



ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

Vidyut Niyantana Bhavan, Adjacent to 220/132/33/11 KV AP Carbides SS,

Dinnedavarapadu Road, Kurnool - 518 002, Andhra Pradesh.

Phones: 08518 - 294823,24,25,26

FRIDAY, THE TWENTY-FIFTH DAY OF OCTOBER

TWO THOUSAND AND TWENTY FOUR

(25.10.2024)

:Present:

Justice C.V. Nagarjuna Reddy, Chairman

Sri Thakur Rama Singh, Member

Sri P.V.R.Reddy, Member

**In the matter of pass-through of Fuel & Power Purchase Cost
Adjustment (FPPCA)**

in

First Quarter of FY 2022-23

O.P.No.57 of 2024

Southern Power Distribution Company of Andhra Pradesh LimitedPetitioner

O.P.No.58 of 2024

Andhra Pradesh Central Power Distribution Corporation LimitedPetitioner

O.P.No.59 of 2024

Eastern Power Distribution Company of Andhra Pradesh LimitedPetitioner

Second Quarter of FY 2022-23

O.P.No.60 of 2024

Southern Power Distribution Company of Andhra Pradesh LimitedPetitioner

O.P.No.61 of 2024

Andhra Pradesh Central Power Distribution Corporation LimitedPetitioner

O.P.No.62 of 2024

Eastern Power Distribution Company of Andhra Pradesh LimitedPetitioner

Third Quarter of FY 2022-23

O.P.No.63 of 2024

Southern Power Distribution Company of Andhra Pradesh LimitedPetitioner

O.P.No.64 of 2024

Andhra Pradesh Central Power Distribution Corporation LimitedPetitioner

O.P.No.65 of 2024

Eastern Power Distribution Company of Andhra Pradesh LimitedPetitioner

and

Fourth Quarter of FY 2022-23

O.P.No.66 of 2024

Southern Power Distribution Company of Andhra Pradesh LimitedPetitioner

O.P.No.67 of 2024

Andhra Pradesh Central Power Distribution Corporation LimitedPetitioner

O.P.No.68 of 2024

Eastern Power Distribution Company of Andhra Pradesh LimitedPetitioner

In terms of the second amendment to APERC Regulation 4 of 2005 (Terms and conditions for determination of tariff on Wheeling and Retail Sale of Electricity) Regulation, 4 of 2021(**For short “the Regulation”**), APSPDCL, APCPDCL and APEPDCL (**For short “the DISCOMS” or “the petitioners”**) have filed petitions for pass-through of Fuel & Power Purchase Cost Adjustment (**For short ‘FPPCA’**) for the first quarter (April 22 to June 22), 2nd Quarter(July 22 to September 22), 3rd Quarter(October 22 to December 22) & 4th quarter(January 23 to March 23) of FY 2022-23 and these petitions have been registered in Commission’s record as shown below.

	APSPDCL		APCPDCL		APEPDCL	
	Date of filing	O.P No	Date of filing	O.P No	Date of filing	O.P No
Quarter-1	29.09.2022	57 of 2024	29.09.2022	58 of 2024	29.09.2022	59 of 2024
Quarter-2	23.12.2022	60 of 2024	30.12.2022	61 of 2024	23.12.2022	62 of 2024
Quarter-3	06.03.2023	63 of 2024	10.03.2023	64 of 2024	09.03.2023	65 of 2024
Quarter-4	30.05.2023	66 of 2024	29.05.2023	67 of 2024	31.05.2023	68 of 2024

2. The Public Notice and the petitions in PDF formats, all computations in Excel sheets and additional information received from the DISCOMS from time to time for various queries raised by the Commission from their date of filing to publication on the website of the Commission & DISCOMS were placed on the website of the Commission on 30-09-2024 inviting objections/views/suggestions from the interested persons/stakeholders and informing them that the public hearing on these petitions would be held on 18-10-2024 through web hearing. The DISCOMS were directed to publish a summary of the filings in One (1) English daily newspaper in English and One (1) Telugu daily newspaper in the Telugu language having wide circulation in the licensed area. The DISCOMS were also directed to upload their filings in PDF format and Excel sheets in their official websites before issuing public notice in the newspapers. Accordingly, APSPDCL, APEPDCL, and APCPDCL have published the Public Notice in the prescribed format in Eenadu (Telugu) daily newspaper in Telugu language & in Times Nation (English) daily newspaper in the English language on 30-09-2024 informing the public about their proposed FPPCA and date of public hearing and inviting objections/views/suggestions. The Commission heard these petitions on 18-10-2024 in the presence of Sri P. Shiva Rao, learned Standing Counsel for the petitioners and the objectors Sri Babu Rao, Sri M.VenuGopalaRao, Sri Ramandeep Singh representing SICMA & Others, Sri Narasinga Rao, Sri Sharma, Sri Vijay Gopala Reddy and Sri Shivakumar. All the petitions are similar and relate to the same financial year of 2022-23. Hence, they are considered together. Accordingly, after carefully considering the material available on record and after hearing the submissions of the learned counsel for the petitioners, the CMD/APEPDCL, advocate Alladi Ravinder representing TGV SRAAC and the other objectors during the public hearings, the Commission passes the following:

COMMON ORDER**Filings**

3. Below is the summary of the claims for the first, second, third and fourth quarters of FY 2022-23 as filed by the DISCOMS.

Claims for the First Quarter (Q1):

DISCOMS	Energy dispatch (MU)			PP Cost (Millions)			per unit cost (Rs/Unit)		FPPCA (Rs/Unit)
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	
APSPDCL	6810.40	6707.83	-102.57	34539.84	39017.69	4477.85	5.07	5.82	0.828
APCPDCL	4372.13	4331.85	-40.28	21067.26	26663.96	5596.70	4.82	6.15	1.479
APEPDCL	7067.81	7179.51	111.70	33688.37	43453.17	9764.80	4.77	6.05	1.398

Claims for the Second Quarter (Q2):

DISCOMS	Energy dispatch (MU)			PP Cost (Millions)			per unit cost (Rs/Unit)		FPPCA (Rs/Unit)
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	
APSPDCL	6974.24	6956.59	-17.65	34814.97	34519.37	-295.60	4.99	4.96	-0.033
APCPDCL	4218.81	3893.94	-324.88	19854.96	19906.91	51.95	4.71	5.11	0.456
APEPDCL	6687.00	6994.40	307.40	31184.92	35050.08	3865.16	4.66	5.01	0.380

Claims for the Third Quarter (Q3):

DISCOMS	Energy dispatch (MU)			PP Cost (Millions)			per unit cost (Rs/Unit)		FPPCA (Rs/Unit)
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	
APSPDCL	7010.98	5795.71	-1215.27	34506.80	36006.59	1499.79	4.92	6.21	1.435
APCPDCL	4267.60	3534.97	-732.63	20458.11	21683.33	1225.22	4.79	6.13	1.504
APEPDCL	6305.35	6546.35	241	30131.90	38280.22	8148.32	4.78	5.85	1.168

Claims for the Fourth Quarter (Q4):

DISCOMS	Energy dispatch (MU)			PP Cost (Millions)			per unit cost (Rs/Unit)		FPPCA (Rs/Unit)
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	
APSPDCL	8072.80	8095.47	22.67	38881.42	52971.28	14089.86	4.82	6.54	1.925
APCPDCL	4230.89	3747.30	-483.59	20113.34	29058.37	8945.03	4.75	7.75	3.270
APEPDCL	6910.60	7002.63	92.03	32444.13	46183.30	13739.17	4.69	6.59	2.078

4. The relevant regulatory provisions referred to by the DISCOMS in their filings are reproduced below:

The filings are made as per Regulation No.4 of 2021 (Second amendment to the APERC Regulation No.4 of 2005 (Terms and conditions for determination of tariff on Wheeling and Retail Sale of Electricity).

Clause 3: Sub-clause 12.4 .

"The Distribution Licensee shall be entitled to recover from or refund to the consumers, as the case may be, the FPPCA (Fuel and Power Purchase Cost Adjustment) as approved by the Commission from time to time either suo-motu or based on the filings made by the Distribution Licensee."

Clause 4: The following sub-clause shall be inserted after sub-clause 12.4 in the Principal Regulation.

"12.5. FPPCA(Fuel and Power Purchase Cost Adjustment)

Within two months from the end of every quarter, the Distribution Licensee shall file an application for FPPCA for that quarter before the Commission. The filing shall be accompanied by purchase details source-wise for the quarter along with the monthly breakups duly certified by the auditor as per the format annexed to this Regulation. If the Distribution Licensee is unable to file the FPPCA within two months, it may file the same within a further grace period of up to one month. After examining the request of the Distribution Licensee, the Commission may entertain the claims, if it is satisfied with the reasons submitted by the Distribution Licensee for the delay in the filings. For any wrong information furnished by Distribution Licensee, penalties will be levied on it by the Commission.

The Commission, after a prudent check of the filings and due public consultation process, will issue an order determining the FPPCA for that quarter in accordance with the following formula.

Formula: $FPPCA = (APPC - BPPC) / (100 - \text{Loss in } \%)$

Where,

FPPCA = Fuel & Power Purchase Cost Adjustment in Rs/unit up to 4 decimal places

APPC = The actual weighted average power purchase cost per unit of energy, which shall be arrived at as the actual total power purchase cost (including the transmission & scheduling costs) in Rs. Million that is allowed by the Commission after prudent check for the quarter for which the Distribution Licensee is seeking FPPCA divided by the actual quantum of power purchases in Million Units made by the Distribution Licensee from the sources approved by the Commission for that quarter.

BPPC = The base weighted average power purchase cost per unit of energy, which shall be arrived at as the total power purchase cost approved by the Commission in Rs. Million (including the transmission & scheduling costs) in the RSTO (Retail Supply Tariff Order) for the quarter for which the Distribution Licensee is seeking 'FPPCA' divided by the total quantum of energy in Million Units approved by the Commission in the RSTO for the Distribution Licensee for that Charter.

Loss in % = The weighted average Transmission and Distribution losses (%) approved by the Commission for the Distribution Licensee for the quarter for which the Distribution Licensee is seeking 'FPPCA' or actual weighted average Transmission and Distribution losses (%) for the corresponding quarter of the previous year for that Distribution Licensee, whichever is lower.

Manner of recovery or refund of FPPCA by the Distribution Licensee and conditions:

A.....(Not relevant for the present purpose)

B If the Distribution Licensee fails to file FPPCA for any quarter within two months or within the grace period of one month from the end of that quarter, its claim for upward revision shall stand forfeited subject, however, to true-down, if any, at the end of the Financial Year. The DISCOMs shall pay the true-down amounts to the consumers by way of adjustments in future CC bills as determined by the Commission in the FPPCA order.

5. As per Clause 12.5 of the Regulation(supra), DISCOMS have enclosed the variation statements of each Station for energy dispatch, fixed cost, variable cost, incentive, income tax, etc., in the format specified duly certified by the auditors and furnishing the reasons for the delay.

The DISCOMS have also stated in their filings :

- A. That they propose to levy the FPPCA amounts from or refund to the consumers in such a manner and over such a period as specified by the Commission in the FPPCA order.
- B. That the FPPCA is proposed to be passed through on all consumer categories and that they will claim the FPPCA amounts on the free power categories (Agriculture) of each quarter from the Govt. of A.P. The EPDCL stated that the FPPCA is proposed to be passed through on all consumer

categories and that the DISCOM will claim the FPPCA bills on the Government for the Consumers who are provided subsidy under section 65 of the Electricity Act-2003, as per clause 12.5 (E) of Regulation.

C. That they could not file the FPPCA applications within the 2-month time frame stipulated by the APERC as there was a slight delay in compiling accounts for the quarter's power purchase and obtaining additional information to be filed. However, they stated that the applications have been filed within the grace period provided in Regulation No.4 of 2021.

6. With the above submissions, the DISCOMs have prayed the following.
 - a. To take the FPPCA proposals on record and treat them as complete.
 - b. Grant suitable opportunities to DISCOMs within a reasonable time frame to file additional material information that may be subsequently available.
 - c. Consider and approve applications for quarterly FPPCA for FY 2022-23.
 - d. To condone the delay as the filings were made within the grace period provided in Regulation.
 - e. To pass such an order as the Commission may deem fit and proper in the facts and circumstances explained.
7. After preliminary scrutiny of all the quarterly filings, the Commission, vide letter Lr.No.APERC/Tariff/F.No.85/D.No.970/2023, Dated 21.06.2023, & Lr.No.APERC /Tariff/F.No.85/D.No. 1234/2023 Date: 21.09.2023 directed the DISCOMs to furnish additional information on several aspects of the filings and Power Purchase cost-related issues of FY 2022-23. The DISCOMs have submitted replies to all queries raised by the Commission by letters dated (APSPDCL -13.07.23 & 24.01.24, APCPDCL-18.07.23, 18.01.24 & 29.01.24, APEPDCL-18.07.23 & 29.01.24). Additional information was sought from the DISCOMs during the scrutiny process of their claims. Entire information on these proceedings was placed on the Commission website for the ready reference of all stakeholders.
8. After scrutiny of the claims, a public notice was issued which was widely published in newspapers and in response to the public notice of the Commission and paper notification of DISCOMS, several objections were received on these filings and the DISCOMS have furnished their responses to all the objections. All the objections and responses of the DISCOMS were also placed on the Commission's website. After thorough examination of objections received from different stakeholders, the following points/questions have been identified for

consideration of the Commission for determining the FPPCA for FY 2022-23 for each quarter.

- A. Alleged delay in taking up proceedings on the determination of quarterly FPPCA.
- B. Delay on the part of the DISCOMs in submitting additional information to the Commission.
- C. Insufficiency of the time given for submitting objections, and hearings after the DISCOMs' responses to the objections.
- D. FPPCA claims being higher than regular tariffs for some categories of consumers in one quarter.
- E. Though the DISCOMs have the option to levy up to Rs 0.50/Unit on a provisional basis, they didn't avail of it.
- F. The objectors' plea to dispense with the quarterly FPPCA and include the FPPCA in the ensuing annual ARR.
- G. Whether clubbing all Quarterly petitions into one hearing/proceedings amounts to an annual true-up, as was the case under the repealed 1st Amendment to Wheeling & Retail Tariffs regulation (Regulation 4 of 2005). The Commission could have conducted public hearings each quarter-wise.
- H. Whether the FPPCA proceedings assume the character of Tariff Proceedings under section 64 (3).
- I. Interpretation of the Regulation on the Exclusion of Short-Term Power Purchases while computing FPPCA.
- J. Whether lack of Penalty for failure to generate and supply power at a threshold level of PLF by Generating plants caused under despatch from approved thermal power plants led to substantial market purchases and burdened consumers?
- K. Are the claims of Late Payment Surcharge (LPS) paid to Generators admissible?
- L. What should be the Per-unit energy cost to be considered for inter-discom power transfer?
- M. Why is income from the RECs sale not shown and set off against the FPPCA claims?
- N. Shall Fixed costs admitted commensurate with the actual availability of AP Genco stations?
- O. Is payment for Ash transportation charges for lifting ash by private parties by GENCOs justified when ash is available free of cost and when it has

huge demand from many sections like cement plants and brick manufacturers?

- P. Concerns on Higher interstate transmission charges.
- Q. Were directions issued to AP Genco on coal matters complied with?
- R. Despite a considerable surplus, are DISCOMs not selling power?
- S. Even though the retail tariffs are uniform, why are the proposed FPPCA charges different among DISCOMs?
- T. Shall FPPCA be claimed from the government for the fully/partly subsidised consumers?
- U. Do Audit Certificates not confirm the correctness of figures ?.
- V. From which date is the PPA with HNPCL effective? Can the fixed charges claim on deemed generation be allowed since the period of consideration is before the passing of final orders of the Hon'ble Supreme Court and this Commission?
- W. Is payment of FC of Rs 1234.67 Crs to HNPCL unlawful?
- X. When the claims related to APPDCL of Rs 611.88 Crs are based on the Commission's Orders, should the Commission have conducted public hearings on such matters?
- Y. Shall the FPPCA be determined for different categories/slabs of consumers in proportion to their retail tariffs? And whether if the PP cost with FPPCA is considered in CSS computations as per the formula, would the CSS be much less than what was determined in the RST Orders for C&I OA consumers? and whether there is no procedure to correct CSSs?
- Z. Should the Commission write a letter to GoAP to find out its stand on DISCOM's FPPCA claims in the light of the objectors' plea that the government must bear the entire burden
- AA. The Objectors' plea not to consider the UI claims
- BB. The objector's plea not to allow the claims regarding the power purchase costs from the unapproved CG Stations.

The Commission's analysis and decision on the above points are detailed in paragraphs infra.

A. Alleged delay in taking up proceedings on the determination of quarterly FPPCA

The objection is that after receipt of final replies of the DISCOMs to the various queries raised by the Commission, it has taken nearly eight months to initiate proceedings to invite objections and suggestions from stakeholders for the determination of FPPCA. The delay was two years if the date of the first quarter filings is considered. The reasons for such avoidable delay in seeking the said information and clarifications from the DISCOMs quarter-wise are inexplicable. This is defeating the very purpose of the Regulation.

Commission's analysis & decision:

The contention of the objectors reveals that they did not properly understand the true spirit of the regulatory provision. It is true that the Regulation is made to enable the DISCOMs to recover the additional expenditure incurred towards fuel price increase and power purchase cost without much delay. However, keeping in mind the likelihood of delays invariably occurring in finalising the true up claims, a provision for automatic recovery up to 50 ps per unit every month by the DISCOMs has been made in the Regulation. This provision enables the DISCOMs to make a substantial recovery of additional expenditure without any delay, so that any delay in finalising the true up claims will not adversely impact DISCOMs' finances.

The submission that there is delay in finalising the True up claims, overlooked many vital aspects. The Commission hastens to state that it is not the objectors' contention that the claims are barred by limitation and therefore they are liable to be rejected. In raising this submission, they obviously intended to point out the lapse of the Commission in acting timely in the finalisation of the true up claims. In this context, it is necessary to analyse Cl.12.5 of the Regulation. A proper understanding of this clause (extracted herein before) makes it clear that it stipulated a time limit with a grace period for filing FPPCA claims every quarter by the DISCOMs. The phrase "shall" is used for filing the claims within the stipulated time by the DISCOMs. Added to this, consequences for failure to file the claims within the time limit including the grace period are provided in the provision. Condition 'B' of Clause 12.5 clearly lays down that if the DISCOMs do not file the claims within the stipulated time, their claim for upward revision shall stand forfeited. Thus the provision relating to filings within

the time limits are couched in mandatory terms, with default consequences. Whereas the clause for passing order on the claims reads as under.

“The Commission after a prudent check of the filings and due public consultation process, will issue an order determining the FPPCA for that quarter in accordance with the following formula.”**(Emphasis added)**

Unlike condition ‘B’ as discussed above, the provision for passing an order is not couched in mandatory terms. The phrase ‘will’ as emphasised in the above extracted provision above vests a fair amount of discretion in the Commission as regards the timelines for passing the orders. The reasons for this are not far to seek. The Commission is vested with multifarious responsibilities. It discharges three fold functions, viz, Regulatory, Legislative and Adjudicatory. Finalising FPPA claims is one of many responsibilities of the Commission. There can therefore be no mandatory time limit insisted for passing orders.

