



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

Dated 19.04.2024

Present

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

O.P.No.076 of 2015

Southern Power Distribution Company of Telangana Limited (TSSPDCL)

O.P.No.077 of 2015

Northern Power Distribution Company of Telangana Limited (TSNPDCL)

... Applicants

In the matter of afresh determination of Cross Subsidy Surcharge (CSS) for FY 2015-16 as per the directions of Hon'ble Supreme Court in its order dated 07.11.2023.

COMMON ORDER

**CHAPTER-1
INTRODUCTION**

1.1 BACKGROUND

- 1.1.1 Southern Power Distribution Company of Telangana Limited (TSSPDCL) and Northern Power Distribution Company of Telangana Limited (TSNPDCL) (hereinafter combinedly referred as Licensees or Petitioners or TSDiscoms) have filed separate petitions viz., O.P.No.076 of 2015 by TSSPDCL and O.P.No.077 of 2015 by TSNPDCL, under Section 64 of the Electricity Act, 2003 before the Commission on 07.02.2015 for determination of Cross Subsidy Surcharge (CSS) along with ARR and Tariff proposals for FY 2015-16.
- 1.1.2 The Commission in two (2) separate orders dated 27.03.2015 read with its amendments has specified the CSS applicable to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2015-16 besides approving the ARR and Retail

Supply Tariffs for FY 2015-16. The details of CSS as claimed by the licensees and approved by the Commission is as given below:

Table 1.1: The details of CSS as claimed and approved in Order dated 27.03.2015

Particulars	Average Realization	Marginal PP	Wheeling Charges	Applicable Loss	CSS
	Rs./kWh	Rs./kWh	Rs./kWh	%	Rs/kWh
As claimed by the Licensees in their petitions					
TSSPDCL					
HT Category at 11 kV					
HT-I Incl. Segregated	8.12	5.80	0.36	12.46%	1.13
HT-II Industrial Non-Segregated	10.01	5.80	0.36	12.46%	3.02
HT-III Airport, Bus and Railway Station	12.15	5.80	0.36	12.46%	5.15
HT Category at 33 kV					
HT-I Incl. Segregated	6.72	5.80	0.12	7.85%	0.30
HT-II Industrial Non-Segregated	8.77	5.80	0.12	7.85%	2.35
HT Category at 132 kV					
HT-I Incl. Segregated	6.26	5.80	0.11	4.02%	0.11
HT-II Industrial Non-Segregated	8.89	5.80	0.11	4.02%	2.73
HT-V Railway Traction	6.94	5.80	0.11	4.02%	0.79
TSNPDCL					
HT Category at 11 kV					
HT-I Incl. Segregated	8.14	5.85	0.44	11.78%	1.06
HT-II Industrial Non-Segregated	9.28	5.85	0.44	11.78%	2.21
HT-III Airport, Bus and Railway Station	8.63	5.85	0.44	11.78%	1.56
HT Category at 33 kV					
HT-I Incl. Segregated	6.66	5.85	0.13	7.86%	0.18
HT-II Industrial Non Segregated	10.56	5.85	0.13	7.86%	4.08
HT Category at 132 kV					
HT-I Incl. Segregated	6.25	5.85	0.11	4.02%	0.05
HT-II Industrial Non-Segregated	10.56	5.85	0.11	4.02%	4.36
HT-V Railway Traction	6.75	5.85	0.11	4.02%	0.55
As approved/determined by the Commission in its order dated 27.03.2015					
TSSPDCL					
HT Category at 11 kV					
HT-I Industry General	3036.43	2452.33	8.08	6.01	2.07
HT-II Others	1233.61	1231.98	9.99	6.01	3.98
HT-III Airport, Bus & Rly Stns	4.81	5.84	12.15	6.01	3.32*
HT Category at 33 kV					
HT-I Industry General	5071.48	3449.57	6.80	5.51	1.29
HT-II Others	599.35	522.96	8.73	5.51	3.22
HT Category at 132 kV					
HT-I Industry General	2160.55	1362.85	6.31	5.38	0.93
HT-II Others	72.63	64.64	8.90	5.38	2.98*
HT-III Airport, Bus & Rly Stns	63.95	44.07	6.89	5.38	1.51
HT-V Railway Traction	200.42	136.29	6.80	5.38	1.42
TSNPDCL					
HT Category at 11 kV					
HT-I Industry General	564.24	455.80	8.08	6.07	2.00
HT-II Others	100.40	92.55	9.22	6.07	3.14
HT-III Airport, Bus & Rly Stns	8.63	7.45	8.63	6.07	2.55
HT Category at 33 kV					
HT-I Industry General	173.49	122.33	7.05	5.51	1.54
HT-II Others	9.74	10.22	10.48	5.51	3.04*

Particulars	Average Realization	Marginal PP	Wheeling Charges	Applicable Loss	CSS
	Rs./kWh	Rs./kWh	Rs./kWh	%	Rs/kWh
HT Category at 132 kV					
HT-I Industry General	585.96	363.82	6.21	5.38	0.83
HT-II Others	1.74	2.05	11.83	5.38	2.90*
HT-III Airport, Bus & Rly Stns	0.00	0.00	-	5.38	-
HT-V Railway Traction	470.83	320.16	6.80	5.38	1.42

“*” *The surcharge rates calculated found to be abnormally high as the volume of energy consumption for this sub-sector is very low as compared to the cost of service. The commission decided to normalize the Cross-Subsidy rates comparing with those of HT-II Others.*

CSS rates determined in the above-said order dated 27.03.2015 are:

- a) *Effective from 1st May, 2015 to 31st March, 2016.*
- b) *Applicable to different categories of consumers availing open access, except to those consumers who are availing solar power through open access from Solar Generators located within the State of Telangana, to whom the CSS is exempted, at different voltages in the area of supply of the respective licensees.*

1.1.3 The said CSS order of the Commission was challenged before the Hon’ble High Court of Telangana and the Hon’ble High Court in its order dated 29.10.2018 has allowed the writ petitions. The relevant portion of the judgment is reproduced hereunder:

“The writ Petitions are allowed and the order dt.27-03-2015 of the Commission in so far as fixation of the cross-subsidy surcharge for HT-I Industry General category for 33 kV supply is declared as contrary to the law, arbitrary, unsustainable and is accordingly set aside; and the cross-subsidy surcharge for HT-1 Industry General category for 33 kV supply is declared as Rs.0.30 per kWh as was sought by the Discom for the financial year 2015-16.

Consequently, the demands raised by the Discom on the petitioners on the basis of the order dt.27-03-2015 passed by the Commission are declared illegal and are also set aside”

1.1.4 Aggrieved by the order of the learned Single Judge, the Commission along with licensees have preferred appeals before the Division Bench of the Hon’ble High Court. The Division Bench of the Hon’ble High Court rejected the appeals W.A.No.1672 of 2018 & batch by order dated 11.03.2019.

1.1.5 Aggrieved by the order of the Division Bench of the Hon’ble High Court, the licensees have preferred an appeal before the Hon’ble Supreme Court in Civil Appeal No.7517-7536 of 2023 (SLP No.14047-14066 of 2019). The Hon’ble Supreme Court disposed of the appeals by order dated 07.11.2023 and the relevant operating portion of it is extracted below:

- “5. *Having considered the aforesaid facts and also the findings of the learned Single Judge that no opportunity had been given and no public notice had been issued while increasing the CSS, we find that the view taken by the learned Single Judge as affirmed by the Division Bench is not correct. The High Court should not have taken upon itself to determine the tariff of CSS, rather it should have been left to the expert body which is the Commission. Further, there was a remedy of appeal available to the respondents to challenge the order of the Commission, if so aggrieved, on admissible grounds.*
 6. *Accordingly, we allow these appeals, set aside the impugned order(s) passed by the High Court as also the Commission and remit the matters back to the Regulatory Commission to decide the issue of CSS afresh after following due procedure prescribed under law and affording due opportunities to the parties concerned.*
 7. *As the matter relates to the year 2015, we direct the Commission to take a fresh decision, as directed above, within a period of three months from the date of a certified copy being filed before it by either of the parties.*
 8. *It goes without saying that the parties shall extend full cooperation in the hearing of the matters.*
 9. *It is made clear that any observation made in the impugned order(s) by the High Court would not come in the way of the Commission in taking a fresh decision.*
 10. *With the above observations, the appeals are allowed.”*
- 1.1.6 Either of the parties have not filed the certified copy before the Commission. However, the Assistant Registrar, Hon’ble High Court for the State of Telangana, vide letter No.T&P.S.C.No.776/2023 dated 30.12.2023 (received on 09.01.2024) has communicated a copy of the Order dated 07.11.2023 passed by the Hon’ble Supreme Court of India in Civil Appeal Nos.7517-7536, 7545-7552 and 7553-5760 of 2023 for information and necessary action. As such, and as per the directions of the Hon’ble Supreme Court in the above said order dated 07.11.2023 the Commission has decided to take up the matter afresh in the matter of determination of CSS for FY 2015-16 duly following the procedure prescribed under law i.e., as per the provisions of the Electricity Act 2003, Tariff Policy 2006 [applicable during the period of FY 2015-16] and affording due opportunities to the parties concerned. Subsequently, TSSPDCL vide letter No.CGM(RAC)/SE(RAC)/DE(RAC)/F.B-65(III)/D.No.730/24 dated 06.02.2024 has submitted the certified copies of the orders of Hon’ble Supreme Court in the matter of determination of CSS for FY 2015-16.

