10 of 2017 in O. P. No 13 of 2006, I. A. No. 11 of 2017 in O. P. No 5 of 2007, I. A. No. 12 of 2017 in O. P. No. 73 of 2012, I. A. No. 13 of 2017 in O. P. No. 74 of 2012, I. A. No. 14 of 2017 in O. P. No 75 of 2012, I. A. No 15 of 2017 in O. P. No. 76 of 2012, I. A. No. 16 of 2017 in O. P. No. 77 of 2012, O. P. No. 13 of 2017 & O. P. No. 14 of 2017. The detailed Public Notice along with all relevant documents and the Commission's proposals are uploaded in the website of TSERC. For further details please visit [www.tserc.gov.in](http://www.tserc.gov.in).

The Commission invites objections/suggestions on the Commission's proposals from the stake holders together with supporting material to be sent the Commission Secretary/ TSERC in person or through Registered Post so as to reach on or before **30-05-2024 by 5 PM**. TSERC intends to conduct public hearing on **10-06-2024 (Monday)** from **11:00 hrs** onwards in the Court Hall of TSERC.

Place : Hyderabad, Date : 09.05.2024  
R.O. No.: 1073-PP/CL-AGENCY/ADVT/1/2024-25

Sd/-  
COMMISSION SECRETARY

Appeared on 09.05.2024 in Munsif

**تلنگانہ اسٹیٹ برقی باقاعدگی کمیشن**  
پانچویں منزل، سنگارینی بھون، ریڈ ہلز، لکڑی کاپل، حیدرآباد 500004

**اعلان عام**

کمیشن آرمیٹل ہائی کورٹ کی جانب سے رٹ پٹیشن نمبرات 21936 of 2018 و دیگر، میں اس کے حکم نامہ مورخہ 12-02-2020 میں ہدایات کی روشنی میں O.P.No 16 of 2005، I.A.No.9 of 2017 میں O.P.No 13 of 2006، I.A.No. 10 of 2017 میں O.P.No. 5 of 2007، I.A.No. 11 of 2017 میں O.P.No. 73 of 2012، I.A.No. 12 of 2017 میں O.P.No. 74 of 2012، I.A.No. 13 of 2017 میں O.P.No. 75 of 2012، I.A.No. 14 of 2017 میں O.P.No. 76 of 2012، I.A.No. 15 of 2017 میں O.P.No. 77 of 2012، O.P. No. 13 of 2017 & O.P. No. 14 of 2017 کے بارے میں نیا فیصلہ کرنے کے لیے اس کی درخواستیں اور دستاویزات اور کمیشن کی تیار کردہ کاپی ای آر سی کے ویب سائٹ پر اپ لوڈ کر دیا گیا ہے۔ مزید تفصیلات کیلئے برائے کرم [www.tserc.gov.in](http://www.tserc.gov.in) وزٹ کریں۔

کمیشن کی جانب سے کمیشن کی تیار کردہ پرنٹیشن سے مع معاون مواد اعتراضات تیار کر کے مطلوب ہیں جن کا مورخہ 30-05-2024 بجے 5:00 شام کو یا اس سے قبل شخص طور پر یا بذریعہ رجسٹرڈ پوسٹ، کمیشن سیکریٹری ایس ای آر سی کو بھجوانے جانے چاہئیں۔ ٹی ایس ای آر سی کی جانب سے ٹی ایس ای آر سی کے کورٹ ہال میں 10-06-2024 (پیر) کو 11:00 بجے دن سے سامت عام کے انعقاد کا ارادہ ہے۔

مقام: حیدرآباد، تاریخ: 09-05-2024  
R.O.No:1073-PP/CL-AGENCY/ADVT/1/2024-25

شہر حدستخت:  
کمیشن سیکریٹری

**Annexure-IB  
Public Notice**


Appeared on 30.05.2024 in Sakshi and Eenadu

**తెలంగాణ స్టేట్ ఎలక్ట్రిసిటీ రెగ్యులేటరీ కమిషన్**  
5వ అంతస్తు, సింగరేణి భవన్, రెడ్ హిల్స్, హైదరాబాద్-500004

**బహిరంగ ప్రకటన**

గౌరవనీయ ఉన్నత న్యాయస్థానం, W.P.నం.21936 ఆఫ్ 2018 & ఇతరములలో తమ కామన్ ఆర్డర్ తేది: 12-02-2020లో ఇచ్చిన ఆదేశాలకు అనుగుణంగా FY 2005-06 నుండి 2014-15ల కొరకు విధించే క్రాస్ సబ్సిడీ నర్వార్డ్ నిర్ధారించు విషయంలో కమిషన్ స్టేట్ హోల్డర్ల నుండి అభ్యంతరాలు / సూచనలను స్వీకరించుటకు ఆఖరి తేదీని 30-05-2024 నుండి 15-06-2024కు పొడిగించినది. 10-06-2024న 11:00 గంటల నుండి నిర్వహించుటకు షెడ్యూల్ చేయబడిన ప్రజాభిప్రాయ సేకరణ వాయిదా వేయబడినది మరియు ప్రజాభిప్రాయ సేకరణ తరువాత తేది త్వరలోనే తెలియజేయబడుతుంది.  
DIPR RO No.98-PP/CL/Adv/1/2024-25, Dt:29-05-2024 సం/- కమిషన్ సెక్రటరీ