A question may arise as to why the Commission did not pass orders at the end of every quarter. It needs to be noted that true up charges were already being collected as explained in the following table.

Item	APSPDCL	APCPDCL	APEPDCL
Dist. True Up for the period FY 2014-19.	Commenced from August 2022 Rs 0.23/Unit Up to July_2025 (36 months)	Commenced from August 2022 Rs 0.22/Unit Up to July_2025 (36 months)	Commenced from August 2022 Rs 0.07/Unit Up to Jan_2024 (18 months)
Quarterly FPPCA for FY 2021-22	Q 1- 0.2017 Q 2- 0.6325 Q 3-0.5772 Q 4-0.6654 April 23 to March-2024	Q 1-0.2010 Q 2-0.6304 Q 3-0.5753 Q 4-0.6633 April 23 to March 2024	Q 1-0.1975 Q 2-0.6194 Q 3-0.5652 Q 4-0.6455 April 23 to March 2024
Monthly FPPCA for FY 2023-24	Rs 0.40/Month automatic every month From April 23	Rs 0.40/Month automatic every month From April 23	Rs 0.40/Month automatic every month From April 23
Total levy as of 1st August 2022	0.23	0.22	0.07
Total levy as of 1st October 2022	0.23	0.22	0.07
Total levy as of 1st January 2023	0.23	0.22	0.07
Total levy as of 1st April 2023	0.8317	0.821	0.6675

Item	APSPDCL	APCPDCL	APEPDCL
Total levy as of 1st July 2023	1.2625	1.2504	1.0894
Total levy as of 1st October 2023	1.2072	1.1953	1.0352
Total levy as of 1st January 2024	1.2954	1.2833	1.1155
Total as of 1st April -2024	0.63	0.62	0.40
Total levy as of 1st July 2024	0.63	0.62	0.40
Total levy as of 1st October 2024	0.63	0.62	0.40

It can be seen from the above table that in August 2023, the earliest time when a quarterly order could have been passed, substantial FPPCA amount was being collected from the consumers in the form of true ups and FPPCA i.e.; APSPDCL-Rs 1.2625/Unit, APCPDCL-Rs 1.2504/Unit, APEPDCL Rs 1.0894/Unit. Any further levy by way of FPPCA for 2022-23 from August-2023 would have given a tariff shock to the consumers. The Commission by not passing orders immediately avoided the additional tariff burden and accordingly provided relief to the consumers. Thus, the time taken in finalising FPPA claims has in fact served the consumer's interests rather than prejudicing them.

From April-2023, the true up burden has come down by 50%. Immediately, the Commission has taken up scrutiny of FPPA claims for FY22-23. The Commission staff noticed that certain required information was not furnished by the DISCOMs. Hence letter Lr.No.APERC/Tariff/F.No.85/D.No.970/2023, Date:21.06.2023 and Lr.No. APERC/Tariff/F.No.85/D.No. 1234/2023 Date: 21.09.2023 were addressed to furnish the information. In response to Commission's letters the information was received from the DISCOMs vide letters dated (APSPDCL -13.07.23 & 24.01.24, APCPDCL-18.07.23, 18.01.24 & 29.01.24, APEPDCL- 18.07.23 & 29.01.24).

By the time complete information was received, the DISCOMs filed ARR proposals for the FY 2024-25 besides applications for determination of i) MYT for DISCOMS, ii) MYT for AP Transco, iii) MYT for AP Genco iv) MYT for SLDC v) Preparation of Load forecasts and State Resource plan etc. Public hearings were held in January 2024. Each of the above works was highly cumbersome and time consuming.

This apart, the shifting process of Head office of the Commission resulted in loss of more than two months' time. Despite all this pressure, the Commission and its staff rose to the occasion and issued orders on all those applications, as detailed below.

1. Order dt.11.01.2024 determining Tariff for the control period FY 2019-2024 under Section 62 of the Electricity Act, 2003 for the electricity supplied by APPDCL from SDSTPS to the Distribution Licensees in Andhra Pradesh.
2. Order dt.11.03.2024 on Retail Supply Tariffs and Cross Subsidy Surcharge for FY 2024-25.
3. Order dt. 27.03.2024 in the matter of Fuel Cost Adjustment (FCA) beyond 15% of the base variable cost for all the thermal power stations of APGENCO during the FY 2018-19 to FY 2022-23, and the revision of the base variable cost for FY 2023-24.
4. Order dt.27.06.2024 in the matter of Approval of Load Forecasts and Resource Plans (Distribution Plans, Power Procurement Plans & Transmission Plans), Comments on the State Electricity Plan for the 5th Control Period (FY 2024-25 to FY 2028-29) & Indicative Forecasts and Plans for the 6th Control Period (FY 2029-30 to FY 2033-34).
5. Transmission Tariff order dt.06.08.2024 for the period FY 2024-25 to FY 2028-29.
6. MYT Order dt. 27.08.2024 on SLDCs charges for the 5th Control Period FY 2024-25 to FY 2028-29.
7. Order dt.05.09.2024 determining Variable Cost for the period from 01-04-2024 to 31-03-2029 in respect of the existing Biomass, Industrial Waste and Bagasse based plants.
8. MYT Order dt.09.09.2024 of APGENCO for the 5th Control Period FY 2024-25 to FY 2028-29.
9. Order dt.26.09.2024 determining Pooled Cost of Power Purchase for FY 2022-23 to be considered for FY 2023-24 under the Renewable Power Purchase Obligation (Compliance by Purchase of Renewable

Energy/Renewable Energy Certificates) Regulation, 2022 (Regulation 5 of 2022).

10.MYT Order dt.27.09.2024 for Wheeling Business for the 5th Control Period from FY 2024-25 to FY 2028-29.

In addition to the above, during the period from June 2022 to September 2024, the volume of work handled by the Commission is shown in the table below.

S.No.	Details	Number
1	No. of Adjudication orders	136
2	No. of Tariff Orders	19
3	No. of Regulations	22

As discussed in the foregoing, the time taken for finalising FPPCA claims has prejudiced none. On the one side the DISCOMs were permitted to recover 50 ps per unit every month and on the other side tariff shock for consumers could be avoided. At the best the objectors are entitled for waiver interest during this period, which is the only adverse consequence of delay in finalising the FPPCA claims. The Commission will consider this aspect and take appropriate decision in this regard.

B. Delay on the part of the DISCOMs in submitting additional information to the Commission

As discussed supra, the only consequence of delay is interest liability. As stated above, a decision in this regard will be taken by the Commission infra.

C. Insufficiency of the time given for submitting objections, and hearings after the DISCOMs' responses to the objections.

The Commission does not find any merit in this stand taken by some of the objectors. In a realistic sense true up is nothing but adjustment of accounts at the end of the financial year or any other smaller unit of period as prescribed by the Commission. The exercise is undertaken to find out whether actual expenditure on fuel cost and fuel purchases during that period is more or less than the expenditure assessed in RST order at the commencement of the financial year. If the expenditure is more, it will be permitted to be recovered from

the consumers, which is called 'True up' and if the expenditure is less, it will be returned to the consumers, which is called 'True down'. While doing this exercise, the Commission makes a prudent check of every item of expenditure and decides whether it must be allowed or not, with reference to the extant Regulations, approvals, directions, etc. Thus it is basically a matter between the Commission and the licensees. However, as the consumers' interests are likely to be affected, the Commission envisaged a public consultation process. Though the Regulation does not expressly provide for personal hearing, nevertheless, the Commission has been holding public hearings to consider views of consumers and their representatives. It is noteworthy that the extant Regulation does not stipulate any particular time to be provided for submission of objections by the public. As a matter of practice, two weeks' time is generally provided for this purpose. While calling for objections, the Commission furnished all the relevant information of all the four quarters on its website for easy reference by all stakeholders, saving their precious time in collecting and collating required information. The detailed objections received from the objectors, especially from those who are making specific grievance of insufficient time indicate that they could submit detailed analyses within the stipulated time. Ironically the objectors who are crying hoarse on the alleged delay in finalising true up exercise want the proceedings to be delayed for alleged want of sufficient time. Since it is the responsibility of the Commission to make a prudent check, it has browsed through every item of claimed expenditure as evident from the discussion undertaken infra and no prejudice whatsoever is caused to anyone in this regard. We therefore do not find any merit in this objection.

D. FPPCA claims being higher than regular tariffs for some categories of consumers in one quarter

The FPPCA claims in the fourth quarter were higher than the previous quarter since many arrears have accrued in the fourth quarter. The inter-DISCOMS adjustments further led to the huge disparity in FPPCA claims among the DISCOMS. The Commission will rationalise them while finalising the FPPCA.

E. Though the DISCOMs have the option to levy up to Rs 0.50/Unit on a provisional basis, they didn't avail it.

The Commission finds justification in the criticism levelled against the DISCOMs in this regard. The main purpose of making a provision for automatic recovery of 50 ps at the end of the consumption month is to enable immediate recovery of at least a part of increased expenditure towards additional fuel and power purchase costs. This advantage conferred on the DISCOMs was allowed to be frittered away by them by not making recoveries, thereby disentitling themselves to claim interest during the pendency of the petitions, at least to the extent of 50ps.

F. The objectors' plea to dispense with the quarterly FPPCA and include the FPPCA in the ensuing annual ARR.

The Commission is guided by its Regulations in determining FPPCA claims and true-up for the total control period. To consider the suggestions, the Commission needs to amend its Regulations. It will examine them in due course.

G. Whether clubbing all Quarterly petitions into one hearing/proceedings amounts to an annual true-up, as was the case under the repealed 1st Amendment to Wheeling & Retail Tariffs regulation (Regulation 4 of 2005). The Commission could have conducted public hearings each quarter-wise.

We find no merit in this objection. Conducting a single hearing on all OPs filed by DISCOMs does not tantamount to an annual true-up exercise. Under these proceedings, the petitions were heard individually and evaluated DISCOM-wise and quarter-wise. Prudent checks will also be conducted quarterly on each item, and common orders will also be issued quarterly, as was issued for FY 2021-22.

H. Whether the FPPCA proceedings assume the character of Tariff Proceedings under section 64 (3).

Mr. Aladi Ravinder, Senior Counsel appearing for SRACC, submitted that FPPCA proceedings in relation to FY 2022-23 are not maintainable as any such proceedings should have been taken up before the expiry of the tariff year. In support of his submission, he relied in the judgement in BSES Rajdhani Power Limited Vs Delhi Electricity Regulatory Commission, (2023) 4 SCC 788. Having carefully considered the said judgement, we find the Counsel's reliance on the said judgement is wholly misplaced. In BSES Rajdhani Power Limited Vs Delhi Electricity Regulatory Commission, supra, the DERC, while purportedly

considering 'True-up' claims for the FY 2008-09 and FY 2009-10 in the order dated 26-08-2012, changed methodologies on various critical parameters such as computation of AT&C losses, the methodology for computation of depreciation, disallowance of salary for Fundamental Rules and Supplementary Rules, disallowance of fringe benefits tax etc.,. Subsequently, the appeal filed against the said order by the licensee was dismissed by the APTEL. The Second Appeal filed by the licensee was allowed and the judgement of APTEL and the order of DERC were set aside by the Apex Court. The Apex Court held that a tariff order is quasi-judicial in nature, which becomes final and binding on parties unless amended or revoked under section 64 (6) Electricity Act, 2003 or set aside by the appellate authority; that at the stage of truing up, DERC cannot change the rules or the methodology used in the initial tariff determination by changing the basic principles, premises and issues involved in the initial projection of aggregate revenue requirement (ARR) and that truing up exercise cannot be done to retrospectively change methodology/principles of tariff determination and reopening the original tariff determination made in the tariff order, whereby setting the tariff determination process to nought at 'true-up stage'. We wonder how this judgement is felt relevant to the present case wherein no one has made any attempt to modify, amend or tinker with the methodologies fixed in the tariff order for 2022-23. The Discoms have preferred claims for FPPCA, pure and simple. The claims are preferred under the Andhra Pradesh Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff for Wheeling and Retail Supply of Electricity) second amendment Regulation 2021(Regulation 4 of 2021). This regulation has only set a time limit for making FPPCA claims by the Discoms without there being any limitation of time on the passing of the orders by this Commission. During the hearing, the learned counsel placed reliance of Section 64 (3) of the Electricity Act, 2003, which reads as under:

“(3) The Appropriate Commission shall, within one hundred and twenty days from receipt of an application under sub-section (1) and after considering all suggestions and objections received from the public,-

(a) issue a tariff order accepting the application with such modifications or such conditions as may be specified in that order;

(b) reject the application for reasons to be recorded in writing if such application is not in accordance with the provisions of this Act and the rules and regulations made thereunder or the provisions of any other law for the time being in force:

Provided that an applicant shall be given a reasonable opportunity of being heard before rejecting his application.”

Relying upon the above provision, the learned counsel submitted that this Commission ought to have passed orders within 120 days from the date of receipt of the 'True-up' claims. This submission betrays the total misconception on the part of the counsel regarding the said statutory provision. Section 64 (3) applies to the determination of the tariff under Section 62 of the Electricity Act, 2003. This provision has nothing to do with the determination of FPPCA/True-up charges. These charges cannot be considered as part of the tariff. As held in BSES Rajdhani Power Limited Vs Delhi Electricity Regulatory Commission, supra, the 'Truing up' exercise is meant for filling the gap between the actual expenses at the end of the year and the anticipated expenses in the beginning of the year. Thus, the determination of tariff and 'True-up' exercise are two distinct subjects and the latter is governed by Regulation No.4 of 2021. For all the above reasons, the submission of the counsel for SRAAC is unsustainable and the same is accordingly rejected.

I. Interpretation of the Regulation on the Exclusion of Short-Term Power Purchases while computing FPPCA.

The objector's plea is that the Power Purchase from Power Exchanges is to be excluded from the Actual Weighted Average Power Purchase Cost per Unit of Energy (APPC) for the computation of FPPCA as per clause 12.5(C) of Regulation 4 of 2021.

Clause 12.5 (C) of principal regulation as amended vide Regulation 4 of 2021 reads as below.

12.5 C. The Distribution Licensee is permitted to pass on the variations (true-down or true up) in fuel costs (variable costs) based only on the actual bills admitted by it from the approved sources (excluding purchases from exchanges) for a quarter on its own subject to a ceiling of 50 poise/unit as per the formula specified in this Regulation to all the categories of consumers (except agricultural consumers) automatically in the CC charges of month(s)

that immediately follow that quarter on a provisional basis subject to the adjustment of the same based on the subsequent determination of FPPCA by the Commission for that quarter. In respect of agricultural consumers, the Distribution Licensee may claim upward revision in fuel costs (variable charges), if any, from the Government.

As seen above, the exemption of exchange purchases is permitted only when the DISCOMS automatically recovers FPPCA from the consumers. It is not applicable when the Commission finally determines the FPPCA. Indeed, a similar objection was dealt with in detail in the Commission's order dated 01.03.2023, in which it was held as follows.

*“ As per clause 12.5 (C) of Regulation 4 of 2021, the Distribution Licensee is permitted to pass on the variations (true-down or true-up) in fuel costs (variable costs) based only on the actual bills admitted by it from the approved sources (excluding purchases from exchanges) for a quarter on its own subject to a ceiling of 50 paise/unit as per the formula specified in this Regulation to all the categories of consumers (except agricultural consumers) automatically in the CC charges of the month(s) that immediately follow that quarter on a provisional basis subject to the adjustment of the same based on the subsequent determination of FPPCA by the Commission for that quarter. In respect of agricultural consumers, the Distribution Licensee may claim upward revision in fuel costs (variable charges), if any, from the Government. The Regulation does not lay down that FPPCA shall be arrived at after excluding AGL consumption. As rightly stated by the DISCOMS, this clause has been completely misinterpreted by the objectors in their submissions. The DISCOMS are entitled to recover FPPCA claims based on per unit variation in power purchase cost considering the total sales pertaining to all categories including subsidised consumers and the DISCOMS may claim FPPCA charges in respect of the subsidised consumers from the GoAP as per the Regulation. Further, the exclusion of short-term purchases is confined only to provisional recovery and the Regulation does not exclude short-term power purchases in the final computation of FPPCA by the Commission.” **(Emphasis added)***

J. Whether lack of Penalty for failure to generate and supply power at a threshold level of PLF by Generating plants caused under despatch from approved thermal power plants led to substantial market purchases and burdened consumers?

The objectors stated that the actual availability from committed plants is less than the approved availability. The DISCOMS had to procure power from the market at higher prices to bridge the availability gap. When the developers of the plants concerned fail to generate and supply power at threshold levels of PLF/CUF as incorporated in their respective PPAs, there is no penalty clause in PPAs. In effect, the DISCOMS and their consumers, are constrained to purchase power in the market at higher prices. In all fairness, developers also should pay liquidated damages to the DISCOMs to compensate for the additional burdens of buying power in the market. In response, DISCOMS stated that the Penalty would be imposed on the generators if they failed to generate power at threshold levels of PLF as per the PPA terms and conditions.

As per existing PPAs, if the generator fails to achieve the threshold PLF for any reason, he will lose the proportionate fixed charges. The Commission, therefore, proposes to limit the fixed charges proportionate to their availability in the present proceedings. Many uncontrollable factors need to be looked into for under-generation from existing suppliers, particularly the monopoly in coal supply. Suppliers seek to blend imported coal to meet the coal supply shortage or to improve the GCV of the coal. The Commission duly examined all requests based on the merits of each case and permitted blending and alternative modes of transport in the case of APGENCO to improve availability. The Commission also analysed this aspect while projecting the power procurement plans for the 5th control period. However, the suggestion required to be considered while approving the PPAs in the future.

K. Are the claims of Late Payment Surcharge (LPS) paid to Generators admissible?

In one voice, all objectors opposed the inclusion of LPS paid to GENCOS in FPPCA claims. In response, DISCOMS stated that the LPS bills were admitted as per the PPA and hence included in the FPPCA claims.

As per the extant Regulation, there is no provision to consider the Late Payment Surcharge (LPS) paid to GENCOS in FPPCA claims. Hence, the Commission is not inclined to allow it while computing FPPCA claims.

L. What should be the Per-unit energy cost to be considered for inter-discom power transfer?

The Objectors requested that the inter-discom sales be considered at the weighted average power procurement rate of the selling discom based on the set precedents. In response, DISCOMS stated that there is an error in Q1 computation of objector, where included transmission charges in the PP cost.

The Commission would follow the set precedents and also its decision in the RST Order for FY 2022-23.

M. Why is income from the RECs sale not shown and set off against the FPPCA claims?

The objectors stated that the income from the sale of RECs was not set off against FPPCA. In response, the APSPDCL stated that it received Rs.67.10 crores from the sale of RECs for FY 2019-20 to FY 2022-23, which will be included in the upcoming filings.