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 [applicable during the period of FY 2015-16] is as indicated below.
- 1.2.4 As per the Tariff Policy notified by MoP on 6th 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 The formula prescribed by Tariff Policy dated 6th January 2006 for computation of CSS is as given below:

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

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;

1.3 THE PROPOSALS OF THE COMMISSION

- 1.3.1 The filings of the licensees in O.P.Nos.076 & 077 of 2015 for determination of CSS for FY2015-16 and the present proposals of the Commission as per the directions of the Hon'ble Supreme Court in the judgment dated 07.11.2023 for afresh determination of CSS for FY 2015-16 based on the formula as specified in Tariff Policy, 2006 [applicable during the period FY 2015-16] to different categories of consumers availing open access in Transmission and Distribution systems at different voltages during FY 2015-16 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 afresh determination of CSS for FY 2015-16 on 24.01.2024 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/TSERC in person or through Registered Post so as to reach on or before 15.02.2024 by 5 pm and also informing that in this regard the Commission shall conduct Public Hearing on 22.02.2024 from 11:00 hours onwards at TSERC Court Hall, Hyderabad. The copies of the daily newspaper clippings of the Public Notice are placed in Annexure-IA.
- 1.4.2 In addition to the above individual notices were served to all the parties involved in the proceedings intimating the due date for submission of comments/suggestions and the date of public hearing.
- 1.4.3 The Public Notice as well as all the relevant documents and calculations sheets were uploaded on the website of TSERC viz., www.tserc.gov.in.

1.5 POSTPONEMENT OF PUBLIC HEARING

- 1.5.1 As per request of the stakeholders the last date for receiving objections/suggestions was extended upto 22.02.2024 and public hearing rescheduled to 28.02.2024. The copies of the daily newspaper clippings of the Public Notice with regard to postponement of public hearings are placed in Annexure-IB.

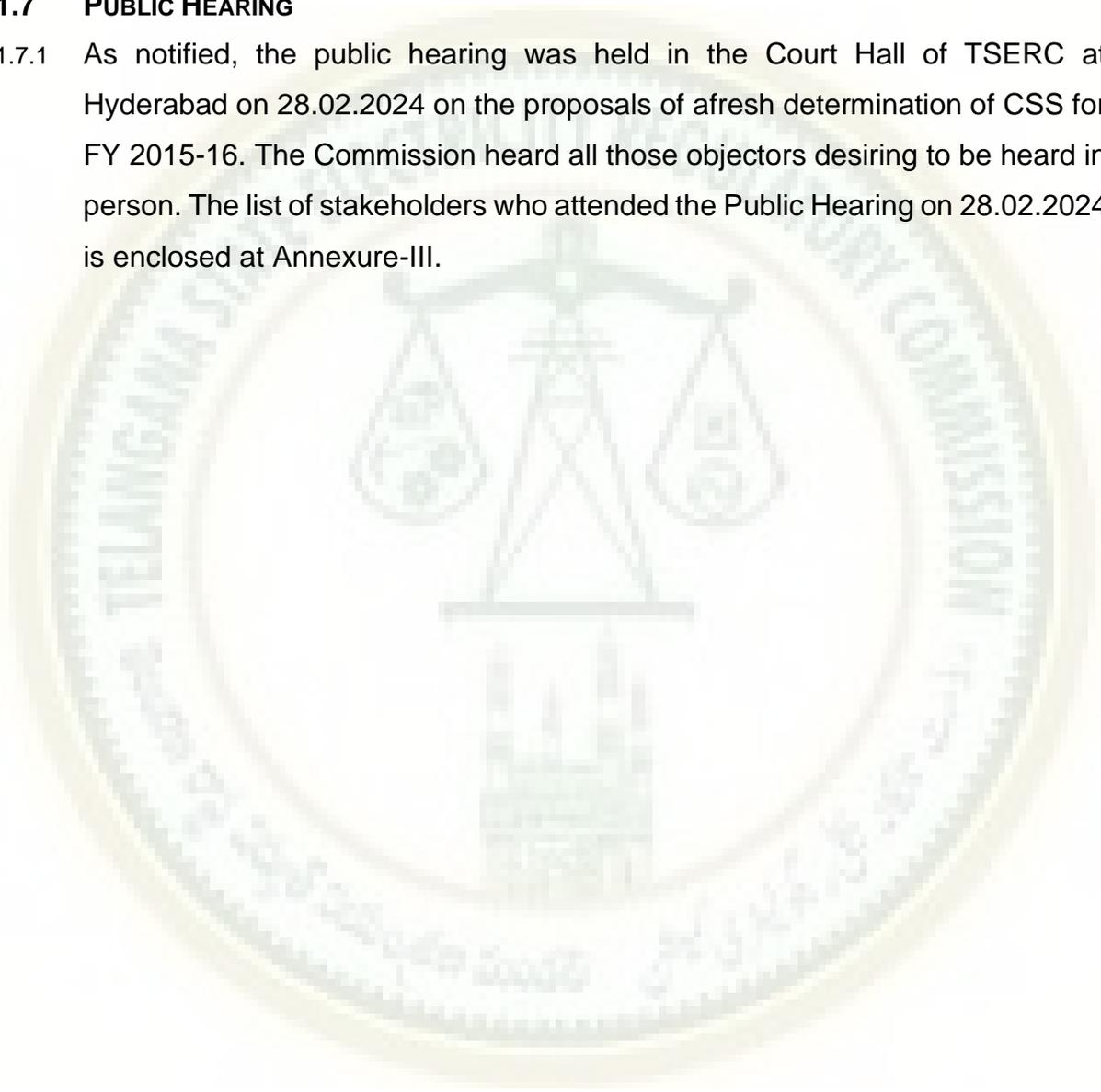
1.6 RESPONSE TO PUBLIC NOTICE

1.6.1 In response to the public notice, objections/suggestions were received from twenty-two (22) stakeholders. The list of stakeholders who submitted objections/suggestions is enclosed at Annexure-II.

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

1.7 PUBLIC HEARING

1.7.1 As notified, the public hearing was held in the Court Hall of TSERC at Hyderabad on 28.02.2024 on the proposals of afresh determination of CSS for FY 2015-16. The Commission heard all those objectors desiring to be heard in person. The list of stakeholders who attended the Public Hearing on 28.02.2024 is enclosed at Annexure-III.



CHAPTER-2 TSDISCOMS FILINGS & PRESENT PROPOSAL OF THE COMMISSION

2.1 TSDISCOMS FILINGS ON CSS DETERMINATION FOR FY 2015-16

[page 81 to 84 of TSSPDCL ARR & FPT filings including CSS for FY 2015-16]
[page 85 to 87 of TSNPDCL ARR & FPT filings including CSS for FY 2015-16]

Provisions under the Tariff Policy–2006 - CSS and additional surcharge for open access

2.1.1 When open access is allowed the surcharge for the purpose of Sections 38, 39, 40 and sub-section 2 of Section 42 would be computed as the difference between:

- (i) The tariff applicable to the relevant category of consumers and
- (ii) The cost of the distribution licensee to supply electricity to the consumers of the applicable class.

2.1.2 In case of a consumer opting for open access, the distribution licensee could be in a position to discontinue purchase of power at the margin in the merit order. Accordingly, the cost of supply to the consumer for this purpose may be computed as the aggregate of

- (a) The weighted average of power purchase costs (inclusive of fixed and variable charges) of top 5% power 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;

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

Where,

- 'S' is the surcharge;
- 'T' is the Tariff payable by the relevant category of consumers;
- 'C' is the Weighted average cost of power purchase of top 5% at the margin excluding liquid fuel-based generation and renewable power;
- 'L' is the system Losses for the applicable voltage level, expressed as a percentage;
- 'D' is the wheeling charge;

2.1.3 The Commission, in 2012-13 determined the CSS for various categories of consumers based on the embedded cost methodology and no cross subsidy for FY 2013-14. The Commission is of the opinion that Embedded Cost Approach is the most appropriate approach since the embedded accounting costs are actually used to allocate costs to various consumer categories and to

determine the current level of cross subsidy.