Appeared on 18.02.2024 in The Hindu ,The New Indian Express and Munsif

**TELANGANA STATE ELECTRICITY REGULATORY COMMISSION**  
5th Floor, Singareni Bhawan, Red Hills, Hyderabad - 500 004

**PUBLIC NOTICE**

In the matter of determination of Cross Subsidy Surcharge to be levied for the FYs 2005-06 to 2014-15 pursuant to directions given by the Hon'ble High Court in its common Order dated 12.02.2020 in W.P.No.21936 of 2018 & Others, the Commission has extended the last date for receiving objections/ suggestion from stakeholders from 30.05.2024 to 15.06.2024. The Public hearing scheduled on 10.06.2024 from 11.0 AM onwards is postponed and next hearing date will be intimated shortly

Sd/-  
COMMISSION SECRETARY

**DIPR R.O. No. : 8-PP/CL-AGENCY/ADVT/1/2024-25**

**తెలంగాణ ఎలక్ట్రిసిటీ రెగ్యులేటరీ కమిషన్**  
5వ అంతస్తు, సింగరేణి భవన్, రెడ్ హిల్స్, హైదరాబాద్-500004, తెలంగాణ

**బహిరంగ ప్రకటన**


WP.నం. 21936 ఆఫ్ 2018 & ఇతరములలో గౌరవ ఉన్నత న్యాయస్థానం, తమ కామన్ ఆర్డరు తేదీ :12.02.2020 ద్వారా ఇచ్చిన ఆదేశాలకు అనుగుణంగా FYలు 2005-06 నుండి 2014-15 కొరకు విధించబడే క్రాస్ సబ్సిడీ సర్చార్జ్ నిర్ధారించు విషయంలో- 26-06-2024న (బుధవారం) ఉ.11.00 గం. నుండి TGERC కోర్టు హాల్లో ప్రజాభిప్రాయ సేకరణను నిర్వహించాలని TGERC ఉద్దేశిస్తోంది.

ప్రదేశం : హైదరాబాద్  
తేదీ : 19.06.2024

సం/- కమిషన్ సెక్రటరీ

DIPR RO.No.911-PP/CL/Adv/1/2024-25, Dt: 20.06.2024

Appeared on 21.06.2024 in Deccan Chronicle , Times of India and Roznama  
Rashtriya Sahara

**TELANGANA ELECTRICITY REGULATORY COMMISSION**  
5th Floor, Singareni Bhawan, Red Hills, Hyderabad - 500 004, Telangana.

**PUBLIC NOTICE**

In the matter of determination of Cross Subsidy Surcharge to be levied for the FYs 2005-06 to 2014-15 pursuant to directions given by the Hon'ble High Court in its common Order dated 12.02.2020 in W.P.No.21936 of 2018 & Others - TGERC intends to conduct public hearing on 26.06.2024 (Wednesday) from 11:00 AM onwards in the Court hall of TGERC.