As income from the sale of RECs from FY 2019-20 to FY 2022-23 for APSPDCL has no breakup, the Commission would consider it at the time of the final true-up of the whole year for the total business. It is a small amount compared to the total power purchase cost, which does not make much difference in the FPPCA outcome.

N. Shall Fixed costs be admitted commensurate with the actual availability of AP Genco stations?

The objectors stated that despite a lower Actual Plant Availability Factor than Normative Plant Availability Factor, the petitioner had claimed full fixed cost recovery for all APGENCO Generation Stations.

Response of DISCOMs:

The fixed cost of Dr NTTPS I, II & III approved in RSTO 2022-23 is Rs.713.69 Crs with a target availability of 80%. However, the cumulative availability achieved by Dr NTTPS I, II & III was 71.11% as per APSLDC. Accordingly, APPCC limited the fixed cost as per the cumulative availability to Rs.634.38Crs. The differential fixed cost for Rs.79.31 Crs (Rs.713.69 Crs - 634.38Crs) was deducted in the March 2023 Power Purchase Bill. The same was included in the FPPCA Q4 filing as S.No 64 (row) named as "Past claims/refunds, The differential fixed cost was included in Rs. -2626.57 Million. The figures pertain to three DISCOMs.

The Commission would prudently examine the claims and limit the fixed costs commensurate with the actual availability certified by APSLDC in respect of all thermal stations, including APGENCO.

O. Is payment for Ash transportation charges for lifting ash by private parties by GENCOs justified when ash is available free of cost and when it has huge demand from many sections like cement plants and brick manufacturers?

The objectors raised serious concerns about the claims for payment of about 255 crores to CGS towards ash transportation charges as per the Orders of CERC. The way the concerned ministries of the GoI are giving notifications and how they are being interpreted/misinterpreted by regulatory bodies baffles elementary common sense and is turning out to be detrimental to larger consumer interests.

Response of DISCOMs:

Generators are recovering the ash transportation charges as per the MOEFCC Notification dated 25.1.2016 and CERC Order 172/MP/2016 dated 05.11.2018. The CERC conducts hearings, document verification and prudence checks before finalising orders. This is the same with ash transportation charges. It is to be noted that the ash transportation charges incurred are netted against the ash sale proceeds to arrive at the final ash charges.

Commission's Analysis & decision:

The CERC determines CGS's tariff and other charges following the due regulatory process, giving all the beneficiaries an opportunity. The DISCOMs, being the beneficiaries of CGS, are bound by the CERC Orders on charges. The Commission cannot, therefore, disallow the claim as the subject falls under the exclusive jurisdiction of CERC.

P. Concerns on Higher interstate transmission charges.

The objectors stated that PGCIL charges increased by about 50 percent under the new regulation compared to the charges under the old CERC regulation. Since the DISCOMs were constrained to make short-term purchases in the market due to the projects' failures to generate and supply power at threshold levels of PLF, inter-state transmission to be paid to PGCIL would increase to that extent. Further, the exemption of inter-state transmission

charges extended to certain RE projects is not complemented by the central government, and the burden of such exemption is passed on in the form of higher ISTS charges for the GNA, which is deemed quantum.

Response of DISCOMs:

The increase in ISTS charges is mainly due to a change in the regime of sharing charges from LTA-based to GNA-based. CERC granted the GNA quantum as Deemed GNA based on the ISTS draws. However, the inter-state transmission charges for short-term power won't be levied on DISCOMs if the total scheduled ISTS drawl is within the GNA quantum. The short-term transmission charges will be levied on AP at the T-GNA rate only if the ISTS drawl schedule is above the GNA.

Commission's decision

The determination of ISTS charges is under the scope of CERC as per the Electricity Act 2003. The Commission would only conduct prudent checks before admitting the claims.

Q. Were directions issued to AP Genco on coal matters complied with?

The objectors raised concerns about APGENCO's non-compliance with the Commission's directions in MYT Order dated 29.04.2019 regarding the management of coal and billing. The DISCOMS, in their response, did not point out any lapse on the part of APGENCO and stated that APGENCO is following the Commission's directives.

Commission's decision

The officers of APERC inspected the APGENCO plant at Vijayawada during FY 2022-23. They did not point out any deficiencies in the systems established by APGENCO as per the Commission's directions. In the subsequent inspection by DISCOMS, as per the Commission's directions, they also did not point out any noncompliance with the Commission's directions. However, the checks will be made regularly, and the Commission, in its MYT Order dated 09.09.2024 for the 5th control period, also directed APGENCO to furnish coal information monthly in a format for transparency in billing and energy charges claims.

R. Despite a considerable surplus, are DISCOMs not selling power?

The objectors raised concerns that, with surplus power available in certain time blocks and seasons, DISCOMS could not sell such surplus, leading to backing down costs.

Response of DISCOMs:

The DISCOMs have sold around 1800 MU in the market at an average sale price of Rs 4.78/Unit. Electricity can be sold in the short-term market if the price discovered covers at least the variable cost of the plant and some margin. APDISCOMs paid fixed costs to the generators when APSLDC backed them down to curtail surplus power available in some scenarios, such as lower grid demand and less price realisation to sell surplus power.

The reply of the DISCOMs shows that the objections are without basis, and the DISCOMs are acting with due responsibility by selling the surplus in the market wherever such sales are financially viable.

S. Even though the retail tariffs are uniform, why are the proposed FPPCA charges different among DISCOMs?

The objectors expressed concerns about the disparity of FPPCA charges among the DISCOMS and requested that a uniform FPPCA be passed similar to Retail Supply Tariffs.

The disparity in FPPCA among the DISCOMS was due to reasons such as the unequal distribution of fixed charges due to the adoption of a percentage specified by the Government for sharing power among them. It was also due to the unequal sharing of NCE as per Government orders and some book adjustments during FY2022-23. The Commission proposes uniform FPPCA charges across the State similar to Retail Supply Tariffs, as was decided in the FPPCA Order for FY 2021-22.

T. Shall FPPCA be claimed from the government for the fully/partly subsidised consumers?

The objectors requested that orders be passed to the DISCOMS to raise the FPPCA claims against the government regarding subsidised and partly subsidised consumers. In response, DISCOMS stated that as per Clause 12.5 (E) of the Regulation, the distribution licensee may raise the FPPCA on the

Government regarding the consumers who were provided subsidy under Section 65 of the Electricity Act, 2003.

The extant Regulation provides an option for the licensees to raise the FPPCA on the Government for the consumers who are provided subsidies under Section 65 of the Electricity Act, 2003. However, regarding free agriculture power supply, which the State Govt fully subsidises, this Commission has been directing the DISCOMs to claim the FPPCA or additional cost of power purchase attributable to such free agriculture supply from the State Government. When the DISCOMs are claiming FPPCA on the fully subsidised category of consumers, there could be no reason for it to not claim such FPPCA in respect of partly subsidised consumers. Hence, **after carefully examining the objector's request, the Commission directs the DISCOMS to raise the full FPPCA charges on the government regarding fully and partly subsidised consumers.**

U. Do Audit Certificates not confirm the correctness of figures?

The objectors stated that the auditor had not confirmed the correctness of DISCOM's claims. The certificates further mention that a few bills have not been submitted; hence, the rates are subject to change or modification. This is an open-ended statement that raises doubts about the claims' correctness.

Response of DISCOM:

While preparing quarterly reports, certain vendors did not submit the bills within the specified time. For the invoices whose bills are not submitted in the same quarter, the average power purchase cost of previous months is considered to arrive at the overall power purchase cost for that quarter, and later, after submitting the actual bills, the differences will be accounted for. However, all pending bills in March 2023 will be created by making provisions in the annual accounts. This process was undertaken to file the FPPCA claims before the APERC within the timelines. Hence, the Auditor mentioned the comments in the certificate. Given the above, the contention of the objector's apprehension is incorrect.

Commission's Decision

The Audit certificate is required to ensure that a third-party professional has checked the numbers presented by the DISCOMs. However, the Commission

will independently carry out the veracity of numbers and prudent check of every item & sub-item of the filings before admitting any amounts into FPPCA.

V. From which date is the PPA with HNPCL effective? Can the fixed charges claim on deemed generation be allowed since the period of consideration is before the passing of final orders of the Hon'ble Supreme Court and this Commission?

The Objection is that as the APERC issued its final order on 1.8.2022 in approving PPA, the terms and conditions in the PPA between HNPCL and APDISCOM came into force with effect from that date only. Consequently, the PPA was not in force for the period for which HNPCL claimed fixed charges for supposed backing down. Hence, the fixed charges claim of HNPCL is not tenable; that in the review petition filed by HNPCL before the Commission against the latter's final order dated 1.8.2022, it did not raise the issue of its claims for deemed fixed charges. The DISCOMS stated that they had made a deemed generation payment to HNPCL after examining its claim and obtaining a legal opinion since the PPA was in force as per the APERC Order dated 01.08.2022. The DISCOMS also stated that every agreement which conforms to the requirements of a valid contract under the Indian Contract Act comes into existence on its execution and that the parties also act on the terms of the contract. Every contract duly entered as per Law is enforceable. However in respect of contracts relating to supply of power, they become enforceable on approval by the appropriate Commissions. By Order dated 01.08.2022, the Commission granted consent for the continuation agreement (PPA) dated 28.04.2016 and the amended and restated PPA dated 15.04.1998. As rightly submitted by Mr. Siva Rao, the approval dates back to the time of entering into the PPA. Indeed, invariably, PPAs entered between the parties are acted upon in anticipation of their approval by the Commission. If the submission of the objectors is accepted, all actions taken and things done prior to the date of the Commission's approval will become unlawful. This leads to disastrous consequences. The submission of the objectors is, therefore, wholly erroneous and unsustainable. It is accordingly held that the approved PPA is effective from the date it was initially executed between the parties.

W. Is payment of FC of Rs 1234.67 Crs to HNPCL lawful?

The objectors raised severe objections about the claim regarding the deemed generation payment made to HNPCL. They stated that there is no justification for payment of Fixed Charges 1)when the power was not scheduled by the DISCOM,2) For the period prior to approval of the PPA by this Commission,3) Based on a purported legal opinion by a former judge of the Supreme Court and 4) Without any order for such payment by this Commission. The objectors further stated that AP DISCOMS stopped scheduling power from HNPCL in August 2020 in violation of the Supreme Court judgement dated 14.07.2020 and 21.08.2020. The said action had made APDISCOMS liable for the burden of fixed charges (as per Ld. APTEL's judgement dated 16.03.2018) of HNPCL. In the opinion of the Objectors, such an act of the APDISCOMS is arbitrary and unjust.

Response of DISCOMs:

HNPCL, in its letter, vide HNPCL/VPP/APDISCOMs/04/2022, dated 10 September 2022, requested APDISCOMs to clear fixed charges amounting to Rs. 2260.30 Cr., including the January 2022 invoice. Further, HNPCL submitted a letter vide HNPCL/VPP/CGM PP-APPCC/32/2022, dated 20 September 2022, requesting the realisation of pending payments from APDISCOMs/APPCC towards fixed charges for the dispute period.

That on 4th January 2018, in compliance with the government's directions, the DISCOMs sought to withdraw PPA with HNPCL. On 31st January 2018, APERC issued orders permitting the DISCOMs to withdraw the Continuation Agreement due to surplus power in Andhra Pradesh. Consequently, APDISCOMs stopped scheduling power from 2nd February 2018. Aggrieved by this HNPCL filed a petition in APTEL on 16th March 2018. APTEL ordered DISCOMS to maintain the status quo ante. APDISCOMs did not resume the schedule. Aggrieved by the non-scheduling of the power despite APTEL's order of status quo ante dated 16th March 2018, HNPCL approached APTEL again. APTEL, in its order dated 31st May 2018, directed APERC to bifurcate the interim tariff into Fixed Charges (FC) and Variable Charges (VC). Further, it directed DISCOMs to schedule HNPCL as long as the VC was within Merit Order Dispatch, and if DISCOMs did not schedule, they would have to pay FC. APERC bifurcated the interim tariff of Rs. 3.82 per unit into FC of Rs. 1.06 and VC of Rs. 2.76 per unit on 14th June 2018. APDISCOMs started scheduling power from 15th June 2018.

APTEL gave its final order in favour of HNPCL on 7th January 2020, setting aside the impugned order of APERC dated 31st January 2018. On the appeal by APDISCOMs, the Hon'ble Supreme Court gave a stay order on APTEL's order on 14th July 2020. Consequently DISCOMs stopped scheduling from 18th July 2020. The Hon'ble Supreme Court clarified in its order dated 21st August 2020 that there was no stay on APTEL's order dated 16th March 2018, thereby reinstating the status quo ante. However, APDISCOMs did not schedule the plant until the final order of the Supreme Court on 2nd February 2022. Units were not taken into service for the period from 18th July 2020 to 3rd February 2022.

That the Hon'ble Supreme Court, in para 114 of its judgement dated 2nd February 2022, held that until O.P. No.21 of 2015 and O.P.No.19 of 2016 are decided by the State Commission, the DISCOMs shall forthwith start purchasing power from HNPCL at the rate of Rs. 3.82 per unit as per the orders passed by APTEL dated 16th March 2018 and by this Court dated 21st August 2020.

DISCOMs obtained the legal opinion of Ld. Advocate General, Govt. of AP, and that of Sri Deepak Gupta, Retired Judge of the Supreme Court, on the Fixed Cost Liability of APDISCOMs during the period from 21st August 2020 to 2nd February 2022.

That the matter was discussed with the Ld. Advocate General. The opinion of the Advocate General was clear that the orders of APTEL ought to have been complied with, as noticed by the adverse observations of the Supreme Court. The compliance with APTEL's order cannot be conditioned regarding quantities upon a regulatory power to be exercised by APERC, and in fact, the DISCOMs did not abide by this norm for the relevant period. Sri Deepak Gupta opined that APDISCOMs are liable to pay the fixed charge to HNPCL at the rate of Rs. 1.06 per kWh for the entire capacity of 1040 MW as per the PPA,

That after examining the matter at the government level, the Law Department/GoAP has advised to pay fixed charges considering HNPCL's request for payment of fixed charges, the final orders passed by the Supreme Court of India and the legal opinions obtained. Consequently, GO RT No. 19, dated 16th February 2023, was issued.

After considering the energy availability from Aug'20 to Feb'22 and the energy backed down previously, as certified by APSLDC, the fixed charges have been paid @ Rs 1.06/Unit for 11,648 MU, amounting to Rs 1234.68 Crs.

Commission's Decision

During the hearing, the learned objectors took serious objection to the manner in which payment of huge sum by the DISCOMs on a purported opinion of a former Supreme Court Judge was made. It was, however, assured by the Commission that it will consider the legality or otherwise of payment of Fixed Charges, without reference to the legal opinions, independently.

Hence, the Commission proposes to consider this aspect de novo. As per the direction of the Hon'ble APTEL, the Commission had split the ad-hoc tariff applicable to HNPCL into fixed and variable components to enable the scheduling of power from HNPCL under merit order principles. As per these modalities, if the Plant declares availability and is not scheduled to generate for any reason, the procurer is liable to pay fixed charges. As seen from the DISCOMS' reply and based on records, the DISCOMS are at default in not scheduling power from HNPCL pursuant to the Hon'ble Supreme Court Directions. The Commission proposes to examine whether such default would lead to the payment of deemed generation charges to HNPCL, whose continuation agreement (PPA) dated 28.04.2016 and the amended and restated PPA dated 15.04.1998 with DISCOMS was approved by the Commission by Order dated 01.08.2022. Clause 2 of Schedule J of the approved consolidated PPA which outlines the conditions and provisions for deemed availability, is extracted below for ready reference.

"Deemed Availability

2.1. Any loss or reduction in Availability occurring due to any of the following events shall, save and except to the extent such events are not attributable to any act or omission of the Company, be deemed as Availability:

- i. Any defect or deficiency then existing in the equipment or other works of the Procurers (including, without limitation, the Interconnection Facility and the Grid);*
- ii. Any other default on the part of the Procurers; or***

- iii. Any event of Force Majeure declared by the Procurers or attributable to the facilities or operations of the Procurers or
- iv. any conditions existing in the Grid which are outside the Grid Technical Limits or
- v. The existence of any Indian Political Event affecting the Company; or
- vi. The existence of any Non-Political Event of Force Majeure affecting the Company.

2.2. The amount of any Deemed Availability in respect of any period (determined without duplication for each hour during such period) shall be calculated as follows:

a) In case of a Deemed Availability Event due to any reason set forth in paragraph 2.1 (1), 2.1 (ii) 2.1 (iii) Deemed Availability during such period shall be equal to that portion of the Declared Capacity during such period which the project was capable of delivering but did not deliver at the Interconnection Point as a result of such Deemed Availability Event provided for the avoidance of doubt that there shall be no Deemed Availability to the extent that the project is prevented from delivering such Capacity for reasons not directly attributable to the Deemed Availability Event. (Emphasis added)

b) In case of a Deemed Availability Event due to any reason set forth in paragraph 2.1 (iv) or (v) or (vi) above, Deemed Availability during such period shall be equal to average Declared Capacity over the preceding 180 days (such days being successive or otherwise) during which there was no Force Majeure or a Scheduled Outage, or over such lesser period as close as possible to 180 days for which the relevant data is available provided that there shall be no deemed availability to the extent that the project is prevented from delivering such capacity for reasons not directly attributable to the Deemed Availability Event.

As seen from the above, any default of the procurers under clause 2.1 (ii) would amount to deemed availability under clause 2.2 (a) as per the PPA. Hence, the claim for deemed availability from 21 August 2020 to 02 February 2022 is in conformity with the contract term.

The Commission now proposes to check the correctness of the deemed generation claim. It obtained the deemed availability as communicated by HNPCL for the

dispute period, i.e., from August 2020 to February 2022 to the SLDC. The same was also placed on the Commission's website for reference to all stakeholders. As per the data provided by APSLDC, the details of the quantum certified by SLDC from August 2020 to February 2022 are as given below:

S. No.	Period	Energy (MUs)
1.	21 st August 2020 to 31 st August 2020	256.08
2.	1 st September 2020 to 2 nd February 2022	11,831.32
	Total	12,087.41

If the deemed fixed costs are computed on the above quantum of energy, the amount is more than the claim admitted by the DISCOMS. Hence, the claim regarding HNPCL in the filings under consideration is legal and valid and payment of Rs.1234.67 Cr. cannot be termed as unlawful.

X. When the claims related to APPDCL of Rs 611.88 Crs are based on the Commission's Orders, should the Commission have conducted public hearings on such matters?

The objectors stated that the orders about allowing Rs 611.88 Crs to APPDCL were given by the Commission simply based on the joint memos filed by the DISCOMs and APPDCL, even without seeking objections and suggestions from the interested public and holding public hearings. Since those claims would become part and parcel of FPPCA/tariff, the Commission should have held public hearings before considering the same and issuing its orders. The approach of giving orders simply based on joint memos filed by petitioner and respondents, without public consultation, when the matters pertain to FPPCA/tariff to be claimed, is detrimental to larger consumer interest and stifles the spirit of the regulatory process.