- 2.1.4 As per Tariff Policy, 2006 the CSS has to be determined based on avoided cost methodology. In view of this, the licensee would like to file a proposal for determination of CSS for Open Access transactions along with this ARR filing for FY 2015-16. It may be noted that the licensee has adopted the methodology stated in the Tariff Policy, 2006 for determination of CSS. The CSS as filed by TSDiscoms for each category is as shown below:

Table 2.1: The CSS for FY 2015-16 as filed by TSDiscoms

Particulars	Average Realization	Marginal PP	Wheeling Charges	Applicable Loss	CSS
	Rs./kWh	Rs./kWh	Rs./kWh	%	Rs/kWh
TSSPDCL					
HIGH TENSION					
HT Category at 11 kV					
HT-I Indl. Segregated	8.12	5.80	0.36	12.46%	1.13
HT-II Industrial Non-Segregated	10.01	5.80	0.36	12.46%	3.02
HT-III Airport, Bus and Railway Station	12.15	5.80	0.36	12.46%	5.15
HT-IV Govt. Lift Irrigation, Agriculture and CPWS	5.21	5.80	0.36	12.46%	0.00
HT-VI Townships and Residential Colonies	6.27	5.80	0.36	12.46%	0.00
HT-VII Green Power	0.00	5.80	0.36	12.46%	0.00
Temporary	9.13	5.80	0.36	12.46%	2.14
RESCOs	0.00	5.80	0.36	12.46%	0.00
HT Category at 33 kV					
HT-I Indl. Segregated	6.72	5.80	0.12	7.85%	0.30
HT-II Industrial Non-Segregated	8.77	5.80	0.12	7.85%	2.35
HT-III Airport, Bus and Railway Station	0.00	5.80	0.12	7.85%	0.00
HT-IV Govt. Lift Irrigation, Agriculture and CPWS	5.51	5.80	0.12	7.85%	0.00
HT-VI Townships and Residential Colonies	6.33	5.80	0.12	7.85%	0.00
HT-VII Green Power	0.00	5.80	0.12	7.85%	0.00
Temporary	0.00	5.80	0.12	7.85%	0.00
RESCOs	0.00	5.80	0.12	7.85%	0.00
HT Category at 132 kV					
HT-I Indl. Segregated	6.26	5.80	0.11	4.02%	0.11
HT-II Industrial Non-Segregated	8.89	5.80	0.11	4.02%	2.73
HT-III Airport, Bus and Railway Station	6.94	5.80	0.11	4.02%	0.79
HT-IV Govt. Lift Irrigation, Agriculture and CPWS	5.68	5.80	0.11	4.02%	0.00
HT-V Railway Traction	6.73	5.80	0.11	4.02%	0.58
HT-VI Townships and Residential Colonies	0.00	5.80	0.11	4.02%	0.00
HT-VII Green Power	0.00	5.80	0.11	4.02%	0.00
Temporary	0.00	5.80	0.11	4.02%	0.00
RESCOs	0.00	5.80	0.11	4.02%	0.00

Particulars	Average Realization	Marginal PP	Wheeling Charges	Applicable Loss	CSS
	Rs./kWh	Rs./kWh	Rs./kWh	%	Rs/kWh
TSNPDCL					
HT Category at 11 kV					
HT-I Indl. Segregated	8.14	5.85	0.44	11.78%	1.06
HT-II Industrial Non-Segregated	9.28	5.85	0.44	11.78%	2.21
HT-III Airport, Bus and Railway Station	8.63	5.85	0.44	11.78%	1.56
HT-IV Govt. Lift Irrigation, Agriculture and CPWS	5.46	5.85	0.44	11.78%	0.00
HT-VI Townships and Residential Colonies	6.20	5.85	0.44	11.78%	0.00
HT-VII Green Power	0.00	5.85	0.44	11.78%	0.00
Temporary	0.00	5.85	0.44	11.78%	0.00
RESCOs	0.93	5.85	0.44	11.78%	0.00
HT Category at 33 kV					
HT-I Indl. Segregated	6.66	5.85	0.13	7.86%	0.18
HT-II Industrial Non Segregated	10.56	5.85	0.13	7.86%	4.08
HT-III Airport, Bus and Railway Station	0.00	5.85	0.13	7.86%	0.00
HT-IV Govt. Lift Irrigation, Agriculture and CPWS	5.71	5.85	0.13	7.86%	0.00
HT-VI Townships and Residential Colonies	6.15	5.85	0.13	7.86%	0.00
HT-VII Green Power	0.00	5.85	0.13	7.86%	0.00
Temporary	0.00	5.85	0.13	7.86%	0.00
RESCOs	0.93	5.85	0.13	7.86%	0.00
HT Category at 132 kV					
HT-I Indl. Segregated	6.25	5.85	0.11	4.02%	0.05
HT-II Industrial Non-Segregated	10.56	5.85	0.11	4.02%	4.36
HT-III Airport, Bus and Railway Station	0.00	5.85	0.11	4.02%	0.00
HT-IV Govt. Lift Irrigation, Agriculture and CPWS	5.70	5.85	0.11	4.02%	0.00
HT-V Railway Traction	6.75	5.85	0.11	4.02%	0.55
HT-VI Townships and Residential Colonies	6.15	5.85	0.11	4.02%	0.00
HT-VII Green Power	0.00	5.85	0.11	4.02%	0.00
Temporary	0.00	5.85	0.11	4.02%	0.00
RESCOs	0.00	5.85	0.11	4.02%	0.00

2.1.5 Following have been used to compute category wise cross subsidy.

- Average realization from the proposed tariffs
- Marginal power purchase cost i.e., 5% of energy requirement – Rs.5.80/Unit
- Wheeling charges and Losses computed at 80% load factor considering wheeling charges being approved by the Commission.

2.2 PRESENT PROPOSALS OF THE COMMISSION ON DETERMINATION OF CSS FOR FY 2015-16

2.2.1 Based on the filings of the licensees in O.P.Nos.076 & 077 of 2015 and as per the directions of the Hon'ble Supreme Court vide judgement dated 07.11.2023 the Commission has taken up the matter afresh, in the matter of determination

of CSS for FY 2015-16 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 [applicable during the period of FY 2015-16]. The Commission has now proposed afresh determination of CSS for FY 2015-16 considering the formula as specified in Tariff Policy, 2006 [applicable during the period FY 2015-16] to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2015-16 as detailed below:

Table 2.2: The Commission's proposal for afresh determination of CSS for FY 2015-16

Particulars	Tariff payable by the relevant category of consumer i.e., Average Revenue Realization	Weighted average cost of power purchase of top 5% at the margin	System Losses for the applicable voltage level	Wheeling Charge	CSS in Rs./kWh
	(T)	(C)	(L)	(D)	(S)=T-[C(1+L/100)+D]
<u>TSSPDCL</u>					
HT Category at 11 kV					
HT-I(A) Industry - General	8.0763	5.0578	12.46	0.2295	2.16
HT-II Others	9.9868	5.0578	12.46	0.2295	4.07
HT-III Airport, Bus Stations and Railway Stations	12.1496	5.0578	12.46	0.2295	6.23
HT Category at 33 kV					
HT-I(A) Industry General	6.8019	5.0578	7.85	0.0207	1.33
HT-II Others	8.7255	5.0578	7.85	0.0207	3.25
HT Category at 132 kV and above					
HT-I(A) Industry - General	6.3079	5.0578	4.02	0.1065	0.94
HT-II Others	8.9005	5.0578	4.02	0.1065	3.53
HT-III Airport, Bus Stations and Railway Stations	6.8909	5.0578	4.02	0.1065	1.52
HT-V Railway Traction	6.8000	5.0578	4.02	0.1065	1.43
<u>TSNPDCL</u>					
HT Category at 11 kV					
HT-I(A) Industry - General	8.0763	5.0578	11.78	0.3419	2.08
HT-II Others	9.2185	5.0578	11.78	0.3419	3.22
HT-III Airport, Bus Stations and Railway Stations	8.6281	5.0578	11.78	0.3419	2.63
HT Category at 33 kV					
HT-I(A) Industry - General	7.0510	5.0578	7.86	0.0181	1.58
HT-II Others	10.4838	5.0578	7.86	0.0181	5.01

Particulars	Tariff payable by the relevant category of consumer i.e., Average Revenue Realization	Weighted average cost of power purchase of top 5% at the margin	System Losses for the applicable voltage level	Wheeling Charge	CSS in Rs./kWh
	(T)	(C)	(L)	(D)	(S)=T-[C(1+L/100)+D]
HT Category at 132 kV and above					
HT-I(A) Industry - General	6.2089	5.0578	4.02	0.1065	0.84
HT-II Others	11.8289	5.0578	4.02	0.1065	6.46
HT-V Railway Traction	6.8000	5.0578	4.02	0.1065	1.43

The CSS rates for FY 2015-16 proposed above are:

- Effective from 1st April, 2015 to 31st March, 2016.
- Applicable to different categories of consumers availing open access, except to those consumers who are availing solar power through open access from Solar Generators located within the State of Telangana, to whom the CSS is exempted, at different voltages in the area of supply of the respective licensees.

2.2.2 The detailed calculations in arriving at the above rates of CSS for FY 2015-16 are shown in Tables below:

Table 2.3: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers)

Particulars	Sales (MU)		Revenue (Rs. Cr.)		Average Revenue Realization (Rs./kWh)	
	TSNPDCL	TSSPDCL	TSNPDCL	TSSPDCL	TSNPDCL	TSSPDCL
HT-I(A) Industry - General	564.24	3036.43	455.80	2452.33	8.0763	8.0763
HT-II Others	100.40	1233.61	92.55	1231.98	9.2185	9.9868
HT-III Airports, Bus Stations and Railway Stations	8.63	4.81	7.45	5.84	8.6281	12.1496
HT-I(A) Industry - General	173.49	5071.48	122.33	3449.57	7.0510	6.8019
HT-II Others	9.74	599.35	10.22	522.96	10.4838	8.7255
HT-I(A) Industry - General	585.96	2160.55	363.82	1362.85	6.2089	6.3079
HT-II Others	1.74	72.63	2.05	64.64	11.8289	8.9005
HT-III Airports, Bus Stations and Railway Stations.	-	63.95	0.00	44.07	-	6.8909
HT-V Railway Traction	470.83	200.42	320.16	136.29	6.8000	6.8000

Note: Category-wise Sales and Revenue have been considered as approved in Retail Supply Tariff Order for FY 2015-16

Table 2.4: Weighted Average Cost of Power Purchase of Top 5% at the Margin (C)