Place: Hyderabad, Date: 19.06.2024  
R.O.No: 94-PP/CL-AGENCY/ADVTH/2024-25

Sd/-  
Commission Secretary



**Annexure-II**  
**List of Stakeholders who Submitted the Written**  
**Objections/Suggestions**

Sl. No.	Name and address of the stakeholder
1	The Federation of Telangana Chambers of Commerce and Industry, Federation House, 11-6-841, Red Hills, Hyderabad 500 004
2	M/s Hyderabad Industries Limited (now HIL Limited), L7 Floor, SLN Terminus, Sy.No.133, Beside Botanical Garden, Gachibowli, Hyderabad 500 032
3	M/s Jai Raj Ispat Limited, Plot No.8, Phase-III, I.D.A., Jeedimetla, Hyderabad 500 055
4	M/s Devashree Ispat (P) Limited, 8-2-293/82, Plot No.86, Prashasan Nagar Road No.72, Jubilee Hills, Hyderabad 500 110
5	M/s Rain Cements Limited, 34, Srinagar Colony, Hyderabad 500 073
6	M/s Rain CII Carbon (Vizag) Limited, 34, Srinagar Colony, Hyderabad 500 073
7	M/s Zuari Cement Limited, Sitapuram, Dondapadu Village, Chintalapalem Mandal, Suryapet District
8	M/s VST Industries Ltd., P.O.Box No.1804, Azamabad, Hyderabad 500 020
9	Southern Power Distribution Company of Telangana Limited (TGSPDCL), Corporate Office, 6-1-50, Mint Compound, Hyderabad 500 063
10	Northern Power Distribution Company of Telangana Limited (TGNPDCL), Corporate Office, Vidyuth Bhavan, Nakkalagutta, Hanamkonda, Warangal
11	M/s MRF Limited, Medak Factory, P.B.No.2, Sadasivapet, Sangareddy District 502 291
12	M/s My Home Industries Private Limited, 9 <sup>th</sup> Floor, Block 3, My Home Hub, Madhapur, Hyderabad 500 081
13	M/s AGI Greenpac Limited, Vinayakarao Nagar, Moti Nagar, Hyderabad 500 018
14	M/s Ind Barath Energies Ltd., Sanpras Corporate Capital, # 115/1&amp, 115/29, 6 <sup>th</sup> Floor, Sheraton Towers, Financial District, Nanakramguda, Gachibowli, Hyderabad 500 032
15	M/s Mylan Laboratories Limited, 564/A/22, Road No.92, Jubilee Hills, Hyderabad 500 096
16	M/s Sri Luxmi Tulasi Agro Paper Pvt. Ltd., Main Road, Aswaraopeta, Khammam District 507 301
17	M/s Dr Reddy's Laboratories Limited, 8-2-337, Road No.3, Banjara Hills, Hyderabad 500 034
18	M/s Sagar Cements Limited, Mattampalli Mandal, Nalgonda District
19	M/s Taj GVK Hotels & Resorts Ltd, Unit Taj Krishna, Dr.No.6-3-249/10, Road No.1, Banjara Hills, Hyderabad 500 034
20	M/s The India Cements Limited, White House, Block-III B, II Floor, 6-3-1192/1/1, Kundanbagh, Begumpet, Hyderabad 500 016
21	M/s Indira Constructions, D.No.6-3-251, GVK ONE, Road No.1, Banjara Hills, Hyderabad 500 034.
22	M/s RPP Limited, 1-B, Arora Colony, Road No.3, Banjara Hills, Hyderabad 500 034
23	Telangana Iron & Steel Manufacturers Association, Flat No.101, 1 <sup>st</sup> Floor, Satya Sarovar Apartment, Ghansi Bazar, Near High Court, Hyderabad 500 002

**Annexure-III**  
**List of Stakeholders who participated in Public Hearing held on**  
**26.06.2024**

Sl. No.	Name and address of the stakeholder
1	The Federation of Telangana Chambers of Commerce and Industry, Federation House, 11-6-841, Red Hills, Hyderabad 500 004
2	M/s Jai Raj Ispat Limited, Plot No.8, Phase-III, I.D.A., Jeedimetla, Hyderabad 500 055
3	M/s Devashree Ispat (P) Limited, 8-2-293/82, Plot No.86, Prashasan Nagar Road No.72, Jubilee Hills, Hyderabad 500 110
4	M/s Rain Cements Limited, 34, Srinagar Colony, Hyderabad 500 073
5	M/s Rain CII Carbon (Vizag) Limited, 34, Srinagar Colony, Hyderabad 500 073
6	M/s Zuari Cement Limited, Sitapuram, Dondapadu Village, Chintalapalem Mandal, Suryapet District
7	M/s VST Industries Limited, P.O.Box No.1804, Azamabad, Hyderabad 500 020
8	M/s Hyderabad Industries Limited (now HIL Limited), L7 Floor, SLN Terminus, Sy.No.133, Beside Botanical Garden, Gachibowli, Hyderabad 500 032
9	Southern Power Distribution Company of Telangana Limited (TGSPDCL), Corporate Office, 6-1-50, Mint Compound, Hyderabad 500 063
10	Northern Power Distribution Company of Telangana Limited (TGNPDCL), Corporate Office, Vidyuth Bhavan, Nakkalagutta, Hanamkonda, Warangal
11	M/s My Home Industries Private Limited, 9 <sup>th</sup> Floor, Block 3, My Home Hub, Madhapur, Hyderabad 500 081
12	M/s AGI Greenpac Limited, Vinayakarao Nagar, Moti Nagar, Hyderabad 500 018
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14	M/s Mylan Laboratories Limited, 564/A/22, Road No.92, Jubilee Hills, Hyderabad 500 096
15	M/s Sri Luxmi Tulasi Agro Paper Pvt. Ltd., Main Road, Aswaraopeta, Khammam District 507 301
16	M/s Dr Reddy's Laboratories Limited, 8-2-337, Road No.3, Banjara Hills, Hyderabad 500 034
17	M/s Sagar Cements Limited, Mattampalli Mandal, Nalgonda District
18	M/s Taj GVK Hotels & Resorts Ltd, Unit Taj Krishna, Dr.No.6-3-249/10, Road No.1, Banjara Hills, Hyderabad 500 034
19	M/s The India Cements Limited, White House, Block-III B, II Floor, 6-3-1192/1/1, Kundanbagh, Begumpet, Hyderabad 500 016
20	M/s Indira Constructions, D.No.6-3-251, GVK ONE, Road No.1, Banjara Hills, Hyderabad 500 034
21	M/s RPP Limited, 1-B, Arora Colony, Road No.3, Banjara Hills, Hyderabad 500 034
22	Telangana Iron & Steel Manufacturers Association, Flat No.101, 1 <sup>st</sup> Floor, Satya Sarovar Apartment, Ghansi Bazar, Near High Court, Hyderabad 500 002