Response of APDISCOMs:

- (i) APPDCL has filed review petition No.4 of 2022 in O.P.No.52 of 2019 duly praying for consideration of the 80% target availability for fixed cost recovery for the period from the COD of the project up to the time of materialisation of the additional coal allocation and from October 2021 the target availability for fixed cost recovery may be considered as 85%. Meanwhile, APERC vide letter dated 24.11.2021 sought intervention of the

Government of A.P for resolving certain long pending financial disputes between APPDCL and APDISCOMs, among which the issue concerning consideration of 85% target availability with effect from CoD is also one. Further, during the APPCC meeting held on 05.09.2022, APPCC/ APDISCOMs have agreed to consider 85% of threshold PLF w.e.f the date of obtaining additional FSA and also proposed to file joint memo by APPDCL & APDISCOMs in this regard before the Commission. Further, APDISCOMs shall seek approval from APERC for admission into the True-Up petition in the joint memo. Accordingly, APDISCOMs and APPDCL filed a joint memo on 27.09.2022 before the Commission and requested to pass orders regarding said resolution. The Commission disposed of the OP in terms of the joint memo filed on 27-09-2022 vide order dated 28-09-2022.

- (ii) APPDCL filed a petition (O.P.No.43 of 2020) to adjudicate a dispute relating to the payment of fixed charges to APPDCL upon diversion of Flexi coal from RTPP- 1&111 stages of APGENCO to SDSTPS Stage-I of APPDCL during FY 2018-19 & 2019-20 duly claiming of Rs. 456.48 Crores before the Commission. APDISCOMs have filed their counter in the said matter. Meanwhile, APERC vide letter dated 24.11.2021 sought intervention of the Government of A.P for resolving certain long pending financial disputes between APPDCL and APDISCOMs, including the additional fixed charges dispute due to flexi coal operation. Further, during the APPCC meeting held on 05.09.2022, APPCC/APDISCOMs agreed to accept 50% of the APPDCL claim dated. 21.03.2019 for flexi coal operation and also proposed filing a joint memo by APPDCL & APDISCOMs before the Commission. Further, APDISCOMs shall seek approval from APERC for admission into the True-Up petition in the joint memo. Accordingly, APDISCOMs and APPDCL filled a joint memo on 27.09.2022 before the Commission to pass orders in terms of said resolution. The Commission disposed of the OP in terms of the joint memo filed on 27-09-2022 vide order dated 28-09-2022.

Commission's Analysis & decision:

Broadly, these arrears pertain to (1)) the application of 85% of target availability with effect from date of CoD or date of materialisation of additional coal and (2) Payment of fixed chargers to APPDCL on energy generation with diverted coal from RTPP. These issues have undergone rigorous adjudication, and

the cases are finally disposed of in favour of the APPDCL. The Commission undertakes an adjudication process between the licensees and generating companies under section 86 (1) (e) of the Electricity Act, 2003. All such adjudication processes would be undertaken after issuing the notice to the parties concerned. All such matters are also placed on the Commission's website, along with daily Orders issued for each hearing for reference to all stakeholders. The Commission is not required to conduct public hearings or public consultations on all such matters which fall in the realm of adjudication under Section 86(1) (e) of the Act, though they may involve financial commitments that are finally to be passed on to the consumers. However, if any stakeholder is willing to intervene in the proceedings, they are allowed and their views are duly considered. The objectors, instead of making intervention in the proceedings during their pendency and having allowed the orders to attain finality are seeking to throw the blame on the Commission without any justification. Therefore, the objection in this regard is frivolous and vexatious. Accordingly, the amounts claimed are admissible to FPPCA.

Y. Shall the FPPCA be determined for different categories/slabs of consumers in proportion to their retail tariffs? And whether if the PP cost with FPPCA is considered in CSS computations as per the formula, would the CSS be much less than what was determined in the RST Orders for C&I OA consumers? and whether there is no procedure to correct CSSs?

One objection is that different rates of FPPCA are being determined for consumers of the same category in different DISCOMs, leading to imbalances between consumers of the same category under different DISCOMs. In other words, the principles applied to ensure uniformity of tariffs to the same category of consumers in the Commission's RSTO orders are not being followed in determining FSA/FPPCA rates. Hence, the request is to determine the FPPCA charges in proportion to their tariffs in the retail supply tariffs, mainly for domestic consumers.

The other objector's contention is that if the CSS had been computed based on the revised power purchase costs approved in the present proceedings, it would be much less than what the Commission initially determined in the RST Order. There is no provision to correct the CSS for C&I consumers, similar to true-up provisions.

Response of DISCOMs:

As per Clause (D) of the extant Regulation, the distribution licensee shall pass through the FPPCA uniformly on all categories of consumers existing in that quarter based on consumption.

Commission's Analysis & decision:

The Commission is guided by the extant Regulation in passing FPPCA charges for various categories of consumers. As responded by DISCOMS, it shall pass through the FPPCA uniformly on all categories of consumers existing in that quarter based on consumption following the extant Regulation. However, the Commission determines the FPPCA uniformly across the DISCOMS, similar to RS tariffs as stated supra. Hence, it is not inclined to determine the FPPCA in proportion to their tariffs in the RST Order.

Regarding the other contention, this proceeding is taken up under section 62 (4) of the Electricity Act 2003. Any tariff already fixed in RST can not be changed under the present proceedings in any manner. Otherwise, it would amount to an amendment to the Original Tariff Order as per the observations of the Hon'ble Supreme Court judgement dated 18.10.2022 in BSES Rajdhani Power Ltd Vs DERC. Such redetermination of the tariff can be undertaken only under section 64 (6). The cross-subsidy fixed in the RST Order can not be changed, and no procedure exists to address the hypothetical contention raised.

- Z. Should the Commission write a letter to GoAP to find out its stand on DISCOM's FPPCA claims in the light of the objectors' plea that the government must bear the entire burden.**

Commission's Analysis & decision:

Neither the Electricity Act 2003 nor the extant Regulation provides for addressing the government before or after the finalisation of the FPPCA. However, the Commission follows this practice when determining Retail Supply Tariffs under section 62, as under section 65, the State Government requires the grant of any subsidy to any consumer or class of consumers in the tariffs determined by the State Commissions under section 62. This procedure cannot be adopted in the FPPCA determination proceedings. As the proceedings are in the public domain, the Government itself would have come forward to make any such offer. Hence, the Commission is not inclined to accept the objectors' plea.

AA. The Objectors' plea not to consider the UI claims

The objectors stated that all three DISCOMs have drawn UI energy at significantly high rates and, as a result, have paid a total of Rs. 48.93 Crores. This amount is due to DISCOMS's inefficiency in managing its power portfolio economically. Hence, the UI claim should not be passed to the end consumer (partially/fully) in the FPPCA as it is a penalty. Moreover, without enabling provisions in the Tariff Regulations, the UI charges should not be admitted as a pass-through in the FPPCA.

Response of DISCOMs:

Unscheduled interchange transactions happen as per the Grid Exigencies depending on the instant supply-demand conditions. Deviations are bound to happen while balancing the generation and grid demand on a second-to-second basis in real time. SLDC, considering the above factors, takes a spot decision to maintain Grid as per Grid Code. The percentage quantum of UI energy will be only a fraction of the total procurement quantum. As explained, the UI is incidental to the operation. Hence, the Commission may consider the UI charges.

Commission's Analysis & decision:

The Commission examined the quarterly UI energy drawal and charges incurred for FY 2022-23, as shown below.

Quarter	Total Dispatch-MU	UI Energy - Net-MU	% UI Energy	UI Charges-Rs Crs
Q1	18219.18	56.80	0.31%	138.26
Q2	17844.93	20.51	0.11%	49.55
Q3	15877.03	29.36	0.18%	12.97
Q4	18845.40	-39.17	-0.21%	4.37
Total	70786.55	67.50	0.095%	205.16

As can be seen from the above table, the percentage of net UI energy drawal (net of Overdrawal & Underdrawal) is only a fraction (0.095%) and is less than 0.1% of the total procurement quantum. The UI is inevitable as it is arduous to maintain the drawal from the grid at the same level of scheduled quantum at any moment/time block of 15 minutes. UI is payable as per CERC-notified Regulations. While the quantum of net UI energy is very meagre i.e, less than

0.1%, the penal rate at which it is drawn requires prudence. The average rate of UI is observed to be Rs 30.6/Unit and shall be the cause of concern. The objective of the CERC Deviation Settlement Mechanism (DSM) regulation is to maintain Grid discipline as envisaged under the Grid Code.

Further, the Electricity (Amendments) Rules, 2022, notified by the Ministry of Power on 29.12.2022, Inter alia specified the Fuel and Power Purchase cost adjustment formula and computation methodology. As per the computation methodology specified in the rules, the power purchase cost shall exclude any charges incurred by the deviation settlement mechanism. The said Rules are not binding on the Commission as they were issued in the purported residuary powers of the Central Government.

UI is inevitable in certain time blocks given the huge RE mix in the DISCOMS' power portfolio. But given its penal nature, the Commission is not inclined to accept the entire claim of the DISCOMS. Instead, the weighted average short-term purchase price in the respective quarters is used to value the net UI energy and is accordingly taken into FPPCA calculations.

APSLDC/APDISCOMS are cautioned to be vigilant in drawing up enough resources for day-ahead scheduling and to ensure that deviations if any are minuscule from the schedule drawal from ISTS so as not to burden the end consumers with exorbitant UI charges. Therefore, the Commission reiterates its direction in the FPPCA order for FY 2021-22 dated 1st March 2023, as shown below.

DISCOMS are directed to furnish the details of UI energy and charges month-wise for over/under drawal from ISTS in the deviation range of 0-10 per cent, 10-15 per cent, and beyond 15 per cent or the slabs for DSM charges as specified in relevant DSM regulations in the filings to be made in future for taking appropriate action by the Commission.

BB. The objector's plea not to allow the claims regarding the power purchase costs from the unapproved CG Stations.

The objection is that the DISCOMS have claimed procurement from certain Central Sector Generating stations like NTPC Kudgi Stage-I, NTECL Valluru, NTPL (NLC Tamil Nadu) and NLC NNTPS, which were not approved sources as

per the approved dispatch list contained in the Retail Supply tariff order for FY 2022-23. The overall claim from such plants is Rs. 1,854.08 Cr. This is non-compliance with the Tariff Regulations and the Commission's directions. Hence, the Commission may disallow the variation in Power procured from non-approved sources.

Response of DISCOMs:

The Commission has disallowed power purchase from 4 Nos. CGS stations, i.e., NTPC Kudgi, NTECL Valuru, NNTPS, and NTPL in RSTO FY 22-23, FY 23-24 and also PPA for these stations has also been rejected vide order dt. 30.10.2023. APDISCOMs have approached Hon'ble APTEL regarding the above issues as it is required to meet the base load, and the matter is subjudice. APDISCOMs have already emphasised the importance of procuring from these four stations during the RSTO FY 22-23 & FY 23-24 hearings. Though the Commission has disallowed the power purchases from these stations, until there is complete relinquishment with MoP approval, the Discoms are liable to pay fixed charges and part load compensations. Hence, Power is still procured from these stations to meet the grid demand. Hence, APDISCOMs submit that these amounts may be passed through.

Commission's Analysis & decision:

Procurement from these CGS stations has not been approved in the Retail Supply tariff order for FY 2022-23 for the detailed reasons recorded therein. The issue is subjudice before Hon'ble APTEL, but no stay orders on the Commission's Orders have been passed. The DISCOMs have procured a quantum of around 2900 MU by spending around Rs 1860 Crs at a weighted average rate of Rs 6.40/Unit in all four quarters in FY 2022-23. Since the energy dispatch which was done to meet the load at a prevalent time, can not be denied, the Commission decided to exclude the procurement from unapproved CGS stations from FPPCA workings and substitute the equivalent quantum of energy at the weighted average price of the power from approved sources in the FPPCA calculations.

Determination of admissible Claims:

9. The tables below summarise the filings on despatch and power purchase cost variations (RSTO FY2022-23 vs. actuals) for each quarter and the total year.

Quarter -1

S.No	Generating station/ Stage/Source	DESPATCH(MU)			FC(Rs.Million)			VC(Rs.Million)			TC(Rs.Million)		
		RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation
1	AP Genco Thermal	5310	5112	-198	6141	6141	-	18659	19458	799	24801	25599	799
2	GENCO-HYDEL	402	371	-32	1408	1408	-	0	0	0	1408	1408	0
3	Inter-state hydel(AP SHARE)	95	72	-24	162	162	-	0	0	0	162	162	0
4	APGENCO-TOTAL	5808	5555	-253	7711	7711	-	18659	19458	799	26371	27170	799
5	CGS TOTAL	2191	3456	1265	2150	4293	2143	6040	12589	6548	8190	16882	8692
6	JNNM PH-1 THERMAL	80	64	-15	128	67	-62	229	251	22	357	318	-40
7	Total NCE	4474	4202	-272	0	7	7	20872	18990	-1882	20872	18997	-1875
8	Godavari Gas	135	128	-8	63	47	-16	336	710	375	398	757	359
9	Thermal Powertech Corporation India	420	409	-11	676	657	-18	944	919	-25	1620	1576	-43
10	SDSTPS-STAGE 1	3029	1233	-1796	4453	2003	-2450	9510	3872	-5638	13963	5875	-8088
11	HNPCL	1910	1006	-904	1919	1067	-852	5272	2778	-2494	7191	3845	-3346
12	Total Others	5493	2776	-2718	7110	3774	-3336	16061	8279	-7782	23171	12053	-11118
13	Total Dispatch	18045	16052	-1993	17100	15853	-1247	61862	59567	-2295	78961	75419	-3542
14	JNNM PH-II THERMAL	0	0	0	0	21	21	0	38	38	0	59	59
15	UI CHARGES	0	57	57	0	0	0	0	1383	1383	0	1383	1383
16	Short Term Purchases	205	2712	2506	0	0	0	883	25730	24847	883	25730	24847
17	Short Term Sales	0	601	601	0	0	0	0	3408	3408	0	3408	3408
18	Net Dispatch	18250	18219	-31	17100	15874	-1226	62745	83310	20565	79844	99183	19339
19	TOTAL TRANSMISSION & ULDC CHARGES	0	0	0	9451	9951	500	0	0	0	9451	9951	500
20	Past claims/refunds	0	0	0	0	0	0	0	0	0	0	0	0
21	TOTAL POWER PURCHASE	18250	18219	-31	26551	25825	-726	62745	83310	20565	89295	109135	19839

Quarter -2

S.No.	Generating station/ Stage/Source	DESPATCH(MU)			FC(Rs.Million)			VC(Rs.Million)			TC(Rs.Million)		
		RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation
1	AP Genco Thermal	4411	3911	-500	6141	5047	-1094	15342	13778	-1564	21483	18825	-2658
2	GENCO-HYDEL	966	1506	540	1408	1408	0	0	0	0	1408	1408	0
3	Inter-state hydel(AP SHARE)	147	132	-15	162	162	0	0	0	0	162	162	0
4	APGENCO-TOTAL	5524	5549	25	7711	6617	-1094	15342	13778	-1564	23053	20395	-2658
5	CGS TOTAL	2390	3382	992	2150	3734	1584	6711	14948	8237	8861	18682	9821
6	JNNSM PH-1 THERMAL	80	46	-34	128	82	-46	229	262	33	357	344	-13
7	Total NCE	4614	4910	296	0	11	11	21538	22616	1078	21538	22627	1089
8	Godavari Gas	70	97	27	63	104	42	173	558	385	235	662	427
9	Thermal Powertech Corporation India	420	449	30	676	705	29	944	1019	75	1620	1724	104
10	SDSTPS (APPDCL)-STAGE 1	3062	1608	-1454	4453	2562	-1891	9614	5049	-4566	14067	7610	-6457
11	HNPCL	1722	1170	-552	1919	1608	-310	4753	3265	-1487	6672	4874	-1798
12	Total Others	5273	3324	-1949	7110	4979	-2131	15484	9891	-5593	22594	14870	-7724
13	Total Dispatch	17880	17211	-669	17100	15422	-1677	59304	61496	2192	76404	76918	514
14	JNNSM PH-II THERMAL	0	0	0	0	4	4	0	2	2	0	6	6
15	UI CHARGES	0	21	21	0	0	0	0	496	496	0	496	496
16	Short Term Purchases	0	1458	1458	0	66	66	0	9419	9419	0	9485	9485
17	Short Term Sales	0	-785	-785	0	0	0	0	-3199	-3199	0	-3199	-3199
18	Net Dispatch	17880	17905	25	17100	15493	-1607	59304	68213	8909	76404	83706	7302
19	TOTAL TRANSMISSION & ULDC CHARGES	0	0	0	9451	8092	-1359	0	0	0	9451	8092	-1359
20	Past claims/refunds	0	-60	-60	0	33	33	0	-2355	-2355	0	-2321	-2321
21	TOTAL POWER PURCHASE	17880	17845	-35	26551	23618	-2933	59304	65858	6554	85855	89476	3622

Quarter -3

S. No.	Generating station/ Stage/Source	DESPATCH(MU)			FC(Rs.Million)			VC(Rs.Million)			TC(Rs.Million)		
		RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation
1	AP Genco Thermal	5113	4241	-872	6141	6141	0	18046	14902	-3144	24187	21043	-3144
2	GENCO-HYDEL	753	1270	517	1408	1408	0	0	0	0	1408	1408	0
3	Inter-state hydel(AP SHARE)	127	119	-8	162	162	0	0	0	0	162	162	0
4	APGENCO-TOTAL	5993	5630	-364	7711	7711	0	18046	14902	-3144	25758	22614	-3144
5	CGS TOTAL	2449	3008	559	2150	5529	3379	6805	11342	4537	8955	16870	7915
6	JNNM PH-1 THERMAL	80	47	-33	128	107	-21	229	196	-33	357	303	-54
7	Total NCE	2850	2498	-352	0	17	17	13294	11071	-2222	13294	11088	-2205
8	Godavari Gas	137	5	-132	63	71	8	340	59	-281	402	130	-272
9	Thermal Powertech Corporation India	347	465	118	676	697	21	780	1083	303	1456	1906	451
	Thermal Powertech Corporation India Others				0	126	126						
10	SDSTPS -STAGE 1	2208	1240	-968	4453	1967	-2486	6932	3894	-3038	11385	5861	-5524
11	HNPCL	1960	1154	-806	1919	1677	-242	5410	3664	-1745	7328	5342	-1987
12	Total Others	4651	2864	-1787	7110	4538	-2572	13461	8700	-4761	20571	13239	-7333
13	Total Dispatch	16023	14048	-1976	17100	17902	802	51835	46212	-5623	68935	64114	-4821
14	JNNM PH-II THERMAL	0	0	0	0	140	140	0	-10	-10	0	130	130
15	UI CHARGES	0	29	29	0	130	130	0	0	0	0	130	130
16	Short Term Purchases	1561	2292	731	0	7	7	6711	13711	7000	6711	13718	7007
17	Short Term Sales	0	145	145	0	0	0	0	559	559	0	559	559
18	Banking(Import)	0	21	21	0	0	0	0	134	134	0	134	134
19	Net Dispatch	17584	16244	-1340	17100	18179	1079	58546	59488	942	75646	77667	2021
20	TOTAL TRANSMISSION & ULDC CHARGES	0	0	0	9451	11324	1873	0	272	272	9451	11596	2145
21	Past claims/refunds	0	-411	-411	0	94	94	0	-549	-549	0	-454	-454
22	ARREARS related to past years	0	44	44	0	6993	6993	0	169	169	0	7162	7162
23	TOTAL POWER PURCHASE	17584	15877	-1707	26551	36590	10040	58546	59379	833	85097	95970	10873