Station	Avg. Cost	Total	TSNPDCL	TSSPDCL	TSNPDCCL	TSSPDCL
	Rs./kWh	Despatch MU	MU	MU	PP Cost Rs. Cr	PP Cost Rs. Cr
Total Hydro	1.85	4037.64	1189.08	2848.55	219.62	526.12
NPC-MAPS	2.14	132.13	38.91	93.21	8.31	19.92
Talcher Stage 2	2.21	1371.46	403.90	967.57	89.09	213.43
Stage-II	2.81	618.86	182.25	436.60	51.16	122.57
Stage-I	2.85	322.88	95.09	227.79	27.14	65.02
KTPS D	2.99	1766.97	520.37	1246.60	155.52	372.55
NPC-Kaiga unit I	3.03	419.45	123.53	295.92	37.38	89.55
NTPC (SR)	3.04	2183.36	643.00	1540.36	195.40	468.09
BSES	3.14	250.65	73.82	176.84	23.21	55.59
NPC-Kaiga unit II	3.17	444.79	130.99	313.80	41.55	99.54
APGPCL II – Allocated Capacity	3.26	72.55	21.36	51.18	6.96	16.67
Vallur Thermal Power Plant	3.32	612.33	180.33	432.00	59.81	143.28
RTS B	3.53	219.38	64.61	154.77	22.78	54.58
NTPC (SR) Stage III	3.54	559.33	164.72	394.61	58.30	139.67
Kakatiya Thermal Power Plant Stage II	3.56	2269.33	668.32	1601.02	237.90	569.92
Thermal Power	3.59	1990.99	586.35	1404.64	210.40	504.03
NTPC Simhadri Stage I	3.63	3718.97	1095.24	2623.74	397.16	951.43
KTPS C	3.63	832.85	245.27	587.58	88.98	213.16
KTPS A	3.64	824.03	242.68	581.35	88.26	211.42
Kondapalli (Gas)	3.65	536.17	157.90	378.27	57.70	138.22
KTPS B	3.67	788.78	232.30	556.48	85.36	204.50
APGPCL I – Allocated Capacity	3.79	19.34	5.70	13.64	2.16	5.17
KSK Mahanadi (MT)	3.88	1570.60	462.54	1108.06	179.61	430.27
VTPS I	3.98	1053.25	310.18	743.07	123.57	296.02
Kakatiya Thermal Power Plant Stage I	3.99	1910.01	562.50	1347.51	224.59	538.03
VTPS II	4.00	1039.77	306.21	733.56	122.33	293.06
Spectrum	4.04	499.18	147.01	352.17	59.38	142.26
Hinduja	4.04	3652.74	1075.73	2577.01	434.68	1041.32
VTPS III	4.10	928.14	273.34	654.80	112.13	268.61
VTPS IV	4.32	1938.65	570.93	1367.72	246.55	590.64
NTPC Simhadri Stage II	4.32	1656.25	487.77	1168.48	210.90	505.23
Tuticorn	4.74	841.31	247.77	593.54	117.43	281.32
KTPS Stage VI	4.75	1565.10	460.92	1104.18	219.03	524.72
RTPP Stage-II	4.76	324.20	95.48	228.72	45.46	108.90
GVK	4.85	126.86	37.36	89.50	18.11	43.39
Damodaram Sanjeevaiah Thermal power plant – I	5.06	2824.91	831.93	1992.97	420.78	1008.00
Damodaram Sanjeevaiah Thermal power plant – II	5.06	2824.91	178.68	2646.22	90.38	1338.41
Total		46748.11	13114.07	33634.04	4789.10	12594.61
5% top Margin Purchase Required		2337.41	655.70	1681.70	331.64	850.57
Attributable price/unit for 5% Top Margin Purchases as per TP					5.0578	5.0578

Note: Power purchase cost is considered as approved in RST order for FY 2015-16.

Table 2.5: System Losses for Applicable Voltage Level in % (L)

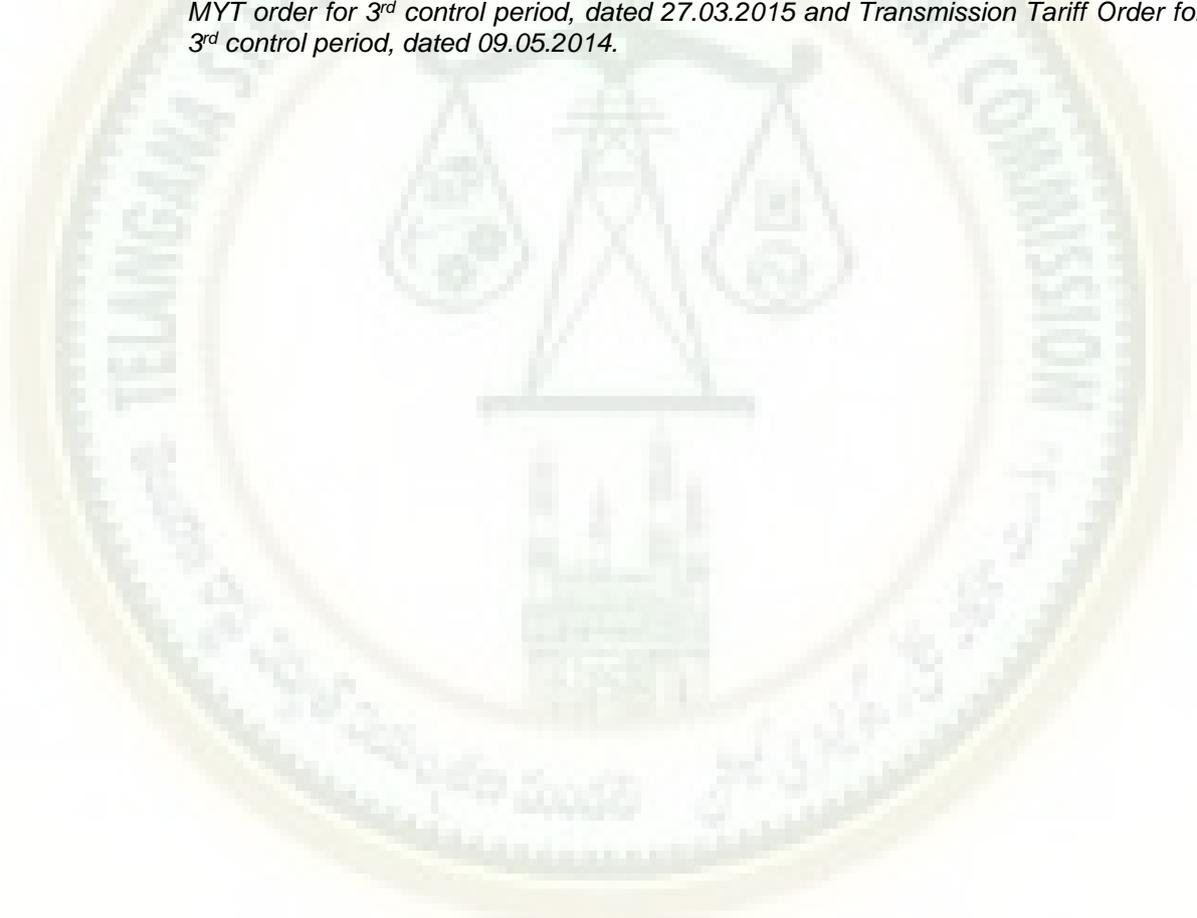
Voltage level	TSSPDCL	TSNPDCL
132 kV and above	4.02	4.02
Upto 33 kV	7.85	7.86
Upto 11kV	12.46	11.78

Note: System losses up to each voltage level is calculated based on the wheeling losses and transmission losses approved in Wheeling MYT order for 3rd control period, dated 27.03.2015 and Transmission Tariff Order for 3rd control period, dated 09.05.2014

Table 2.6: Wheeling Charges (D)

Wheeling Charges			Wheeling Charges		
Voltage	TSNPDCL	TSSPDCL	Voltage	TSNPDCL	TSSPDCL
	Rs./kW/month			Rs./kWh	
132 kV and above	76.66	76.66	132 kV and above	0.11	0.11
33 kV	13.74	15.71	33 kV	0.02	0.02
11 kV	259.09	173.97	11 kV	0.34	0.23

Note: Wheeling charges and transmission charges are considered as approved in Wheeling MYT order for 3rd control period, dated 27.03.2015 and Transmission Tariff Order for 3rd control period, dated 09.05.2014.



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 a total twenty-two (22) stakeholders have filed their written objections/suggestions on afresh proposals for determination of CSS for FY 2015-16. TSDiscoms as directed by the Commission has filed replies on the objections/suggestions received from the stakeholders. For the sake of clarity, the objections/suggestions raised by the stakeholders and responses of the TSDiscoms 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 28.02.2024 and the responses to them by the Licensees.

3.2 INFORMATION ON CSS PROPOSALS

Stakeholder's Submissions

3.2.1 The stakeholders have submitted that the TSDiscoms in their original proposal have sought to levy 30 paise per unit in respect of 33 kV voltage consumers and 11 paise per unit in respect of 132 kV consumers.

3.2.2 The stakeholder has submitted that the utilities have not made any fresh filings/submissions for determination of CSS for FY 2015-16. Other stakeholders have requested to furnish the present proposals of TSDiscoms and subsequent orders of the Hon'ble Supreme Court and also requested for extension of two (2) weeks' time for submission of objections/suggestions.

3.2.3 Some stakeholders have stated that there is no communication from the Commission pursuant to the requests made by some of the consumers seeking some information.