Quarter -4

S.No.	Generating station/ Stage/Source	DESPATCH(MU)			FC(Rs.Million)			VC(Rs.Million)			TC(Rs.Million)		
		RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation
1	AP Genco Thermal	5710	5322	-388	6141	6141	0	20156	27738	7582	26297	33879	7582
2	GENCO-HYDEL	723	640	-83	1408	1408	0	0	0	0	1408	1408	0
3	Inter-state hydel(AP SHARE)	118	116	-2	162	162	0	0	0	0	162	162	0
4	APGENCO-TOTAL	6551	6078	-473	7711	7711	0	20156	27738	7582	27867	35450	7582
5	CGS TOTAL	2479	2992	513	2150	4793	2643	6879	11949	5070	9029	16742	7713
6	JNNSM PH-1 THERMAL	80	67	-12	128	88	-40	229	267	38	357	355	-2
7	Total NCE	3152	3076	-76	0	14	14	14668	13747	-921	14668	13761	-907
8	Godavari Gas	134	-2	-136	63	78	15	332	0	-332	394	78	-317
9	Thermal Powertech Corporation India	420	472	53	676	686	10	944	1134	190	1620	1820	200
10	SEMBCORP PROJECT-2 (350MW)	0	475	475	0	810	810	0	1072	1072	0	1883	1883
11	SEMBCORP PROJECT-2 (150MW)	0	79	79	0	0	0	0	563	563	0	563	563
12	SEMBCORP PROJECT-2 (125MW)	0	66	66	0	147	147	0	353	353	0	500	500
13	SDSTPS -STAGE 1	2841	1367	-1474	4453	2235	-2218	8921	4293	-4628	13374	6528	-6846
14	SDSTPS -STAGE 2	0	117	117	0	168	168	0	368	368	0	535	535
15	HNPCL	1649	1202	-447	1919	1786	-133	4551	3978	-573	6470	5764	-706
16	Total Others	5043	3776	-1267	7110	5910	-1200	14748	11761	-2986	21858	17671	-4187
17	Total Dispatch	17305	15991	-1315	17100	18516	1416	56680	65463	8783	73780	83978	10199
18	UI CHARGES	0	-39	-39	0	0	0	0	44	44	0	44	44
19	Short Term Purchases	1909	2156	247	0	23	23	8208	17304	9096	8208	17327	9118
20	Short Term Sales	0	246	246	0	0	0	0	1327	1327	0	1327	1327
21	Banking(Import)	0	0	0	0	0	0	0	0	0	0	0	0
22	Net Dispatch	19214	17861	-1353	17100	18538	1439	64888	81484	16595	81988	100022	18034
23	TOTAL TRANSMISSION & ULDC CHARGES	0	0	0	9451	10534	1083	0	0	0	9451	10534	1083
24	Past claims/refunds	0	-41	-41	0	-2627	-2627	0	1037	1037	0	-1589	-1589
25	ARREARS	0	362	362	0	9918	9918	0	5729	5729	0	15647	15647
26	SWAPPING	0	663	663	0	0	0	0	3599	3599	0	3599	3599
27	TOTAL POWER PURCHASE	19214	18845	-369	26551	36364	9813	64888	91849	26961	91439	128213	36774

Total Year FY 2022-23

S.No	Generating station/ Stage/Source	DESPATCH(MU)			FC(Rs.Million)			VC(Rs.Million)			TC(Rs.Million)		
		RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation
1	AP Genco Thermal	20544	18586	-1958	24565	23470	-1094	72203	75877	3674	96768	99347	2579
2	GENCO-HYDEL	2844	3787	943	5633	5633	0	0	0	0	5633	5633	0
3	Inter-state hydel(AP SHARE)	488	439	-49	648	648	0	0	0	0	648	648	0
4	APGENCO-TOTAL	23876	22812	-1064	30846	29751	-1094	72203	75877	3674	103049	105628	2580
5	CGS TOTAL	9508	12838	3330	8600	18356	9756	26436	50828	24392	35035	69183	34148
6	JNNSM PH-1 THERMAL	318	224	-94	512	343	-169	916	976	60	1429	1319	-109
7	NCE-WIND TOTAL	7415	6890	-525	0	0	0	34851	32473	-2378	34851	32473	-2378
8	NCE -OTHERS	496	370	-126	0	47	47	2802	1959	-843	2802	2006	-796
9	NCE-SOLAR Total	4378	4629	251	0	1	1	19701	19483	-217	19701	19484	-217
10	JNNSM PH-1 SOLAR	67	45	-21	0	0	0	712	488	-224	712	488	-224
11	JNNSM PH-2 SOLAR	2735	2753	18	0	0	0	12306	12022	-284	12306	12022	-284
12	Total NCE	15090	14686	-404	0	48	48	70372	66425	-3947	70372	66473	-3899
13	Godavari Gas	476	228	-248	250	300	50	1180	1327	147	1430	1627	197
14	Thermal Powertech Corporation India	1605	1795	190	2704	2745	42	3612	4281	670	6315	7026	711
15	SEMBCORP PROJECT-2 (350MW)	0	475	475	0	810	810	0	1072	1072	0	1883	1883
16	SEMBCORP PROJECT-2 (150MW)	0	79	79	0	0	0	0	563	563	0	563	563
17	SEMBCORP PROJECT-2 (125MW)	0	66	66	0	147	147	0	353	353	0	500	500
18	SDSTPS -STAGE 1	11139	5448	-5691	17812	8767	-9045	34977	17107	-17870	52789	25874	-26915
19	SDSTPS -STAGE 2	0	117	117	0	168	168	0	368	368	0	535	535
20	HNPCL	7241	4532	-2709	7676	6139	-1537	19985	13686	-6300	27661	19824	-7836
21	Total Others	20461	12740	-7721	28441	19076	-9366	59753	38757	-20996	88195	57833	-30362
22	Total Dispatch	69254	63301	-5952	68399	67574	-825	229681	232863	3183	298079	300437	2357
23	UI CHARGES	0	67	67	0	130	130	0	1922	1922	0	2052	2052
24	Short Term Purchases	3675	8617	4942	0	96	96	15803	66164	50361	15803	66261	50458
25	Short Term Sales	0	1777	1777	0	0	0	0	8493	8493	0	8493	8493
26	Banking(Import)	0	21	21	0	0	0	0	134	134	0	134	134

S.No	Generating station/ Stage/Source	DESPATCH(MU)			FC(Rs.Million)			VC(Rs.Million)			TC(Rs.Million)		
		RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation	RSTO	ACTUAL	Variation
27	Net Dispatch	72929	70230	-2699	68399	67800	-599	245483	292590	47107	313882	360390	46508
28	TOTAL TRANSMISSION & ULDC CHARGES	0	0	0	37804	39902	2098	0	272	272	37804	40174	2370
29	Past claims/refunds	0	-512	-512	0	-2499	-2499	0	-1866	-1866	0	-4365	-4365
30	ARREARS	0	406	406	0	17069	17069	0	5928	5928	0	22997	22997
31	SWAPPING	0	663	663	0	0	0	0	3599	3599	0	3599	3599
32	GRAND TOTAL	72929	70787	-2142	106203	122272	16069	245483	300523	55039	351686	422794	71108

The Commission proposes to analyse the despatch variations from the approved sources and the corresponding power purchases from the other sources before finalising the admissible claims as detailed below.

The approved vs actual dispatch from the generating stations and other sources with variance for all four quarters and the whole FY 22-23 together are shown in the tables below:

FY 2022-23 Q-1:

S.No.	Generating station/ Stage/Source	Despatch (MU)		% Variance
		RSTO Approved	Actual	
1	APGENCO Thermal	5310.01	5112.36	-4%
2	GENCO-HYDEL	402.08	370.51	-8%
3	Inter-state hydel(AP SHARE)	95.49	71.80	-25%
4	APGENCO-TOTAL	5807.58	5554.68	-4%
5	CGS Approved	2190.55	2600.16	19%
6	CGS Unapproved	-	855.50	
7	CGS total	2190.55	3455.66	58%
8	JNNSM PH-1 THERMAL	79.53	64.10	-19%
9	Total NCE	4473.84	4201.52	-6%
10	Total Others	5493.46	2775.88	-49%
11	Total Dispatch	18044.96	16051.83	-11%
12	UI	-	56.80	
13	Short Term Purchases	205.38	2711.70	1220%
14	Short Term sales	-	601.14	
15	Net Dispatch	18250.34	18219.18	-0.2%
16	Total Power Purchase	18250.34	18219.18	-0.2%

FY 2022-23 Q-2:

S.No.	Generating station/ Stage/Source	Despatch (MU)		% Variance
		RSTO Approved	Actual	
1	APGENCO Thermal	4411.23	3911.03	-11%
2	GENCO-HYDEL	965.82	1506.02	56%
3	Inter-state hydel(AP SHARE)	147.24	132.45	-10%
4	APGENCO-TOTAL	5524.29	5549.50	0.5%
5	CGS Approved	2389.67	2579.94	8%
6	CGS Unapproved	-	801.99	
7	CGS total	2389.67	3381.93	42%
8	JNNSM PH-1 THERMAL	79.53	45.99	-42%
9	Total NCE	4613.57	4910.05	6%
10	Total Others	5272.99	3323.76	-37%
11	Total Dispatch	17880.05	17211.23	-4%
12	UI	-	20.51	
13	Short Term Purchases	-	1457.68	
14	Short Term sales	-	784.76	
15	Net Dispatch	17880.05	17904.66	0.1%
16	Past Claims	-	-59.72	
17	Total Power Purchase	17880.05	17844.94	-0.2%

FY 2022-23 Q-3:

S.No.	Generating station/ Stage/Source	Despatch (MU)		% Variance
		RSTO Approved	Actual	
1	APGENCO Thermal	5113.07	4240.69	-17%
2	GENCO-HYDEL	753.36	1270.28	69%
3	Inter-state hydel(AP SHARE)	126.74	118.70	-6%
4	APGENCO-TOTAL	5993.17	5629.67	-6%
5	CGS Approved	2448.97	2448.68	0%
6	CGS Unapproved	-	559.76	
7	CGS total	2448.97	3008.44	23%
8	JNNSM PH-1 THERMAL	79.53	46.88	-41%
9	Total NCE	2850.29	2498.39	-12%
10	Total Others	4651.20	2864.17	-38%
11	Total Dispatch	16023.16	14047.55	-12%
12	UI Charges	-	29.36	
13	Short Term Purchases	1560.77	2291.54	47%
14	Short Term sales	-	145.39	
15	Banking (Import)	-	21.37	
16	Net Dispatch	17583.93	16244.43	-8%
17	Past Claims	-	-410.92	
18	Arrears	-	43.51	
19	Total Power Purchase	17583.93	15877.02	-10%

FY 2022-23 Q-4:

S.No.	Generating station/ Stage/Source	DESPATCH(MU)		% Variance
		APPROVED	ACTUAL	
1	APGENCO Thermal	5709.97	5322.39	-7%
2	GENCO-HYDEL	722.80	639.91	-11%
3	Inter-state hydel(AP SHARE)	118.42	116.02	-2%
4	APGENCO-TOTAL	6551.19	6078.32	-7%
5	CGS Approved	2478.81	2343.39	-5%
6	CGS Unapproved	-	648.58	
7	CGS total	2478.81	2991.97	21%
8	JNNSM PH-1 THERMAL	79.53	67.40	-15%
9	Total NCE	3152.49	3076.49	-2%
10	Total Others	5043.35	3776.40	-25%
11	Total Dispatch	17305.37	15990.58	-8%
12	UI Charges	-	-39.18	
13	Short Term Purchases	1908.93	2156.12	13%
14	Short Term sales	-	246.09	
15	Net Dispatch	19214.30	17861.43	-7%
16	Past Claims	-	-41.27	
17	Arrears	-	362.42	
18	Swapping	-	662.81	
19	Total Power Purchase	19214.30	18845.39	-2%

FY 2022-23

S.No.	Generating station/ Stage/Source	DESPATCH(MU)		% Variance
		APPROVED	ACTUAL	
1	APGENCO Thermal	20544.28	18586.47	-10%
2	GENCO-HYDEL	2844.06	3786.72	33%
3	Inter-state hydel(AP SHARE)	487.89	438.97	-10%
4	APGENCO-TOTAL	23876.23	22812.17	-4%
5	CGS Approved	9508.00	9972.17	5%
6	CGS Unapproved	0.00	2865.83	
7	CGS total	9508.00	12838.00	35%
8	JNNSM PH-1 THERMAL	318.12	224.37	-29%
9	Total NCE	15090.19	14686.45	-3%
10	Total Others	20461.00	12740.21	-38%
11	Total Dispatch	69253.54	63301.19	-9%
12	UI	0.00	67.49	
13	Short Term Purchases	3675.08	8617.04	134%
14	Short Term sales	0.00	1777.38	
15	Banking (Import)	0.00	21.37	
16	Net Dispatch	72928.62	70229.70	-4%
17	Past Claims	0.00	-511.91	
18	Arrears	0.00	405.93	
19	Swapping	0.00	662.81	
20	Total Power Purchase	72928.62	70786.53	-3%

APDISCOMs submissions on the variations of despatch.

APGENCO's thermal stations observed a 10% less actual dispatch than approved dispatch energy. Regarding this dispatch variance, APDISCOMs stated that the actual availability declared by GENCO thermal plants (except RTPP STAGE-II, III) is reduced compared to approved availabilities. The same is reflected in dispatched energy. Coal shortages, annual overhauls, breakdowns, etc., decreased availabilities. Also, the dispatched energy is not the same as the availability declared by the plants, as the plants have been backed down respecting the Merit order principle.

GENCO Hydel stations witnessed 33% more energy dispatch than approved dispatch. The quantum of water discharge at the Hydel power plant is as decided by irrigation authorities. Hence, there is a deviation in energy dispatch as compared to the actual availability declared by the respective plants.

Except for NTPC Simhadri Stage II and NTPC Ramagundam Stage III, other approved CG stations dispatched more than the approved energy. Higher dispatch of energy from CGS plants is due to higher grid demand and non-availability of generation from approved sources such as SDSTPS-I, HNPCL, APGENCO Thermal stations and deviation in expected generation vs actual generation from RE sources, etc. APDISCOMs were forced to procure power from CGS stations (Kudgi, Valluru, NNTPS, NTPL) to meet the increased demand, though the Commission did not approve the same. Further, APDISCOMS also procured energy CGS stations under URS, duly considering the availability of cheaper power in power markets. The fixed and variable costs were also increased accordingly. This was done to ensure 24X7 power supply for all.

The actual energy dispatch was significantly decreased by 52% (247.69 MU), 51% (5691.11 MU), and 37% (2709.13) in respect of Godavari Gas, APPDCL Stage-1, and HNPCL, respectively. The variance is due to lower availability declared by the generators-SDSTPS Stage I, HNPCL.

A variance of 134% in short-term purchases was observed. APDISCOMs stated that during real-time, the forecasted grid demand varies due to weather conditions, and the forecasted generation varies due to outages or variations in RE generation. To balance the load generation on a real-time basis, APDISCOMs overdraw/underdraw from the grid. Also, when cheaper power is available in power markets, the APDISCOMs procure power through exchanges/e-bidding

portals to ensure 24X7 power for all at low prices. Other reasons led to short-term purchases, such as lower availabilities from approved sources, coal shortages, annual overhauls, breakdowns, higher demand than estimated demand, deficit during peak periods leading to higher market purchase costs, etc. When grid demand fluctuates, resulting in excess power, the surplus energy is sold through power exchanges during specific periods.

Commission's Analysis and Decision

The Commission found reasonableness in the DISCOMS's submissions regarding the variations in the despatch from the approved sources and the under-generation, particularly from APPDCL, HNPCL, and APGENCO thermal stations, which led to the purchase of the higher quantum of energy in Markets/ Exchanges. The Commission also verified their despatch for the whole year with data available in audited books of accounts. A similar trend is observed in each quarter of the despatch variations. Therefore, the Commission is inclined to approve the despatch variations as filed, except the despatch from unapproved sources of CGS, whose consideration will be discussed at the appropriate place in the following paragraphs.

(i) Fixed Costs for FY 2022-23:

a. APGENCO Thermal Stations:

APDISCOMs have submitted claims totalling Rs. 2,347.01 Cr. towards the fixed costs of APGENCO thermal plants against the approved fixed cost of Rs. 2,456.46 Cr. The Commission's analysis of claims is shown in the table below.

S · N o	Generating station/ Stage/Sour ce	Target Availabil ity (%)	Cum Availabilit y Achieved (%)	Approve d Fixed Cost (Rs. Cr)	Admissible Fixed cost as per actual Availability (Rs. Cr)	Fixed Cost Claim (Rs. Cr)	Excess Claim (Rs. Cr.)
1	Dr.NTTPS-I	80.00	71.11	237.90	211.46	237.90	26.43
2	Dr.NTTPS-II	80.00	71.11	237.90	211.46	237.90	26.43
3	Dr.NTTPS-II I	80.00	71.11	237.90	211.46	237.90	26.43
4	Dr.NTTPS-I V	80.00	82.20	286.67	286.67	286.66	0.01
5	RTPP Stage-I	80.00	60.88	269.13	204.81	269.13	64.32
6	RTPP Stage-II	80.00	82.62	263.89	263.89	263.90	0.01

S · N o	Generating station/ Stage/Sour ce	Target Availabil ity (%)	Cum Availabil ity Achieved (%)	Approve d Fixed Cost (Rs. Cr)	Admissible Fixed cost as per actual Availability (Rs. Cr)	Fixed Cost Claim (Rs. Cr)	Excess Claim (Rs. Cr.)
7	RTPP Stage-III	80.00	80.88	170.54	170.54	170.54	0.00
8	RTPP Stage-IV	85.00	60.80	752.53	538.28	643.10	104.82
9	TOTAL (Thermal)			2456.46	2098.58	2347.01	248.44

DISCOMS have stated that initially, one-twelfth of the AFC was admitted every month, and actual FC was arrived at based on the cumulative actual availabilities furnished by APSLDC. The Commission verified the generating stations' availability with SLDC data and arrived at a proportionate fixed cost of Rs. 2098.57 Cr. But DISCOMS claimed an amount of 2347.01 Cr. DISCOMS stated that the additional Rs. 248.44 Cr claimed amount is adjusted in past claims. The Commission has verified the past claims and found that 357.88 Crore was adjusted towards APGENCO thermal stations, which is more than the deviation found. Hence, the Commission is inclined to approve the fixed costs as claimed above.

b. APGENCO Hydel Stations

APDISCOMS have submitted claims totalling Rs.563.32 Cr. towards the fixed costs of APGENCO hydel plants against the approved fixed cost of Rs.563.32 Cr. The Commission's analysis is shown in the table below.

S · N o	Generating station/ Stage/Source	Capacit y Index (%)	Cum Availabil ity Achieve d (%)	Approv ed Fixed Cost (Rs. Cr)	Fixed cost as per Capacity Index (Rs. Cr)	Fixed Cost Claim (Rs. Cr)	Admiss ible Fixed Cost (Rs. Cr)	Excess Claim (Rs. Cr.)
1	Srisailam -RBPH	85.00	99.36	227.30	227.30	227.31	227.30	0.00
2	NSRCPH	85.00	100.00	26.09	26.09	26.09	26.09	0.00
3	NSTPDC PH	85.00	92.86	50.10	50.10	50.10	50.10	0.00
4	Sileru Complex	90.00	99.54	244.48	244.48	244.49	244.48	0.00
5	Penna Ahobilam	85.00	100.00	13.53	13.53	13.52	13.53	0.00
6	Mini Hydel (Chettipeta)	85.00	100.00	1.82	1.82	1.82	1.82	0.00
7	APGENCO Hydel Total			563.32	563.32	563.32	563.32	0.00

S. No	Generating station/ Stage/Source	Capacity Index (%)	Cum Availability Achieved (%)	Approved Fixed Cost (Rs. Cr)	Fixed cost as per Capacity Index (Rs. Cr)	Fixed Cost Claim (Rs. Cr)	Admissible Fixed Cost (Rs. Cr)	Excess Claim (Rs. Cr.)
8	Inter-state hydel(AP SHARE)			64.77	0	64.775	64.775	0.00

APDISCOMs have stated that, as per the APGENCO Composite PPA, one-twelfth of the Annual Fixed Charges were admitted monthly. The cumulative fixed charges admitted in the above manner until the end of the financial year were adjusted at the end of the financial year based on the actual availability achieved vis-a-vis the normative availability.

The Commission computed the station-wise FC based on the capacity index and arrived at an admissible fixed cost of 563.32 Cr which is equivalent to the claim of the DISCOMS. The claims of interstate hydel stations are found to be as per the approval in the RST Order.

Hence, the Commission is inclined to approve APGENCO Hydel's and Interstate Haydel's fixed costs as filed by the DISCOMS.

c. CGS Stations whose PPAs are approved by the Commission

APDISCOMs submitted a claim of Rs. 1,244.44 Cr. towards fixed costs for approved central generating stations against the approved amount of 859.96 Cr. The Commission analysis is shown in the table below.

S. No	Generating station/ Stage/Source	Target Availability (%)	Cum Availability Achieved (%)	Approved Fixed Cost (Rs. Cr)	Admissible Fixed Cost (Rs. Cr)	Fixed Cost Claim (Rs Cr)	Excess Claim (Rs. Cr.)
1	NTPC (SR) Ramagundam I & II	85.00	86.95	138.93	165.59	165.59	-
2	NTPC (SR) Simhadri Stage 1	85.00	93.95	304.78	503.09	504.03	0.94
3	NTPC (SR) Simhadri Stage 2	85.00	93.67	217.61	290.80	290.80	-
4	NTPC (SR) Talcher St. II	85.00	96.29	87.75	159.59	159.59	-
5	NTPC (SR) Ramagundam Stage-III	85.00	84.83	40.35	41.90	41.90	-
6	NLC Stage-I	85.00	59.46	22.23	26.71	26.71	-
7	NLC Stage-II	85.00	67.08	42.21	55.81	55.81	-
8	NPC (MAPS)	-	-	2.62	0.00	0.00	-
9	NPC (Kaiga Unit-I,II, III, IV)	-	-	3.48	0.00	0.00	-
Total				859.96	1243.50	1244.44	0.94

The Commission has verified the claims submitted by the DISCOMs, and it is found that the claimed FC also includes arrears of previous financial years based on the CERC Orders. However, claimed FC includes LPS amount of Rs. 0.94 Cr. claimed on the account of NTPC Simhadri Stage I. Hence, the Commission disallowed LPS amount of Rs. 0.94 Cr.

d. JNNSM PH-1 Thermal

DISCOMs submitted a Rs.34.3 Cr FC claim against Rs.51.24 Cr approved. It has been verified and found to be okay. Hence, the Commission is inclined to approve as filed.

e. Non-Conventional Energy (NCE) Sources:

DISCOMs submitted a claim of Rs. 4.83 Crore towards fixed costs of NCE stations such as biomass, bagasse, waste-to-energy stations, etc. Post verification, the Commission is inclined to approve the fixed costs as claimed.

f. Others - Government IPPs

APDISCOMs submitted a claim of Rs.923.4 Cr towards FC of government IPPs, as against an approved amount of Rs.1806.2 Cr. The Commission's analysis is shown in the table below.

S.No	Generating station/ Stage/Source	Target Availability (%)	Cum Availability Achieved (%)	Approved Fixed Cost (Rs. Cr)	Admissible Fixed Cost (Rs. Cr)	Fixed Cost Claim (Rs Cr)	Excess Claim (Rs. Cr.)
1	Godavari Gas			25.01	29.96	29.96	0.00
2	SDSTPS (APPDCL)-STAGE 1	85.00	41.81	1781.19	876.14	876.69	0.56
3	SDSTPS (APPDCL)-STAGE 2	85.00	30.42	0.00	16.75	16.75	0.00
Total				1806.20	922.85	923.40	0.56

Regarding Godavari Gas Power Plant, DISCOMs have stated that though there was a meagre generation from GGPP in view of non-availability of gas, but fixed charges have to be admitted to meet O&M expenses as the plant is owned by APDISCOMs. After examination, the Commission admitted the same as filed.

As per the FC computation based on the plant's availability, the Commission considered Rs. 876.14 Cr. of FC for the APPDCL stage I

station against the claimed amount of Rs. 876.69 Cr. Therefore, an excess claim of Rs. 0.56 Cr. is disallowed.

APDISCOMs claimed Rs. 16.75 crore as fixed costs towards APPDCL Stage-II station from March 10, 2023, to March 31, 2023. This amount was calculated based on the fixed cost approved in the RST Order 2023-24 (Rs. 829.10 crore annually), proportionally adjusted for the 21 days and reflecting the actual monthly availability of 30.42%. After examination, the Commission is inclined to allow the claim as filed.

g. Others - Private IPPs

APDISCOMs have claimed Rs. 996.78 Cr. towards other private IPPs' fixed costs against the approved amount of Rs.1,037.91 Cr. The Commission's analysis is shown in the table below.

S. No	Generating station/ Stage/Source	Target Availability (%)	Cum Availability Achieved (%)	Approved Fixed Cost (Rs. Cr)	Admissible Fixed Cost (Rs. Cr)	Fixed Cost Claim (Rs Cr)	Excess Claim (Rs. Cr.)
1	Thermal Powertech Corporation India	85.00	91.40	270.35	287.13	287.13	0.00
2	SEMBCORP PROJECT-2 (350MW)	-	-	0.00	81.03	81.03	0.00
3	SEMBCORP PROJECT-2 (150MW)	-	-	0.00		0.00	0.00
4	SEMBCORP PROJECT-2 (125MW)	-	-	0.00	14.73	14.73	0.00
5	HNPCCL	85.00	54.79	767.56	613.88	613.88	0.00
Total				1037.91	996.78	996.78	0.00

Regarding Thermal Powertech Corporation India, based on the availability, the actual FC arrived at Rs. 270.35 Cr. Further, the incentive amount was added (calculated at Rs.0.25 per unit over and above the normative availability) as the actual availability exceeded the normative availability (85%). Upon verification, it was found that Rs. 12.6 Cr was claimed in Quarter 3 under a change in law. Under 'others' head in the filings. Hence, the fixed cost totalling to Rs. 287.13 Crore. Post verification, the Commission is inclined to allow the claim as filed.

For Sembcorp stations, APDISCOMs have stated that actual fixed cost has been computed in terms of Article 21 and Article 22 of PSA, respectively, for the Firm Capacity of 500 MW (350MW + 150 MW) and in terms of

Article 18.4 of PSA for the Open Capacity of 125 MW, wherein the variation of WPI index has been taken into consideration. After examination, the Commission is inclined to approve the claim as filed.

Regarding HNPCL, APDISCOMs have stated that as per the MYT order issued on 01.08.2022, an FC of Rs.704.16 Cr was admitted for 8 months. Based on the respective month's plant availability Factors, the actual FC was arrived at from 01.08.22 to 31.03.2023, resulting in a claimed FC of 613.84 Cr. Post verification of SLDC-certified availability, the Commission is inclined to consider the claim as filed.

(ii) Variable Costs for FY 2022-23

a. APGENCO Thermal Stations:

APDISCOMs submitted variable cost claims of Rs.7,587.72 Cr. for APGENCO thermal stations against Rs.7,220.33 Cr. approved variable cost. The actual per-unit variable cost is 16% more than the approved per-unit VC. APDISCOMs stated that the increase in variable cost was due to an increase in coal's fuel and freight cost (the landed price of coal).

S. No	Generating station/ Stage/Source	Variable Cost (Rs. Cr)		Variable Cost (Rs/kWh)		%Variation	VC (FCA)	Admissible VC (Rs. Cr)
		Approved	Actual Claim	Approved	Actual			
1	Dr.NTTPS-I	868.83	917.46	3.34	3.99	20%	3.93	903.28
2	Dr.NTTPS-II	868.83	917.46	3.34	3.99	20%	3.93	903.28
3	Dr.NTTPS-III	868.83	917.46	3.34	3.99	20%	3.93	903.28
4	Dr.NTTPS-IV	1020.96	1172.80	3.15	3.63	15%	3.60	1162.73
5	RTPP Stage-I	900.59	838.58	3.86	4.43	15%	4.30	813.54
6	RTPP Stage-II	890.57	1102.52	3.86	4.44	15%	4.30	1067.02
7	RTPP Stage-III	450.53	540.97	3.86	4.44	15%	4.30	523.41
8	RTPP Stage-IV	1351.19	1180.46	3.66	4.11	12%	4.15	1180.46
Total		7220.33	7587.72	3.51	4.08	16%		7456.99

The Commission has determined an admissible variable cost of Rs. 7,456.99 crore for APGENCO's thermal stations, based on the actual dispatch energy scrutinised as above, duly considering the per-unit variable cost for FY 2022-23 approved in the AP Genco Fuel Cost Adjustment (FCA) Order in OP No. 60 of 2023 dated 27.03.2024. Accordingly, an amount of Rs 130.73 Crs. is disallowed.

b. CGS Stations whose PPAs have the approval of the Commission:

APDISCOMs submitted variable cost claims of Rs.3811.83 Cr against an approved amount of Rs.2643.59 Cr of CGS-approved stations. The actual per-unit VC is 37% higher than the approved per-unit VC. APDISCOMs attributed the rise in per-unit variable cost to increased dispatch from Central Generating Stations (CGS) due to higher grid demand and shortfalls from approved sources, including SDSTPS-I, HNPCL, and deviation in expected generation vs. actual generation from RE sources, etc. The Commission's analysis of the claims is shown in the table below.

S. No	Generating station/ Stage/Source	Variable Cost (Rs. Cr)		Variable Cost (Rs./kWh)		% Variance	Admissible VC (Rs. Cr)
		Approved	Actual Claim	Approved	Actual		
1	NTPC (SR) Ramagundam I & II	490.98	830.53	2.62	4.14	58%	830.53
2	NTPC (SR) Simhadri Stage 1	952.75	1450.14	3.00	4.49	50%	1450.14
3	NTPC (SR) Simhadri Stage 2	422.91	593.31	3.01	4.36	45%	593.31
4	NTPC (SR) Talcher St. II	209.62	254.56	1.73	1.94	12%	254.56
5	NTPC (SR) Ramagundam Stage-III	123.25	174.41	2.58	3.84	49%	174.41
6	NLC Stage-I	46.30	60.56	2.62	2.73	4%	60.56
7	NLC Stage-II	85.58	122.06	2.64	2.74	4%	122.06
8	NPC (MAPS)	12.86	15.61	2.72	2.63	-3%	15.61
9	NPC (Kaiga Unit-I,II,III & IV)	299.34	310.64	3.67	3.54	-4%	310.64
Total		2643.59	3811.83	2.78	3.82	37%	3811.83

The Commission reviewed the monthly variable cost calculations submitted by DISCOMs and noticed significant variations in per-ton coal costs across different months. This disparity resulted in increased variable costs for certain months, as shown below.

CGS	Coal Cost (Rs./MT)		VC (Rs./kWh)	
	Min	Max	Min	Max
NTPC (SR) Ramagundam I & II	4461	7161	3.080	5.320
NTPC (SR) Simhadri Stage 1	3994	6915	3.730	5.280
NTPC (SR) Simhadri Stage 2	3991	6377	3.665	5.194
NTPC (SR) Talcher St. II	2002	3448	1.540	2.570
NTPC (SR) Ramagundam Stage-III	4466	7030	3.040	5.210
NTPC (SR) Ramagundam I & II	4461	7161	3.080	5.320

The variation in coal costs is attributed to blended coal, necessitated by the country's inadequate coal supply and soaring electricity demand. To address this, the Ministry of Power (MOP) issued directives on May 18, 2022, allowing generating stations to blend up to 30% of imported coal without consulting beneficiaries until March 31, 2023, to ensure resource adequacy and uninterrupted 24/7 supply. Before this, MOP had issued similar directions on December 7, 2021, instructing domestic coal-based power plants to import coal to meet their requirements by blending with imported coal, with state-owned generators (GENCOs) and independent power producers (IPPs) were allowed to import up to 4% of their coal requirements. Later, MOP revised this advisory on April 28, 2022, advising power plants to import coal for blending purposes to meet up to 10% of their total requirements by October 31, 2022. This move was aimed to maintain sufficient coal stocks during the monsoon season, as domestic coal supply struggled to keep pace with increasing demand.

In accordance with the MOP directions, the CGS plants blended the imported coal during FY 2022-23, which led to an additional increase in VC by Rs.1.5 to Rs.2.2 per unit. Other parameters, such as variations in SHR, Aux consumption, and secondary oil consumption, also led to a minor increase in VC.

Considering the above reasons, the Commission is inclined to accept the claims as filed in respect of CGS stations that have the Commission's approval.

c. JNNSM Phase-1 Thermal:

APDISCOMs claimed Rs. 97.64 crore as variable cost for the JNNSM Phase I bundled thermal station, exceeding the approved amount by 51%. Considering the justification of imported coal blending, similar to CGS thermal stations, the Commission is inclined to consider the claim as filed.

d. Non-Conventional Energy Sources:

APDISCOMs claimed Rs. 6642.47 Cr as variable cost for non-conventional energy sources against the approved amount of Rs. 7037.17 Cr. The Commission's analysis on the claims is shown in the table below.

S.No	Generating station/ Stage/Source	Variable Cost (Rs. Cr)		Variable Cost (Rs/kWh)		%Variance	Admissible VC (Rs. Cr)
		Approved	Actual Claim	Approved	Actual		
1	NCE-WIND TOTAL	3485.07	3247.26	4.70	4.71	0.3%	3247.26
2	NCE -OTHERS	280.21	195.90	5.65	5.30	-6%	195.90
3	NCE-SOLAR Total	1970.08	1948.34	4.50	4.21	-6%	1948.34
4	JNNSM PH-1 SOLAR	71.20	48.76	10.70	10.78	1%	48.76
5	JNNSM PH-2 SOLAR	1230.61	1202.21	4.50	4.37	-3%	1202.21
Total		7037.18	6642.47	4.66	4.52	-3%	6642.47

APDISCOMs stated that all NCE/RE projects are must-run Stations and hence, there is no backing down applicable, and whatever they generate is being consumed. Upon verifying the costs each PPA-wise, the claims were found to be correct. Hence, the Commission is inclined to approve the claims as filed.

e. Others - Government IPPs

APDISCOMs claimed Rs. 1880.18 Crore of variable costs for other government IPP stations. The Commission's analysis is shown in the table below.

S.No	Generating station/ Stage/Source	Variable Cost (Rs. Cr)		Variable Cost (Rs/kWh)		%Variance	Admissible VC (Rs. Cr)
		Approved	Actual Claim	Approved	Actual		
1	Godavari Gas	117.97	132.70	2.48	5.82	135%	132.70
2	SDSTPS (APPDCL)-STAGE 1	3497.71	1710.69	3.14	3.14	0%	1710.69
3	SDSTPS (APPDCL)-STAGE 2	0.00	36.79		3.14	-	36.79
Total		3615.68	1880.18	3.11	3.25	4%	1880.18

The Godavari Gas Station's actual per unit variable cost exceeded the approved per unit variable costs primarily due to the substantial increase in gas prices and the limited generation.

The actual per-unit variable cost for SDSTPS (APPDCL) Stage-I and II matches the approved cost. Since SDSTPS Stage-II was Commissioned in Q4 of FY 2022-23 and considering a similar approved variable cost to Stage-I, the Commission is inclined to approve the claims of both stations as filed.

f. Others - Private IPPs:

APDISCOMs claimed Rs. 1995.56 Crore of variable costs for other private IPP stations. The Commission's analysis is shown in the table below

S.No	Generating station/ Stage/Source	Variable Cost (Rs. Cr)		Variable Cost (Rs/kWh)		%Variation	Admissible VC (Rs. Cr)
		Approved	Actual Claim	Approved	Actual		
1	Thermal Powertech Corporation India	361.15	438.14	2.25	2.38	6%	438.14
2	HNPCL	1998.52	1368.56	2.76	3.02	9%	1368.56
3	Sembcorp Project-2 (350MW)	0.00	107.24	-	2.26	-	107.24
4	Sembcorp Project-2 (150MW)	0.00	56.31	-	7.11	-	31.44
5	Sembcorp Project-2 (125MW)	0.00	35.31	-	5.35	-	35.31
Total		2359.67	1995.56	-	2.87	-	1970.69

Thermal Powertech Corporation India and HNPCL station's actual per-unit variable costs are 6% and 9% higher than the approved per-unit values. Considering the variations in coal prices during the period under consideration, the Commission is inclined to approve the claimed variable cost for HNPCL and Thermal Powertech Corporation as filed.

The Commission has approved power procurement from 625 MW Sembcorp Project-2 (625 MW (500 MW firm capacity and 125 MW open capacity)). During the year, Sembcorp informed the DISCOMS that the availability of concessional coal is just sufficient to generate 350 MW and for the balance 150 MW they would utilise imported coal. However, the Commission did not approve DISCOMS's proposal to permit imported coal utilisation for the 150 MW firm capacity. Hence, for the 350MW firm capacity, the Commission is inclined to approve the claim at an actual VC of 2.26. For the 150 MW firm capacity, a single-part tariff is equivalent to the total per unit cost of the 350 MW firm capacity is allowed by the Commission. Accordingly, Rs. 24.87 Cr. is disallowed against Sembcorp Project-2 (150MW).

g. CGS Stations whose PPAs don't have the approval of the Commission:

APDISCOMs have submitted claims for the unapproved CGS stations for FY 2022-23. The details are provided below.