Licensee's Reply

3.2.4 The Hon'ble Supreme Court directed the Commission to determine the CSS afresh duly providing paper publication, inviting comments, and providing opportunities to the petitioners/objectors in the public hearing. No fresh proposals are required to be filed by TSDiscoms before the Commission, as per the operative portion of the relevant order of the Hon'ble Supreme Court

dated 07.11.2023.

“Accordingly, we allow these appeals, set aside the impugned order(s) passed by the High Court as also the Commission and remit the matters back to the Regulatory Commission to decide the issue of CSS afresh after following due procedure prescribed under law and affording due opportunities to the parties concerned.”

Commission’s View

- 3.2.5 As per the directions of Hon’ble Supreme Court in its order dated 07.11.2023, and the powers vested in it the Commission has taken up the matter afresh based on the approved figures for determination of CSS for FY 2015-16 duly following the procedure prescribed under law.
- 3.2.6 The original filings of TSDiscoms with all relevant documents including the order of Hon’ble Supreme Court are placed in the Commission’s website along with the public notice.
- 3.2.7 The proposals of the Commission are based on the directions of Hon’ble Supreme Court.
- 3.2.8 As per the request of the stakeholders the last date for receiving objections/ suggestions was extended upto 22.02.2024 and public hearing was rescheduled on 28.02.2024.

3.3 DISCREPANCIES IN CSS CALCULATIONS

Stakeholder’s Submissions

- 3.3.1 The calculations of CSS for 132 kV and 33 kV category of consumers proposed by the Commission and the discrepancies found by the stakeholder are furnished with a request to rectify the same in the interest of justice.

Licensee’s Reply

- 3.3.2 In the order dated 27.03.2015, the CSS calculations for 132 kV, 33 kV, 11 kV were done by grossing up the average PP cost with transmission losses at 132 kV, 33 kV, 11 kV respectively (Refer to Annexure 4 of CSS Order dated 27.03.2015).
- 3.3.3 In the present proposed CSS determination for FY 2015-16, the calculations were done using the same formula adopted by TSDiscoms (as outlined in the Tariff Policy, 2006) and the CSS has been computed using system losses up to each voltage level which are calculated based on the wheeling losses and

transmission losses approved in Wheeling MYT order for 3rd control period, dated 27.03.2015 and Transmission Tariff Order for 3rd control period, dated 09.05.2014 (refer to Annexure 3 of CSS Order dated 24.01.2024).

- 3.3.4 Hence, TSDiscoms request the Commission to consider the same and approve CSS for FY 2015-16 as per the proposals dated 24.01.2024.

Commission's View

- 3.3.5 As per the directions of Hon'ble Supreme Court in its order dated 07.11.2023, the Commission has taken up the matter afresh for determination of CSS for FY 2015-16 duly following the procedure prescribed in Tariff Policy, 2006.

3.4 CONSIDERATION OF WHEELING CHARGES (D) AND TARIFF PAYABLE (T) IN CSS COMPUTATIONS

Stakeholder's Submissions

- 3.4.1 In the calculations with respect to (T) tariff rates and (D) wheeling charges the Commission has considered average realization amount whereas as per tariff policy it should be tariff payable. Further no wheeling charges are payable by 132 kV consumers as approved by the Commission in Tariff Order dated 27.03.2015.

Licensee's Reply

- 3.4.2 The average revenue realization is considered as 'T' for computing the uniform CSS for the consumer category as a whole (irrespective of the load factor), as the revenue under each category is dependent on the proposed tariffs and actual energy utilized by that category.
- 3.4.3 The same approach is being followed by other SERCs for calculation of CSS (Reference - Orders of KERC, APERC, MERC).

Commission's View

- 3.4.4 The Commission has computed TSDiscom-wise, category-wise, voltage -wise 'T', i.e., per unit tariff (Rs./unit) realized for FY 2015-16 from the relevant category of consumers, calculated 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.
- 3.4.5 The Commission has computed 'D', i.e., per unit wheeling charges approved in the MYT orders.

3.5 MERGING OF SUB-CATEGORIES IN COMPUTATION OF CSS

Stakeholder's Submissions

- 3.5.1 The Commission has projected the Tariff 'T' on a consolidated basis by merging all the sub-categories under HT-I Industry namely- General, Industrial Colonies, Seasonal and Ferro Alloy Industries. It is mentioned that since the Retail Tariff schedule for one sub-category of consumer is different from another sub-category, the Tariff 'T' as per NTP 2006 formula would result into different levels of CSS among sub-categories.
- 3.5.2 This has been a practice across other SERCs as well wherein CSS is approved for all Tariff categories and sub-categories.

Licensee's Reply

- 3.5.3 TSDiscoms have computed the Average Revenue Realization (ARR) based on the voltage level consumer categories excluding subcategories viz. seasonal industries, industrial colonies, where such subcategories are not permitted for open access, and have used the ARR as Tariff 'T' for computation of CSS as per NTP 2006.

Commission's View

- 3.5.4 The Commission has computed TSDiscom-wise, category-wise, voltage -wise 'T', i.e., per unit tariff (Rs./unit) realized for FY 2015-16 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.

3.6 PROGRESSIVE REDUCTION OF CSS

Stakeholder's Submissions

- 3.6.1 The stakeholder has submitted that as prescribed in Section 42(2) of Electricity Act, 2003 "... .. such surcharge and cross subsidy shall be progressively reduced in the manner as may be specified by the State Commission."
- 3.6.2 It is also to be noted that the Hon'ble Ministry of Power in its tariff policy dated 06.01.2006 directed that "*The cross-subsidy surcharge should be brought down progressively and, as far as possible, at a linear rate to a maximum of 20% of its opening level by the year 2010-11.*"

Licensee's Reply

- 3.6.3 The CSS is determined by the formula prescribed by the National Tariff Policy 2006. The cost of power purchase is uncontrollable factor, which will have significant impact in the computation of CSS. Therefore, reduction of CSS progressively is not under the scope of the licensees.

Commission's View

- 3.6.4 The Commission has taken note of the submissions of the stakeholder and the Licensees.

3.7 CONSIDERATION OF ACTUALS FOR COMPUTATION OF CSS

Stakeholder's Submissions

- 3.7.1 The stakeholder has requested the Commission to consider the audited figures based on Annual Report before finalizing CSS for FY 2015-16 for open access consumer in the interest of justice.
- 3.7.2 The stakeholder has also requested to direct the TSSPDCL to refund the CSS already paid by the respective consumers, if any in FY 2015-16 along with applicable rate of interest till the date of refund. They have also requested to consider the same logic for other categories also.

Licensee's Reply

- 3.7.3 The audited accounts cannot be used for the computation of CSS, as the retail tariff is fixed by the approved values. If it is to be considered, the retail tariff considered should also be revised based on the audited accounts, which is not feasible. This is because not just Open Access consumers, but all other consumers have made payments as per the approved Retail Supply Tariffs.

Commission's View

- 3.7.4 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.

3.8 DETERMINATION OF CSS MORE THAN THAT PROPOSED BY LICENSEES

Stakeholder's Submissions

- 3.8.1 The stakeholder has stated that the Commission is bereft of any power to fix the CSS more than computed and sought by the concerned distribution companies. Such an exercise of power surely goes beyond the scope and object of powers conferred on the Commission under the A.P. (Electricity) Reforms Act, 1998 and the Electricity Act, 2003.
- 3.8.2 Further the stakeholder has submitted that the Commission cannot act upon the adjusted figures as furnished by the State Government for the purpose of deviating figures submitted by the TSSPDCL. It is rather surprising to note that after disposal of the matter by the Hon'ble Supreme Court, the TSSPDCL never approached the Commission seeking to revise the CSS in contravention to its proposals. Obviously, it shows that the TSSPDCL does not any more want to burden its consumers.

Licensee's Reply

- 3.8.3 The Hon'ble Supreme Court directed the Commission to determine the CSS afresh duly providing paper publication, inviting comments, and providing opportunities to the petitioners/objectors in the public hearing. As per the direction of the Hon'ble Supreme Court and the powers vested in it, the Commission has recomputed the CSS afresh based on the approved figures.

Commission's View

- 3.8.4 The Commission has proposed afresh determination of CSS for FY 2015-16 based on directions of the Hon'ble Supreme Court in its order dated 07.11.2023 and in accordance with Tariff Policy, 2006.

3.9 COMMISSION'S PROPOSALS ON AFRESH DETERMINATION OF CSS

Stakeholder's Submissions

- 3.9.1 The stakeholders have stated that as per notice dated 2nd February, 2024, new proposal emanated from the Commission but not TSSPDCL. When the matter is remanded back by the Apex Court, *denova* enquiry has to be conducted by the Commission basing on the records available by them, but, however, new proposals cannot be made in deviation of the earlier proposals.
- 3.9.2 The stakeholder has stated that the Commission cannot traverse beyond the

figures mentioned by the TSSPDCL in its proposal dated 07.02.2015, in as much as all the said figures are audited figures. It is always within the power and scope of the distribution company to work out their economics in the matter of recovery of any charge. The TSSPDCL has rightly relied on the formula mentioned in National Tariff Policy for the purpose of calculating the CSS with the audited figures.