S.No.	Name of the Generator	Energy (MUs)	Fixed Cost (Rs. Cr.)	Variable Cost (Rs. Cr.)	Total Cost (Rs. Cr.)
1	NTPC Kudgi Stage 1	1,227	277.70	700.20	977.90
2	NTECL Valluru	554	115.00	192.70	307.80
3	NTPL (NLC Tamilnadu Power Ltd Stage-1)	703	130.30	292.30	422.60
4	NLC NNTPS	361	66.40	79.50	145.90
5	NLC TPS I EXP	10	1.00	2.50	3.50
6	NLC TPS II EXP	4	0.80	0.90	1.70
7	NPCIL (Kudamkulam)	6	-	2.80	2.80
	Total	2,866	591.12	1270.93	1862.04

In the retail supply tariff order for FY 2022-23, the Commission has not approved procurement from the first four CGS Stations in the table on the grounds of not having the required consent to PPAs and per unit cost of procurement from these projects being higher than Rs 5.0/Unit after factoring in the interstate transmission charges. It is noted that APDISCOMs & NTPC have approached the APTEL regarding the issue, and the cases are pending.

While so, the DISCOMs have continued energy procurement from these CGS stations to meet the base load requirement. The DISCOMs claimed the FC & VC of these unapproved stations in the FPPCA claims for FY 2022-23. In light of the foregoing, since the energy is absorbed to meet the load requirement, keeping open the Commission's option to initiate action on DISCOMs for non-compliance with the Commission's, direction it is inclined to consider the energy equivalent to the energy received from unapproved stations at the weighted average power purchase cost of the respective quarter, of both fixed and variable costs from all other sources including market purchases. Accordingly, the claims admitted against the filings are shown in the table.

.S.No.	Quarter	Fixed Cost (Rs. Cr.)		Variable Cost (Rs. Cr.)	
		Claim	Admitted	Claim	Admitted
1	Q1	139.54	75.28	368.65	389.25
2	Q2	158.59	65.76	404.82	307.16
3	Q3	164.36	57.66	233.32	211.03
4	Q4	128.63	65.51	264.14	271.76
	Total	591.12	264.21	1,270.93	1179.19

As seen from the above table, the Commission approves a fixed cost of Rs. 264.21 Cr. against the claim of 591.12 Cr. Similarly, the variable cost of Rs. 1179.19 Cr. against the claim of Rs. 1270.93 Cr. Rs.418.64 Cr has been disallowed on the total cost claimed.

(iii) Transmission Charges

The break up of Transmission charges as per the filings is shown in the table below.

S.No	Details	TO (Rs. Cr.)	Claims (Rs. Cr.)	Variation. Claim-TO
1	STU Charges	2894.08	2622.30	-271.78
2	SLDC Charges	69.82	69.55	-0.27
3	PGCIL Charges	811.50	1308.19	496.69
4	ULDC Cost	5.00	17.33	12.33
	Total	3,780.04	4,017.36	236.97

The quarter-wise break up of transmission charges as per the filings are shown in the table below.

Transmission Charges	Q1	Q2	Q3	Q4	Total
STU	-43.53	-69.53	-54.92	-103.79	-271.78
SLDC	2.80	2.79	-2.91	-2.96	-0.27
PGCIL	91.23	-68.71	262.09	212.09	496.69
ULDC	-0.46	-0.44	10.24	2.98	12.32
Total	50.04	-135.89	214.49	108.32	236.96

The Discussion on each item of the Transmission charges is detailed in the following paragraphs.

a) STU & SLDC Charges

APDISCOMs have submitted claims for State Transmission Utility (STU) charges and State Load Despatch Centre (SLDC) charges amounting to Rs. 2622.30 Cr. and Rs. 69.55 Cr. for FY 2022-23.

In FY 2022-23, APDISCOMs received power exchange credits against STU and SLDC charges. Given the above, this Commission approves STU charges of Rs. 2,622.98 Cr. and SLDC charges of Rs. 69.54 Cr as filed.

b) PGCIL Charges

APDISCOMs have submitted claims against PGCIL charges amounting to Rs. 1,308.19 Cr. against the approved amount of Rs. 811.50 Cr. The Commission has examined the ISTS charges notified by the Grid-India (POSOCO) website and the deviation charges notified by SRPC. These amounts are around Rs. 934.95 Cr. and Rs. 111.65 Cr. respectively. After a thorough examination of bills/invoices, it is observed that APDISCOMs have included an invoice of Rs. 177.21 Cr vide CTU Bill No. MI0636010282, dated 17th April 2023, as the second bill for the billing period October 22 to December 22 in the claim of Q4 in FY 2022-23. The invoice date, i.e. 17th April 2023, falls beyond the period of consideration, i.e. 1st April 2022 to 31st March 2023. Given this, the Commission excluded this amount from the admitted claim with a suggestion to the DISCOMs to claim the same in FY 2023-24 based on merits.

Further, the increase in PGCIL charges is due to various adjustments being levied by CTU, which encompasses multiple true-up adjustments, the issuance of tariff approvals granted by the CERC for specific assets of the Raigarh-Pugalur HVDC system. Additionally, the reimbursement of the RTDA amount in August and October resulted in the Q2 claims being lower than the approved charges. The transmission charges escalated in Q3 and Q4 due to allocations from Central Generating Stations (CGS), an increase in the AC-Usage component charge, and the CERC's approval for the Raigarh-Pugalur HVDC system.

After examining and accounting for the observations noted above, the Commission approves Rs. 1,130.98 Cr. (Rs 1308.19 Crs -**Rs 177.21 Crs**) for PGCIL charges.

c) ULDC charges

APDISCOMs have submitted claims against ULDC charges amounting to Rs. 17.32 Cr. against the approved amount of Rs. 5.00 Cr. The increase in ULDC charges is due to deferred tax liability and increased HR expenses as approved by the CERC. Further, it is observed that out of Rs. 17.32 Cr., there was an excess claim of Rs. 9.31 Cr., however, the same is deducted in the past claims. In view of the above, Commission is inclined to approve Rs. 17.32 Cr. towards ULDC charges.

(iv) UI Charges

Regarding the admissibility of the UI charges already discussed supra. The Commission examined the Quarter-wise UI energy drawl in FY 2021-22 as shown in the table below:

Quarter	Total Despatch (MU)	Energy purchased (MU)	Variable cost (Rs.Cr)	VC unit Rate (Rs./kWh)	% of UI in Total Despatch
Q1	18,219	56.80	138.26	24.34	0.31
Q2	17,845	20.51	49.52	24.15	0.11
Q3	15,877	29.36	12.98	4.42	0.18
Q4	18,845	-39.18	4.37	-1.12	-0.21
Total	70,787	67.49	205.13	30.39	0.10

These allowable charges are capped at the per-unit short-term market purchase rate for the respective quarter. Accordingly, the amount admitted into FPPCA claims by the Commission is as below.

Quarter	Energy purchased (MU)	UI Claimed (Rs.Cr)	VC unit Rate (Rs)	Short-term Market Purchases (Rs. /kWh)	Admissible UI (Rs. Cr.)
Q1	56.80	138.26	24.34	9.38	53.27
Q2	20.51	49.52	24.15	7.41	15.20
Q3	29.36	12.98	4.42	5.77	16.94
Q4	-39.18	4.37	-1.12	-	-
Total	67.49	205.13	30.39		85.42

As shown above, the Commission approves Rs. 85.42 Cr. against the claims of Rs. 205.13 Cr. by the DISCOMs. Accordingly, 119.75 crores is disallowed.

(v) Short-Term Market Transactions

APDISCOMs have claimed short-term market transactions for FY 2022-23 as shown below:

S. No.	Details	Energy (MUs)	Fixed Cost (Rs. Cr.)	Variable Cost (Rs. Cr.)	Total (Rs. Cr.)
1	Short-Term Market Purchases	8,617	9.62	6,616.43	6,626.05
2	Short-Term Market Sales	-1,777		-849.33	-849.33

The short-term purchases claimed by APDISCOMs are Rs. 6,626.05 Cr. for the purchase of 8,617 MUs and short-term sales claims amounting to Rs. 849.33 Cr. for the sale of 1,777 MUs.

a. Short-Term Power Purchases

Regarding APDISCOMs filings, the Commission has examined the purchases, approvals, and justification reports that were submitted to it from time to time.

The CERC initially capped the maximum ceiling rate for energy transactions on exchanges (including DAM, RTM, and TAM platforms) at Rs. 20/kWh. This rate was subsequently reduced to Rs. 12/kWh as per the CERC's letter dated April 29, 2022, and further capped at Rs. 10/kWh in March 2023. Due to the higher ceiling rate, the short-term purchase costs during April and May were higher than that in other months.

FY 2022-23	DAM		TAM		RTM		Total	
	Energy Procured in MU	Weighted average unit rate (Rs./kWh)	Energy Procured in MU	Weighted average unit rate (Rs./kWh)	Energy Procured in MU	Weighted average unit rate (Rs./kWh)	Energy Procured in MU	Weighted average unit rate (Rs./kWh)
Q1	1,189.23	8.30	901.97	11.21	419.26	8.49	2,510.47	9.38
Q2	625.80	7.58	232.34	7.13	221.53	7.21	1,079.67	7.41
Q3	1,446.71	5.91	586.08	5.44	177.38	5.75	2,210.18	5.77
Q4	946.76	8.42	847.20	7.46	256.52	7.62	2,050.48	7.92
Total	4,208.51	7.40	2,567.60	8.29	1,074.70	7.56	7,850.80	7.71

The peak and off-peak hourly price data is collated to analyse the market purchases further to meet the shortfall. The details of peak and off-peak hour transactions are shown below.

FY 2022-23	Morning Peak (6-10 Hrs)		Evening Peak (18-24 Hrs)		Morning off-peak (0-6 Hrs)		Evening off-peak (10-18 Hrs)	
	Energy Procured in MU	Weighted average unit rate (Rs./kWh)	Energy Procured in MU	Weighted average unit rate (Rs./kWh)	Energy Procured in MU	Weighted average unit rate (Rs./kWh)	Energy Procured in MU	Weighted average unit rate (Rs./kWh)
Q1	419.40	9.07	778.11	11.78	575.68	7.74	740.03	7.46
Q2	215.80	6.02	439.05	9.44	212.38	5.43	212.06	5.29
Q3	467.73	6.25	752.07	6.16	534.88	3.87	452.98	5.63
Q4	663.36	8.63	404.59	8.05	395.98	6.33	586.40	7.18
Total	1,766.29	7.79	2,373.82	8.93	1,718.92	5.92	1,991.47	6.73

The following are quarter-wise short-term purchases through exchanges on DAM, TAM & RTM platforms by APDISCOMs.

S. No.	Quarter	Energy (MUs)	Energy Charges (Rs. Cr.)	Weighted Avg. Rate (Rs./kWh)
1	Q1	2,510.47	2,354.51	9.38
2	Q2	1,079.67	799.89	7.41
3	Q3	2,210.18	1,276.31	5.77
4	Q4	2,050.48	1,624.09	7.92
	Total	7,850.80	6,054.80	7.71

Similarly, the quarter-wise details of the purchases made through the DEEP portal are as follows.

S. No.	Quarter	Energy (MUs)	Energy Charges (Rs. Cr.)	Weighted Avg. Rate (Rs. /kWh)
1	Q1	201.23	225.90	11.23
2	Q2	173.86	135.44	7.79
3	Q3	81.33	71.00	8.73
4	Q4	105.05	90.03	8.57
	Total	561.46	522.37	9.30

All the purchases in the DEEP e-bidding portal have the Commission's approval. The purchases in DAM are being intimated to the Commission every day. The DISCOMs have submitted monthly reports with justification for all short-term purchases. The Commission is conscious of the extreme weather conditions that prevailed during the FY 2022-23; consequently, the increase in power demand is evident by the R&C measures implemented during certain months. However, a difference of 205 MU and correspondingly Rs.48 crores in cost is found on verification of all transactions. The difference in quantum and cost is being adjusted in past claims of the fourth quarter by the DISCOMs. Hence, after careful examination of all facts relating to the short-term market purchases,

rejecting all objections in this regard, the Commission is inclined to approve the market purchases as filed.

(vi) Short-Term Power Sales

APDISCOMs have submitted revenue adjustment for short-term sales of Rs. 849.33 Cr. for the sale of 1,777 MU during FY 2022-23. The details of the claims are provided below.

S. No.	Quarter	Energy (MUs)	Energy Charges (Rs. Cr.)	Weighted Avg. Rate (Rs./kWh)
1	Q1	599.09	339.37	5.66
2	Q2	785.73	320.11	4.07
3	Q3	142.82	54.55	3.82
4	Q4	246.03	132.69	5.39
	Total	1,773.67	846.73	4.77

The surplus energy sold through energy exchanges in different segments is shown below.

S. No.	Details	Energy (MUs)	Energy Charges (Rs. Cr.)	Weighted Avg. Rate (Rs./kWh)
1	DAM	205.86	98.67	4.79
2	G-DAM	937.40	428.60	4.57
4	RTM	630.40	319.46	5.07
		1,773.67	846.73	4.77

As the revenue from the sale of surplus power is set off against the power purchase costs, the Commission is inclined to approve the revenue as filed.

(vii) Banking

APDISCOMs has claimed an amount of Rs. 13.41 Cr. for banked energy of 21.37 MUs. After examining the banking import claims and banked energy, the Commission is inclined to approve them.

(viii) Swapping

APDISCOMs have submitted claims for swapping amounting to Rs. 359.91 Cr. against the swapped energy of 662.81 MU for FY 2022-23.

APDISCOMs have submitted power banking offers received and apprised the Commission for further orders on entering into banking arrangements.

Upon approval, APDISCOMs entered a power swap arrangement with Kreate Energy India Private Limited (KEIPL) for the export of surplus power from July 2022 to September 2022, allowing for the import of power during the summer of 2022 (October 2022, February 2023 - April 2023).

Trader name	KEIPL (583/22)		APPCPL	KEIPL (584)	SAPL	APPCPL	NVVNL	Total
May-22	-	-	-	-	-	-	-	-
Jul-22	-26.71	-37.69	0.00	-	-	-	-	-64.40
Aug-22	-36.66	-54.07	-0.99	-	-	-	-	-91.72
Sep-22	-23.45	-17.56	-1.01	-	-	-	-	-42.01
Oct-22	9.30	11.86	2.14	-	-	-	-	23.29
Nov-22	-	-	-	-	-	-	-	0.00
Dec-22	-	-	-	-	-	-	-	0.00
Jan-23	-	-	-	-	178.56	20.40	-	198.96
Feb-23	7.82	-	-	-	208.32	67.20	-	283.34
Mar-23	4.19	-	-	-	-3.58	-	179.90	180.51

The Commission has examined the power banking arrangement between APDISCOMs and KEIPL from July 2022 to March 2023. APDISCOMs issued two Letters of Intent (LoIs) numbered 583/22 and 584/22, dated June 17, 2022, following the approval of the APERC on June 8, 2022. KEIPL accepted the conditions stipulated in the LoIs and undertook to return the banked power to APDISCOMs on a Round-The-Clock (RTC) basis during October 2022, February 2023, March 2023, and April 2023.

Despite the agreed terms, KEIPL defaulted in returning the banked power, resulting in a shortfall of 178.42 MU. APDISCOMs issued monthly notices to KEIPL from February 2023 to April 2023, requesting the booking of Short-Term Open Access (STOA) applications to return the banked power. KEIPL's failure to comply with these requests has led to a compensation liability as per their undertaking. KEIPL subsequently requested to reschedule the return period to November 2023 and January 2024 to March 2024, offering a 3% premium on the returning energy. However, KEIPL also failed to honour this undertaking, attempting to return power during non-compliant hours.

In response, APDISCOMs have filed a petition with the Hon'ble CERC to revoke KEIPL's trading licence, which is scheduled for listing in November 2024 under petition number 261/MP/2024.

After verifying the swapping arrangements information shared by APDISCOMs, it is observed that the net energy is 487.97 MUs. The balance of energy that has to be returned by KEIPL is pending, and the issue is currently with CERC. The Commission considers the claim of 662 MUs by APDISCOMs, including the balance energy availed from the other sources to meet the energy to be received from KEIPL. The Commission has considered the approved NCE unit rate for FY 2022-23 for the swapping energy, and accordingly, its cost of Rs 330.10 Cr is approved as against Rs.359.91 Crores.

(ix) Scrutiny of Quarter-wise arrears for FY 2022-23:

APDISCOMs, in their filings, have submitted arrears claims for the Q2, Q3 & Q4 quarters of FY 2022-23. These submissions encompass the claims from the previous year that need to be examined. Specifically, the filings include a settlement of Rs. 611.88 crore towards APPDCL, covering disputes from FY 2018-19 and FY 2019-20, and a fixed cost of Rs. 1234.68 crore for HNPCL. Other significant claims include Rs. 380.61 crore for various entities, such as Rs. 52.18 crore for SDSTPS Stage-II, Rs. 107.56 crore for SECI, and Rs. 29.44 crore for Solar Energy Corporation of India Limited.