3.9.3 It was also stated that before the Hon'ble High Court, counter affidavit was not filed on behalf of the Commission. However, the TSSPDCL filed counter affidavit trying to explain to the court that the relevant data as contained in the proposals of TSSPDCL were changed at the instance of the State Government. It is relevant to state here that the role of the State Government in the matter of fixation of CSS or tariff as the case maybe is also alien to the statutory scheme of the Act. Further, the State Government cannot substitute or sub-plant any data, which is mentioned in the proposals of the distribution company, which are finalized scientifically on any grounds whatsoever.

3.9.4 TSSPDCL has mentioned that the Regulatory Commission conducted a meeting on 04.03.2015 with the State Advisory Committee. But, however, the minutes of the said meeting are not part of the order dated 27.03.2015. The said minutes are also not put to the notice of the public during the public hearing conducted on 12.03.2015 and 13.03.2015.

Licensee's Reply

3.9.5 The Commission has the discretion to revise the projections of the Licensees and compute parameters such as sales projections, energy requirement, power purchased quantity, power purchase cost etc., which will determine the retail tariff and CSS. Therefore, there is a likely possibility of change in the value of the CSS based on the approved figures of the Commission.

3.9.6 TSDiscoms submitted CSS calculations based on their proposed figures for FY 2015-16 in their filings dated 07.02.2015. Based on the filings from TSDiscoms, the Commission has revised the CSS calculations considering the same formula as adopted by TSDiscoms, with the approved figures of FY 2015-16 in the order dated 24.01.2024.

"11. Based on the filings of the licensees in O.P.Nos.076 & 077 of 2015, the

Commission has now proposed the CSS considering the same formula as adopted by the licensees in their filings viz., as specified in Tariff Policy, 2006 [applicable during the period FY 2015-16] to different categories of consumers availing open access in Transmission and Distribution system at different voltages during FY 2015-16”

- 3.9.7 TSDiscoms support the Commission’s revision of using the approved figures from RST Order FY 2015-16. Hence, TSDiscoms request the Commission to consider this and approve the CSS for FY 2015-16 as per the revised proposal dated 24.01.2024.

Commission’s View

- 3.9.8 The Commission has proposed the CSS afresh based on the directions of Hon’ble Supreme Court in its order dated 07.11.2023 and in accordance with Tariff Policy, 2006.
- 3.9.9 The State Advisory Committee was held on 04.03.2015 on the ARR and Tariff Filings made by TSDiscoms. The minutes of the 1st meeting of the SAC was hosted in TSERC website under SAC section.

CHAPTER-4 ANALYSIS AND CONCLUSION ON DETERMINATION OF CSS FOR FY 2015-16

4.1 COMPUTATION OF CSS FOR FY 2015-16

4.1.1 The Commission has considered following category-wise sales, revenue and average revenue realization approved in the Retail Supply Tariffs Order for FY 2015-16 for both TSSPDCL and TSNPDCL.

Table 4.1: Category-wise Average Revenue Realization (T) (Tariff payable by relevant category of consumers)

Consumer Category	Sales (MU)		Revenue (Rs. Cr)		Average Revenue Realization Rs./kWh)	
	NPDCCL	SPDCL	NPDCCL	SPDCL	NPDCCL	SPDCL
HT Category at 11 kV						
HT-1(A) Industry General	564.24	3036.43	455.80	2452.33	8.0763	8.0763
HT-2 Others	100.40	1233.61	92.55	1231.98	9.2185	9.9868
HT-3 Airports, Bus & Rly Stns.	8.63	4.81	7.45	5.84	8.6281	12.1496
HT Category at 33 kV						
HT-1(A) Industry General	173.49	5071.48	122.33	3449.57	7.0510	6.8019
HT-2 Others	9.74	599.35	10.22	522.96	10.4838	8.7255
HT Category at 132 kV and above						
HT-1(A) Industry General	585.96	2160.55	363.82	1362.85	6.2089	6.3079
HT-2 Others	1.74	72.63	2.05	64.64	11.8289	8.9005
HT-3 Airports, Bus & Rly Stns.	0.00	63.95	0.00	44.07	-	6.8909
HT-5 Railway Traction	470.83	200.42	320.16	136.29	6.8000	6.8000

4.1.2 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 2015-16 for both TSSPDCL and TSNPDCL which is as shown below:

Table 4.2: Weighted average cost of Power Purchase of top 5% at the margin (C)

Station	Avg. Cost Rs./kWh	Total Despatch MU	NPDCCL		SPDCL	
			PP Cost Rs. Cr	PP Cost Rs. Cr	PP Cost Rs. Cr	PP Cost Rs. Cr
Total Hydro	1.85	4037.64	1189.08	2848.55	219.62	526.12
NPC-MAPS	2.14	132.13	38.91	93.21	8.31	19.92
Talcher Stage-2	2.21	1371.46	403.90	967.57	89.09	213.43
Stage-II	2.81	618.86	182.25	436.60	51.16	122.57
Stage-I	2.85	322.88	95.09	227.79	27.14	65.02
KTPS-D	2.99	1766.97	520.37	1246.60	155.52	372.55
NPC-Kaiga unit-I	3.03	419.45	123.53	295.92	37.38	89.55
NTPC (SR)	3.04	2183.36	643.00	1540.36	195.40	468.09
BSES	3.14	250.65	73.82	176.84	23.21	55.59
NPC-Kaiga unit-II	3.17	444.79	130.99	313.80	41.55	99.54

Station	Avg. Cost	Total	NPDCL	SPDCL	NPDCL	SPDCL
	Rs./kWh	Despatch	MU	MU	PP Cost	PP Cost
		MU			Rs. Cr	Rs. Cr
APGPCL-II Allocated Capacity	3.26	72.55	21.36	51.18	6.96	16.67
Vallur Thermal Power Plant	3.32	612.33	180.33	432.00	59.81	143.28
RTS-B	3.53	219.38	64.61	154.77	22.78	54.58
NTPC (SR) Stage-III	3.54	559.33	164.72	394.61	58.30	139.67
Kakatiya Thermal Power Plant Stage-II	3.56	2269.33	668.32	1601.02	237.90	569.92
Thermal Power	3.59	1990.99	586.35	1404.64	210.40	504.03
NTPC Simhadri Stage-I	3.63	3718.97	1095.24	2623.74	397.16	951.43
KTPS-C	3.63	832.85	245.27	587.58	88.98	213.16
KTPS-A	3.64	824.03	242.68	581.35	88.26	211.42
Kondapalli (Gas)	3.65	536.17	157.90	378.27	57.70	138.22
KTPS-B	3.67	788.78	232.30	556.48	85.36	204.50
APGPCL-I Allocated Capacity	3.79	19.34	5.70	13.64	2.16	5.17
KSK Mahanadi (MT)	3.88	1570.60	462.54	1108.06	179.61	430.27
VTPS-I	3.98	1053.25	310.18	743.07	123.57	296.02
Kakatiya Thermal Power Plant Stage-I	3.99	1910.01	562.50	1347.51	224.59	538.03
VTPS-II	4.00	1039.77	306.21	733.56	122.33	293.06
Spectrum	4.04	499.18	147.01	352.17	59.38	142.26
Hinduja	4.04	3652.74	1075.73	2577.01	434.68	1041.32
VTPS-III	4.10	928.14	273.34	654.80	112.13	268.61
VTPS-IV	4.32	1938.65	570.93	1367.72	246.55	590.64
NTPC Simhadri Stage-II	4.32	1656.25	487.77	1168.48	210.90	505.23
Tuticorn	4.74	841.31	247.77	593.54	117.43	281.32
KTPS Stage-VI	4.75	1565.10	460.92	1104.18	219.03	524.72
RTPP Stage-II	4.76	324.20	95.48	228.72	45.46	108.90
GVK	4.85	126.86	37.36	89.50	18.11	43.39
Damodaram Sanjeevaiah Thermal power plant-I	5.06	2824.91	831.93	1992.97	420.78	1008.00
Damodaram Sanjeevaiah Thermal power plant-II	5.06	2824.91	178.68	2646.22	90.38	1338.41
Total		46748.11	13114.07	33634.04	4789.10	12594.61
5% top Margin Purchase Required		2337.41	655.70	1681.70	331.64	850.57
Attributable price per Unit for 5% Top Margin Purchases as per NTP					5.0578	5.0578

- 4.1.3 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 Wheeling MYT order for 3rd control period, dated 27.03.2015 and Transmission Tariff Order for 3rd control period, dated 09.05.2014 which are as shown below:

Table 4.3: System Losses for the applicable Voltage Level in % (L)

Voltage level	TSSPDCL	TSNPDCL
132 kV and above	4.02	4.02
Upto 33 kV	7.85	7.86
Upto 11 kV	12.46	11.78

- 4.1.4 The Commission has considered the wheeling charges and transmission charges as approved in Wheeling MYT order for 3rd control period dated 27.03.2015 and Transmission Tariff Order for 3rd control period, dated 09.05.2014 which are as shown below:

Table 4.4: Wheeling Charges (D)

Voltage	NPDCL		SPDCL	
	Unit	Rs./kW/month	Rs./kWh	Rs./kWh
132 kV and above		76.66	0.11	0.11
	Unit	Rs./kVA/month	Rs./kWh	Rs./kWh
33 kV		13.74	0.02	0.02
	Unit	Rs./kVA/month	Rs./kWh	Rs./kWh
11 kV		259.09	0.34	0.23

- 4.1.5 Based on the above parameters the Commission has determined the CSS for FY 2015-16 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 2015-16 as shown below:

Table 4.4: Approved CSS for FY 2015-16

Particulars	Tariff payable by the relevant category of consumer i.e., Average Revenue Realization (T)	Weighted average cost of Power purchase of top 5% at the margin (C)	System Losses for the applicable voltage level (L)	Wheeling Charge (D)	CSS in Rs./kWh $S=T-[C(1+L/100)+D]$
TSSPDCL					
HT Category at 11 kV					
HT-I(A) Industry - General	8.0763	5.0578	12.46	0.2295	2.16
HT-II Others	9.9868	5.0578	12.46	0.2295	4.07
HT-III Airport, Bus Stations and Railway Stations	12.1496	5.0578	12.46	0.2295	6.23
HT Category at 33 kV					
HT-I(A) Industry General	6.8019	5.0578	7.85	0.0207	1.33
HT-II Others	8.7255	5.0578	7.85	0.0207	3.25
HT Category at 132 kV and above					
HT-I(A) Industry - General	6.3079	5.0578	4.02	0.1065	0.94
HT-II Others	8.9005	5.0578	4.02	0.1065	3.53
HT-III Airport, Bus Stations and Railway Stations	6.8909	5.0578	4.02	0.1065	1.52
HT-V Railway Traction	6.8000	5.0578	4.02	0.1065	1.43

Particulars	Tariff payable by the relevant category of consumer i.e., Average Revenue Realization (T)	Weighted average cost of Power purchase of top 5% at the margin (C)	System Losses for the applicable voltage level (L)	Wheeling Charge (D)	CSS in Rs./kWh S)=T-[C(1+L/100)+D]
TSNPDCL					
HT Category at 11 kV					
HT-I(A) Industry - General	8.0763	5.0578	11.78	0.3419	2.08
HT-II Others	9.2185	5.0578	11.78	0.3419	3.22
HT-III Airport, Bus Stations and Railway Stations	8.6281	5.0578	11.78	0.3419	2.63
HT Category at 33 kV					
HT-I(A) Industry - General	7.0510	5.0578	7.86	0.0181	1.58
HT-II Others	10.4838	5.0578	7.86	0.0181	5.01
HT Category at 132 kV and above					
HT-I(A) Industry - General	6.2089	5.0578	4.02	0.1065	0.84
HT-II Others	11.8289	5.0578	4.02	0.1065	6.46
HT-V Railway Traction	6.8000	5.0578	4.02	0.1065	1.43

The CSS rates for FY 2015-16 determined above are:

- Effective from 1st April, 2015 to 31st March, 2016.
- Applicable to different categories of consumers availing open access, except to those consumers who are availing solar power through open access from Solar Generators located within the State of Telangana, to whom the CSS is exempted, at different voltages in the area of supply of the respective licensees.

This Order is corrected and signed on this the 19th day of April, 2024.

Sd/-	Sd/-	Sd/-
(BANDARU KRISHNAIAH)	(M. D. MANOHAR RAJU)	(T. SRIRANGA RAO)
MEMBER	MEMBER	CHAIRMAN

//CERTIFIED COPY//

**Annexure-IA
Public Notice**

Appeared on 25.01.2024 in Sakshi and Eenadu

 తెలంగాణ స్టేట్ ఎలక్ట్రిసిటీ రెగ్యులేటరీ కమిషన్ 5వ అంతస్తు, సింగరేణి భవన్, రెడ్ హిల్స్, లక్ష్మీ-కా-పూల్, హైదరాబాద్-500004		
బహిరంగ ప్రకటన		
<p>సివిల్ అప్లియన్ నం.లు 7517-7536 ఆఫ్ 2013 (SLP Nos.14047-14066 ఆఫ్ 2014)లో గౌ. సర్కారులైన న్యాయస్థానం వారి 07-11-2023 తేదీ గల ఉత్తర్వులలోని అదేశాల ప్రకారం కమిషన్ వారు O.P. Nos.076 & 077 ఆఫ్ 2015లో FY 2015-16 కోసం తాజా డ్రాన్ సర్క్యూట్ సర్కార్ల నిర్ధారణ విషయాన్ని చేపట్టారు. అన్ని సంబంధిత దాఖ్యమెంట్లు మరియు కమిషన్ ప్రతిపాదనలతో పాటు వివరమైన బహిరంగ ప్రకటన TSEERC వెబ్సైట్లో ఆన్ లైన్ చేయబడినది. తదుపరి వివరాల కోసం TSEERC వెబ్సైట్ www.tserc.gov.in దర్శించండి.</p> <p>కమిషన్ వారు మద్దతు మెటీరియల్తో పాటు స్టేట్ హోల్డింగ్ నుండి కమిషన్ వారి ప్రతిపాదనపై అభ్యంతరాలు/ సూచనలను కోరుతున్నారు, వారు వాటిని 15-02-2024న సా.5.00 గం.లకు లేదా అలాగే వేరేలా స్వయంగా లేదా రిజిస్టర్డ్ పోస్ట్ ద్వారా కమిషన్ సెక్రటరీ/ TSEERC వారికి పంపవలెను. TSEERC వారి కోర్టు హాల్లో 22-02-2024 (గురువారం) ఉ. 11.00 గం.ల నుండి ఈ విషయానికి సంబంధించి TSEERC వారు బహిరంగ విచారణను నిర్వహించాలని భావిస్తున్నారు.</p>		
షెడ్యూల్		
కమిషన్ వారిచే ప్రతిపాదించబడిన FY 2015-16 కోసం CSS		
వినియోగదారు తేటగిరి	డ్రాన్ సర్క్యూట్ సర్కార్ (యా./kWh)	
	TSSPDCL	TSNPDCL
11 kV లోని HT తేటగిరి		
HT-I ఇండస్ట్రీ - జనరల్	2.16	2.08
HT-II ఇతరులు	4.07	3.22
HT-III ఎయిర్ డిపోజిట్, ఐస్ స్టోరేజీ మరియు రైల్వే స్టోరేజీ	6.23	2.68
33 kV లోని HT తేటగిరి		
HT-I ఇండస్ట్రీ - జనరల్	1.33	1.58
HT-II ఇతరులు	3.25	5.01
132 kV మరియు అపై లోని HT తేటగిరి		
HT-I ఇండస్ట్రీ - జనరల్	0.94	0.84
HT-II ఇతరులు	3.53	6.46
HT-III ఎయిర్ డిపోజిట్, ఐస్ స్టోరేజీ మరియు రైల్వే స్టోరేజీ	1.52	-
HT-V రైల్వే ట్రాక్స్	1.43	1.43
ప్రచేశం: హైదరాబాద్	నం/- కమిషన్ సెక్రటరీ	
తేది: 24-01-2024	TSEERC	
DIPR RO No.9759-PP/CL/Adv/1/2023-24, Dt: 24-01-2024		

Appeared on 25.01.2024 in The Hindu, The Times of India and Siasat (Urdu)

 TELANGANA STATE ELECTRICITY REGULATORY COMMISSION 5th Floor, Singareni Bhavan, Red Hills, Lakdi-ka-pul, Hyderabad-500004.		
PUBLIC NOTICE		
<p>The Commission as per the directions of Hon'ble Supreme Court in its order dated 07.11.2023 in Civil Appeals Nos 7517-7536 of 2013 (SLP Nos 14047- 14066 of 2014) is taking up the matter of afresh determination of Cross Subsidy Surcharge for FY 2015-16 in OP. Nos. 076 & 077 of 2015. The detailed Public Notice along with all the relevant documents and the Commission's proposals are uploaded in the website of TSERC. For further details please visit TSERC website viz., www.tserc.gov.in.</p> <p>The Commission invites objections/suggestions on the Commission's proposals from the stakeholders together with supporting material to be sent to the Commission Secretary/ TSERC in person or through registered post so as to reach on or before 15.02.2024 by 5 PM.</p> <p>TSERC intends to conduct Public Hearing in this matter on 22.02.2024 (Thursday) from 11:00 hrs onwards in the Court Hall of TSERC.</p>		
SCHEDULE		
CSS for FY 2015-16 proposed by the Commission		
Consumer Category	Cross Subsidy Surcharge (Rs./kWh)	
	TSSPDCL	TSNPDCL
HT Category at 11 kV		
HT-I Industry - General	2.16	2.08
HT-II Others	4.07	3.22
HT-III Airports, Bus Stations and Railway Stations	6.23	2.63
HT Category at 33 kV		
HT-I Industry - General	1.33	1.58
HT-II Others	3.25	5.01
HT Category at 132 kV and above		
HT-I Industry - General	0.94	0.84
HT-II Others	3.53	6.46
HT-III Airports, Bus Stations and Railway Stations	1.52	-
HT-V Railway Traction	1.43	1.43
Place: Hyderabad	Commission Secretary TSERC	
Date: 24.01.2024		
R.O.No.:880-PP/CL-AGENCY/ADVT/1/2023-24, Date:24.01.2024		

تلنگانہ اسٹیٹ الیکٹریسیٹی
ریگولیشن کمیशन



5 ویں منزل، سنگاوینی بھون، ریڈ ہلز، لکڑی کا ہل، حیدرآباد 500004

اطلاع عام

کمیशन، معزز سپریم کورٹ کی ہدایات کے مطابق اس کے احکام سرورہ: 07-11-2023 میں تحت سہیل انڈسٹریز (SLP) 7517-7536 of 2013 (Nos. 14047-14066 of 2014) مالی سال 2015-16 کیلئے OP.Nos. 076 & 077 of 2015 میں گراس سبسائیڈی سرچارج کے تازہ فیصلے کے مطابق کوئل میں لے رہا ہے۔ تفصیلی اطلاع نام ہمراہ نام حلقہ دستاویزات اور کمیशन کی تہاویز کو TSERC کی ویب سائٹ میں اپ لوڈ کیا گیا ہے۔ مزید تفصیلات کیلئے برائے مہربانی ملاحظہ کریں TSERC ویب سائٹ یعنی www.tserc.gov.in۔

کمیशन کا سٹیج، ٹنڈرس سے کمیशन کی تہاویز پر اعتراضات / استدعاات ہمراہ تاخیری مواد مطلوب ہے جو کمیशन سکرٹری / ٹی ایس ای آر سی کے پاس فحشی طور پر یا رجسٹرڈ پوسٹ ذرا کے جائیں گویا کہہ 15-02-2024 کو 5 بجے شام کو اپنا عمل پختی جائیں۔

TSERC میں سائٹس میں ماعت ملہ 22-02-2024 (مہرات) کو 11-00 بجوں کے بعد سے ٹی ایس ای آر سی کے کورٹ ہل میں منتقل کرنے کا عمل ہے۔

شیڈیول

CSS برائے مالی سال 2015-16 کمیशन کی جانب سے مجوزہ

گراس سبسائیڈی سرچارج (Rs/KWh)		کنزیومر کا زمرہ
TSNPDCL	TSSPDCL	
11KV پر HT زمرہ		
2.08	2.16	HT-I انڈسٹری - جنرل
3.22	4.07	HT-II دیگر
2.63	6.23	HT-III ایر پورٹس، بس اسٹیشن اور ریلوے اسٹیشن
33KV پر HT زمرہ		
1.58	1.33	HT-I انڈسٹری - جنرل
5.01	3.25	HT-II دیگر
132KV اور زیادہ پر HT زمرہ		
0.84	0.94	HT-I انڈسٹری - جنرل
6.46	3.53	HT-II دیگر
-	1.52	HT-III ایر پورٹس، بس اسٹیشن اور ریلوے اسٹیشن
1.43	1.43	HT-V ریلوے ٹریکشن

کمییشن سکرٹری
ٹی ایس ای آر سی

مقام: حیدرآباد

R.O.NO.883-PPICL-AGENCY/ADVT/1/2023-24, Date: 25-01-2024

مورخہ: 24-01-2024

Annexure-II

List of Stakeholders who Submitted the Written Objections/Suggestions

Sl. No.	Name and address of the stakeholder
1	M/s Aryam Steels Private Limited 4-1-970, C-309, 3 rd Floor Upasana Building, Ahuja Estate, Abids Road, Hyderabad 500 001
2	M/s Devashree Ispat (P) Limited, 8-2-293/82, Plot No.86, Prashasan Nagar, Road No.72, Jubilee Hills, Hyderabad 500 110
3	M/s Dilip Re-Rolling Private Limited, 21-1-414, Rikabgunj, Hyderabad 500 002
4	M/s GTN Engineering (INDIA) Limited, Plot No.29, Nagarjuna Hills, Panjagutta, Hyderabad 500 082
5	M/s GTN Industries Limited, Plot No.29, Nagarjuna Hills, Panjagutta, Hyderabad 500 082
6	M/s Jai Raj Steel, Plot No.8, Phase-III, I.D.A, Jeedimetla, Hyderabad 500 005
7	M/s Jeevaka Industries Private Limited, 15-9-360, Mehaboobgunj Road, Hyderabad 500 012
8	M/s JK Fenner (India) Limited, 4&22, Phase-IV, IDA, Patancheru, Sangareddy District 502 319
9	M/s KDA Ispat Private Limited, 1-8-206, 2 nd Floor, Masetty Plaza, Secunderabad 500 003
10	M/s Keshree Metalurgies Private Limited, 15-9-466, Mehaboobgunj Road, Hyderabad 500 012
11	M/s M S Agarwal Foundries Private Limited, Ram Towers, 2 nd Floor, 5-4-83, MG Road, Secunderabad 500 003
12	M/s MMG Steel (P) Limited, Plot No.14, IDA Bhollaram (Miyapur), Jinnaram Mandal, Medak District 502 355
13	M/s Radha Smelters Private Limited, 550 D LRF, Survey No.43 & 44, 4 th Floor, Plot No.53, 54, 57&58, Mahavir Radiance, Kauveri Hills, Rangareddy 500 081
14	M/s Rama Spinners Private Limited, 5-4-83, Rama Towers, 2 nd Floor, T.S.K Chambers, MG Road, Secunderabad 500 003
15	M/s Salasar Iron and Steels Private Limited, Flat No.101, 1 st Floor, Staya Sarovar Apt, Ghansi Bazar, Near High Court, Hyderabad 500 002
16	M/s Scan Energy & Power Limited, B 301, 8-2-618/2A to C, 3 rd Floor Delta season, Road No.11 Banjara Hills, Hyderabad 500 034
17	M/s Shikhara Steels Private Limited, 16-2 705/1/12/D, Shreya's Heaven, 3 rd Floor, Professor's Colony, Malakpet, Hyderabad 500 036
18	M/s Signode India Limited, 3 rd Floor, Jyoti majestic, 8-2-120/84. Road No.2, Banjara Hills, Hyderabad 500 034
19	M/s Sri Navdurga Billets (P) Limited, (SNDB), 21-1-820, Patel Market, Hyderabad 500 002
20	M/s Vinayak Steels Limited, 5-4-83 to 85, T.S.K Chambers, 1 st Floor, R.No.4 & 4A, M.G. Road, Secunderabad 500 003
21	Ms. Nishtha, Advocate, H.No.2-2-1105/4/A/F, Indranagar, Tilak Nagar, Hyderabad 500 044
22	The Federation of Telangana Chambers of Commerce and Industry (FTCCI), 11-6-841, Red Hills, Hyderabad 500 004

Annexure-III

List of Stakeholders who participated in Public Hearing held on 28.02.2024

Sl. No.	Name and address of the stakeholder
1	Sri G.Chandrasekhar Rao, Advocate representing stakeholders Sl.No.(a)to(p)
a)	M/s Sri Navdurga billets (P) Limited, (SNDB), 21-1-820, Patel Market, Hyderabad 500 002
b)	M/s Keshree Metalurgies Private Limited, 15-9-466, Mehaboobgunj Road, Hyderabad 500 012
c)	M/s MMG Steel (P) Limited, Plot No.14, IDA Bholaram (Miyapur), Jinnaram Mandal, Medak District 502 355
d)	M/s Aryam Steels Private Limited 4-1-970, C-309, 3 rd Floor Upasana Building, Ahuja Estate, Abids Road, Hyderabad 500 001
e)	M/s JK Fenner (India) Limited, 4&22, Phase-IV, IDA, Patancheru, Sangareddy District 502 319
f)	M/s Signode India Limited, 3 rd Floor, Jyoti majestic, 8-2-120/84. Road No.2, Banjara Hills, Hyderabad 500 034
g)	M/s Radha Smelters Private Limited, 550 D LRF, Survey No.43 & 44, 4 th Floor, Plot No.53, 54, 57&58, Mahavir Radiance, Kauveri Hills, Rangareddy 500 081
h)	M/s Savithri Steels and Rerollings Private Limited, Sy.No.147/AA, Soman Gurthi, Pudur (M), Parigi, Rangareddy 515 261
i)	M/s Scan Energy & Power Limited, B 301, 8-2-618/2A to C, 3 rd Floor Delta season, Road No.11 Banjara Hills, Hyderabad 500 034
j)	M/s Jeevaka Industries Private Limited, 15-9-360, Mehaboobgunj Road, Hyderabad 500 012
k)	M/s Salasar Iron and Steels Private Limited, Flat No.101, 1 st Floor, Staya Sarovar Apt, Ghansi Bazar, Near High Court, Hyderabad 500 002
l)	M/s Vinayak Steels Limited, 5-4-83 to 85, T.S.K Chambers, 1 st Floor, R.No.4&4A, M.G. Road, Secunderabad 500 003
m)	Ms/ Sugna Metals Private Limited, Plot No.76, Beside Vemireddy Enclave, Road No.12, Banjara Hills, Hyderabad 500 034
n)	M/s Dilip Re-Rolling Private Limited, 21-1-414, Rikabgunj, Hyderabad 500 002
o)	M/s Devashree Ispat (P) Limited, 8-2-293/82, Plot No.86, Prashasan Nagar, Road No.72, Jubilee Hills, Hyderabad 500 110
p)	M/s Jai Raj Steel, Plot No.8, Phase-III, I.D.A, Jeedimetla, Hyderabad 500 005
2	The Federation of Telangana Chambers of Commerce and Industry (FTCCI), 11-6-841, Red Hills, Hyderabad 500 004
3	M/s M S Agarwal Foundries Private Limited, Ram Towers, 2 nd Floor, 5-4-83, MG Road, Secunderabad 500 003
4	Dr. Reddy's Laboratories Limited, 8-2-337, Road No.3, Banjara Hills, Hyderabad 500 034
5	M/s Mylan Laboratories Limited, Plot No.564/A/22, Road No.92, Jubilee Hills, Hyderabad 500 034
6	Ms. Nishtha, Advocate, H.No.2-2-1105/4/A/F, Indranagar, Tilak Nagar, Hyderabad 500 044