Details of Q2 arrears for FY 2022-23

S.No.	Generating Station/ Source	Energy (MUs)	Fixed Cost (Rs. Cr.)	Variable Cost (Rs. Cr.)	Total Cost (Rs. Cr.)
1	NTPC Dadri & Moudha	0	-4.06	0.00	-4.06
2	JNNSM PH-II Thermal	0	3.80	2.31	6.11
	Total	0	-0.26	2.31	2.05

Details of Q3 arrears for FY 2022-23

S.No.	Generating Station/ Source	Energy (MUs)	Fixed Cost (Rs. Cr.)	Variable Cost (Rs. Cr.)	Total Cost (Rs. Cr.)
1.	NIC Wage revision-1	-	2.05	-	2.05
2.	NIC Wage revision-2	-	3.69	-	3.69
3.	NTPC (SR) Simhadri Stage 1	-	51.77	-	51.77
4.	NTPC (SR) Simhadri Stage 2	-	22.79	-	22.79
5.	NTPC Talcher St-II	-	6.03	-	6.03
6.	NTPC DADRI & MOUDHA	-	1.09	-	1.09
7.	Lanco	-	-	1.13	1.13
8.	APPDCL	-	611.89	-	611.89

S.No.	Generating Station/ Source	Energy (MUs)	Fixed Cost (Rs. Cr.)	Variable Cost (Rs. Cr.)	Total Cost (Rs. Cr.)
9.	Vaayu Phase - I	-	-	0.33	0.33
10.	Vaayu Phase -II	-	-	0.22	0.22
11.	Vaayu Phase -III	-	-	0.21	0.21
12.	Vaayu Phase -IV	-	-	0.61	0.61
13.	Vaayu Phase -V	-	-	0.29	0.29
14.	Vaayu Phase -VI	-	-	0.49	0.49
15.	Vaayu Phase -VII	-	-	0.39	0.39
16.	KANDALERU	-	-	1.72	1.72
17.	MYTRAH VAYU (TUNGABHADRA) PVT. LTD 100.6MW	-	-	-1.28	-1.28
	Total	-	699.30	4.11	703.42

Details of Q4 arrears for FY 2022-23

S.No.	Generating Station/ Source	Energy (MUs)	Fixed Cost (Rs. Cr.)	Variable Cost (Rs. Cr.)	Total Cost (Rs. Cr.)
1.	JNNSM PH-II THERMAL	-	-0.29	-0.01	-0.30
2.	APPDCL Stage-II Unit III Infirm Power	333.89	0.00	120.35	120.35
3.	Change in Law (TPCIL) 20-21	-	-	13.71	13.71
4.	NIC Wage Revision-1	-	13.02	-	13.02
5.	NIC Wage Revision-2	-	25.20	-	25.20
6.	NTPL Surcharge 21-22	-	14.59	-	14.59
7.	NTPC Mouda	-	1.02	-	1.02
8.	NTPC (SR) Simhadri Stage 1 (2019-20)	-	65.55	-	65.55
9.	Balaji Energy Pvt ltd	-	-	5.53	5.53
10.	TSPGCC	28.53	-	21.60	21.60
11.	Sri Venkata Sreedevi (Bollineni Castings)	-	-	1.23	1.23
12.	Jocil Ltd 6MW	-	-	0.34	0.34
13.	Balaji Agro Oils Limited	-	-	0.73	0.73
14.	NALCO, Gandikota	-	-	17.35	17.35
15.	CHAITNAYA PROJECT	-	-	1.28	1.28
16.	Nandi Rollers Flour Mills (P) Ltd.,	-	-	0.08	0.08
17.	Orange Sorting Machines (India) Pvt. Ltd	-	-	0.09	0.09
18.	Prakash Beedies Pvt. Ltd.	-	-	0.09	0.09
19.	Vikram Traders	-	-	0.06	0.06
20.	Compucom Software Ltd	-	-	0.08	0.08
21.	Chandulal Surajlal	-	-	0.06	0.06
22.	G.Shoe Export	-	-	0.05	0.05
23.	Arts & Crafts Exports	-	-	0.06	0.06

S.No.	Generating Station/ Source	Energy (MUs)	Fixed Cost (Rs. Cr.)	Variable Cost (Rs. Cr.)	Total Cost (Rs. Cr.)
24.	International Conveyors Ltd., Phase I	-	-	0.03	0.03
25.	International Conveyors Ltd., Phase II	-	-	0.03	0.03
26.	Triveni Enterprises	-	-	0.03	0.03
27.	Indian Oil Corporation Ltd (16.8 MW)	-	-	0.52	0.52
28.	Indian Oil Corporation Ltd (10.5 MW)	-	-	0.23	0.23
29.	Mayura Steels Pvt. Ltd.	-	-	0.08	0.08
30.	Shilpa Medicare Ltd	-	-	0.13	0.13
31.	S. Kumar	-	-	0.08	0.08
32.	Siddaganga Oil Extractions Pvt Ltd	-	-	0.15	0.15
33.	Protectron Elecromech Pvt. Ltd Ankireddipally	-	-	0.07	0.07
34.	Canara Cement Pipes	-	-	0.06	0.06
35.	Texmo Precision Castings	-	-	0.13	0.13
36.	Texmo Industries	-	-	0.23	0.23
37.	M/s. SECI-Karnal, Hissar, Biwadi 150MW	-	-	24.94	24.94
38.	M/s. SECI-Azure) 50MW	-	-	4.54	4.54
39.	Happy Valley Developers	-	-	0.05	0.05
40.	Shreem Electric Ltd.,	-	-	0.09	0.09
41.	Texonic Instruments	-	-	0.05	0.05
42.	Meghna Associates	-	-	0.06	0.06
43.	R3K Power	-	-	0.63	0.63
44.	Protectron Electromech Pvt. Ltd.,	-	-	0.27	0.27
45.	Vish Wind Infrastructire - I	-	-	4.98	4.98
46.	Vish Wind Infrastructire - 2	-	-	2.49	2.49
47.	Vish Wind Infrastructire - 3	-	-	0.65	0.65
48.	ZR Renewable Energy Pvt. Ltd.,	-	-	2.04	2.04
49.	NTPC NVVNL Bundled Power (Only COAL)	-	0.33	-	0.33
50.	JSW POWER TRADING CO (DPS)	-	-	-9.21	-9.21
51.	M/s SECI (ACME/ ATHENA&AZURE& FRV-I&II&TATA POWER) LPS 7/18 to 9/21	-	-	107.36	107.36
52.	Vetamamidi MHPP Project	-	0.24	-	0.24

S.No.	Generating Station/ Source	Energy (MUs)	Fixed Cost (Rs. Cr.)	Variable Cost (Rs. Cr.)	Total Cost (Rs. Cr.)
53.	Hinduja National Power Corp Ltd (HNPCL) FC Arrear	-	1234.68	-	1234.68
54.	NTPC Aravalli	-	5.13	-	5.13
55.	NLC Deferred Tax Liability	-	0.12	-	0.12
56.	NTECL 19-20	-	2.68	-	2.68
57.	NTPC (SR) Talcher St. II (2019-20)	-	13.38	-	13.38
58.	RTPP Stage-IV (Differential Cost)	-	-383.85	249.52	-134.33
	Total	362.43	991.81	572.89	1564.70

Commission Analysis and Decision on Arrears

Based on APDISCOM submissions on arrears for FY 2022-23, the major heads have been dealt with separately to ensure a detailed and focused examination of each claim. Common heads and recurring claims in all these quarters have been clubbed together for the analysis.

a. Hinduja National Power Corporation Limited (HNPCL)

The merits of the claim and its admissibility have already been discussed supra, and accordingly, the claims are proposed to be approved after verification. The claims have been verified based on the availabilities furnished by APSLDC. Hence, the claim as filed is admitted for computation of FPPCA.

b. APPDCL claims

The merits of the claim and its admissibility have already been discussed supra, and accordingly, the claims are proposed to be examined. Both parties agreed to settle the dispute. Accordingly, APDISCOMS paid Rs. 202.61 Cr. to APPDCL against the original claim of Rs. 456.48 Cr. regarding flexi-coal. This settlement was documented in a joint memo filed in O.P.No.43 of 2020. Regarding the second issue, the Commission has examined the claims of APDISCOMS for a differential amount of Rs. 409.27 Cr. as per the orders in R.P No.4 of 2022 in O.P No. 52 of 2019 regarding the target availability. The details are shown below.

Financial Year	Target availability (%)	Revised FC considered target avail as 80% and as per APPCC minutes dated. 05.09.22.	FC already admitted considering 85% Target avail & Cum. avail as per OP 52/2019	Provision made for Differential Fixed Cost	Total Fixed Cost including Provision	Difference payable (Rs. Cr)
1	2	3	4	5	6=4+5	7=3-10
FY 2015-16	80	357.70	246.85	89.81	336.66	21.04
FY 2015-16	80	194.65	183.20	0.00	183.20	11.45
FY 2016-17	80	1,430.73	1,346.57	0.00	1,346.57	84.16
FY 2017-18	80	1,006.22	947.02	0.00	947.02	59.20
FY 2018-19	80	1,081.79	1,018.15	0.00	1,018.15	63.63
FY 2019-20	80	1,026.03	678.12	287.56	965.68	60.35
FY 2020-21	80	1,402.83	1,320.31	0.00	1,320.31	82.52
FY 2021-22	80/85	888.60	861.68	0.00	861.68	26.92
Total		7,388.54	6,601.9	377.37	6,979.27	409.27

On examining the above computations it is found that, the differential amount is based on the provisional fixed costs approved in the RST Orders for the respective years. The computations were found to be correct. Therefore, the Commission is inclined to approve the arrears regarding APPDCL as claimed.

c. CGS Stations

The wage revision for NLC pertaining to the financial years 2014-2019 has been sanctioned as per CERC Order 202-MP-2019, dated 25 November 2022. Additionally, ash transportation charges for the fiscal year 2019-2020, claimed in the October 2022 bill, have been approved under CERC order 205/MP/2021, dated 28 October 2022=. Furthermore, the third instalment of wage revision for Simhadri II has been approved in CERC order 293/GT/2020.

In the matter of NLC wage revision for Stages I & II, the Rs 9.09 claim is shown in Q3 & Q4 filings and corrected by the Commission. It is also observed that LPS claims amounting to Rs. 14.59 Cr. for NTPL for the fiscal year 2021-22, pertaining to an unapproved Central Generating Station (CGS), which is also disallowed. Consequently, the Commission is inclined to approve a total of Rs. 204.97 Cr. against the claimed amount of

Rs. 228.36 Cr. concerning arrears for CGS stations. Accordingly, Rs. 23.39 Cr. is disallowed.

d. Arrears of SECI

APDISCOMs have submitted claims amounting to Rs. 136.83 Cr. under Late Payment Surcharge (LPS) and Change in Law. This includes Rs. 107.35 Cr. for LPS and Rs. 29.47 Cr. for Change in Law claims by SECI for solar plants of Azure, Indigrid, Athena, and Tata Power at NP Kunta Solar Park, Kurnool. Upon thorough examination, it is observed that Change in Law claims amounting to only Rs. 23.86 Cr. As LPS is not permissible for FPPCA computations, as discussed supra, the Commission is inclined to approve Rs.23.86 crores against the claim of Rs.136.83 crores. Accordingly, Rs. 112.97 Cr. is disallowed.

e. Arrears of IPPs (LANCO & TPCIL)

APDISCOMs have submitted claims for arrears for the two IPPs. Rs. 1.13 Cr. was claimed for LANCO because of the enhanced tariff rate due to increased gas prices, as per the APERC order dated 17th August 2022. Additionally, Rs. 13.71 Cr. was claimed for TPCIL because of a Change in Law, as approved by the CERC vide order 217/MP/2016 dated 21.08.2020. Specifically, for LANCO, the Rs. 1.13 Cr claim included an interest component due to a delay in repayment of Rs. 0.098 Cr. The Commission is not inclined to LPS, resulting in an approved amount of Rs. 1.03 Cr. For TPCIL, the Change in Law claims amounting to Rs. 13.71 Cr. The Commission is inclined to approve the same as per the CERC order 217/MP/2016 dated 21.08.2020.

f. APPDCL Infirm Power

In response to the submissions made by APDISCOMs, the Commission has examined the bills of APPDCL from November 2021 to March amounting to Rs. 236.19 Cr (past claims and arrears head). These bills pertain to the supply of 574.27 MUs of infirm power during the said period. As this claim relates to infirm power, the Commission is inclined to approve the same as filed.

g. RTTP Stage IV – Differential Cost

APDISCOMs have submitted that adjustments were made for the approved fixed and admissible variable costs from FY 2017-18 to FY 2021-22 against the admitted amounts. Upon verification, it is observed that this adjustment pertains to the amounts admitted for fixed cost of (Rs. -383.85 Cr.) and variable costs (Rs. 249.52 Cr.) against the approved fixed and variable costs. Given the above, the differential pass-on of Rs. **-134.33 Cr.** is allowed.

h. NCEs – Revised Tariff from 11th Year

APDISCOMs have submitted differential claims amounting to **Rs. 5.06 Cr.** due to the revision of variable costs for the 11th year tariff, as determined by APERC vide order dated 06.02.2023. Additionally, a differential fixed cost of **Rs. 0.24 Cr.** for Vetamamidi MHPP was approved by APERC vide order dated 23.08.2014. Upon verification, it is observed that the differential claims of APDISCOMs against the fixed cost for Vetamamidi MHPP and the variable cost revision align with APERC orders. Consequently, the claims amounting to **Rs. 5.30 Cr.** are approved.

i. Other claims

APDISCOMs have claimed Rs. 50.40 Cr. due to adjustments made due to differential pooled cost, differential variable cost, and TSPCC/TSNPDCCL claims. The differential pooled costs from FY 2018-19 to FY 2021-22 amounting to Rs. 28.15 Cr. were claimed based on APERC orders dated 29.04.2022. Differential variable cost claims of Rs. 2.30 Cr. were claimed for FY 2017-18 to FY 2019-20 based on the APERC order dated 15.12.2022. Other claims include bills raised by TSPCC/TSNPDCCL (Rs. 28.53 Cr. bills raised for seven mandals) and other claims (Balaji: Rs. 5.53 Cr., Chaitanya Project: Rs. 1.28 Cr., JSW: Rs. 9.21 Cr., ZR Energy: Rs. 2.04 Cr.) as approved by APERC through its orders. Upon verification, all are found to be correct. In view of the above, the differential claim of Rs. 50.40 Cr. is allowed.

Based on the above discussion, the quarter wise admitted amounts are as shown below:

Admitted Q2 arrears for FY 2022-23

S.No.	Generating Station/ Source	Claimed Cost (Rs. Cr.)	Admitted Cost (Rs. Cr.)
1	NTPC Dadri & Moudha	-0.41	-0.41
2	JNNSM PH-II Thermal	0.61	0.61
	Total	0.21	0.21

Admitted Q3 arrears for FY 2022-23

S. No.	Details	Claims (Rs. Cr.)			Approved (Rs. Cr.)		
		Fixed Cost	Variable Cost	Total Cost	Fixed Cost	Variable Cost	Total Cost
1	APPDCL Fixed Cost	611.89	-	611.89	611.89	-	611.89
2	CGS	87.42	-	87.42	81.68	-	81.68
3	Mytrah Vayu (100 MW)/Credit	-	-1.28	-1.28	-	-1.28	-1.28
4	IPP (LANCO)	-	1.13	1.13	-	1.03	1.03
5	NCEs	-	2.54	2.54	-	2.54	2.54
6	Others (Diff. Pooled Cost)	-	1.72	1.72	-	1.72	1.72
	Grand Total	699.30	4.11	703.42	693.57	4.01	697.58

Admitted of Q4 arrears for FY 2022-23

S. No.	Details	Energy (MUs)	Fixed Cost (Rs. Cr.)	Variable Cost (Rs. Cr.)	Total (Rs. Cr.)
1	HNPCL	-	1,234.68	-	1234.68
2	APPDCL Infirm Power	333.89	-	120.35	120.35
3	CGS	-	122.23	-	122.23
4	IPP (Change in Law)	-	13.71	-	13.71
5	SECI (LPS & Change in Law)	-	22.86	-	22.86
6	NCEs	-	0.24	2.52	2.76

S. No.	Details	Energy (MUs)	Fixed Cost (Rs. Cr.)	Variable Cost (Rs. Cr.)	Total (Rs. Cr.)
7	RTTP Differential Cost (Reimbursement)	-	-383.85	249.52	-134.33
8	Others (Diff. Pooled Cost & VC, TSPCC Bills)	28.53	-	49.96	49.96
	Grand Total	362.42	1,009.9	422.35	1,432.22

In addition to the aforementioned arrear claims, APDISCOMs have submitted FPPCA FY 2020-21 adjustments. As these transactions are inter discom in nature, these are not included in the arrear claims. The details are provided below:

(x) Past Claims:

The quarter-wise past claims of three DISCOMS together are shown in the table below.

S. No.	Details	Energy (MUs)	Fixed Cost (Rs. Cr.)	Variable Cost (Rs. Cr.)	Total (Rs. Cr.)
1	Q2	-59.72	3.35	-235.49	-232.14
2	Q3	-410.92	9.45	-54.86	-45.41
3	Q4	-41.27	-262.66	103.74	-158.92
	Total	-511.90	-249.86	-186.06	-436.47

Upon verification of the above with reference to all other items of claims in each quarter and the DISCOMS, the past claims which are net negative are admitted as filed.

(xi) Inter DISCOMS Transactions

The Commission is inclined to approve inter DISCOMS energy transactions as filed. However, regarding the sale of power from one DISCOM to the Other DISCOM, the weighted average power purchase price of the contributing DISCOM is considered for computing the PP cost.

The details are shown below.

Quarter	Particulars	Despatch (MU)			VC (Rs.Cr)			PP Cost DISCOM - DISCOM (Rs/Unit)
		Approved	Actual	Variance	Approved	Actual	Variance	
Q1	Sale to EPDCL	1,775	2,074	-299	781	1,074	-293	5.18
	Sale to CPDCL	1,004	1,013	-9	442	525	-83	5.18
	Total sale by SPDCL	2,779	3,087	-308	1,223	1,599	-376	5.18
	EPDCL	1,775	2,074	-299	781	1,074	-293	5.18
	CPDCL	1,004	1,013	-9	442	525	-83	5.18
	Total purchases	2,779	3,087	-308	1,223	1,599	-376	5.18
Q2	sale to EPDCL	1,422	2,246	-824	626	1,033	-407	4.60
	Sale to CPDCL	808	820	-12	356	377	-22	4.60
	Total sale by SPDCL	2,230	3,066	-836	981	1,410	-429	4.60
	EPDCL	1,422	2,246	-824	626	1,033	-407	4.60
	CPDCL	808	820	-12	356	377	-22	4.60
	Total purchases	2,230	3,066	-836	981	1,410	-429	4.60
Q3	sale to EPDCL	648	495	153	285	236	49	4.77
	Sale to CPDCL	417	0	417	184	0	184	
	Total sale by SPDCL	1,065	495	570	468	236	233	4.77
	EPDCL	648	495	153	285	236	49	4.77
	CPDCL	417	0	417	184	0	184	
	Total purchases	1,065	495	570	468	236	233	4.77
Q4	sale to EPDCL	1,067	0	1,067	470	0	470	
	Sale to CPDCL	626	0	626	275	0	275	
	Total sale by SPDCL	1,693	0	1,693	745	0	745	
	EPDCL	1,067	0	1,067	470	0	470	
	CPDCL	626	0	626	275	0	275	
	Total purchases	1,693	0	1,693	745	0	745	
FY 2022-23	sale to EPDCL	4,268	4,814	-546	1,878	2,343	-465	4.87

Quarter	Particulars	Despatch (MU)			VC (Rs.Cr)			PP Cost DISCOM - DISCOM (Rs/Unit)
		Approved	Actual	Variance	Approved	Actual	Variance	
	Sale to CPDCL	2,502	1,833	669	1,101	902	199	4.92
	Total sale by SPDCL	6,771	6,648	123	2,979	3,245	-266	4.88
	EPDCL	4,268	4,814	-546	1,878	2,343	-465	4.87
	CPDCL	2,502	1,833	669	1,101	902	199	4.92
	Total purchases	6,771	6,648	123	2,979	3,245	-266	4.88

The summary of the disallowances discussed above is shown below.

S.No.	Disallowances	Amount (Rs. Cr.)	Remarks
1	APGENCO (Thermal)	130.73	Disallowed Amount in Thermal Variable Costs
2	CGS Approved	0.94	LPS claimed in FC is disallowed
3	CGS Unapproved	418.64	Weighted Average Admitted Cost of Rs. 5.04/kWh is considered for the Energy (MUs) from un approved Stations
4	CGS Arrears	23.39	LPS against NTPL, NLC Wage Revision I & II in Q3 (No proof) and duplication of Bills of NLC in Q4 claims
5	SEIL 150MW	24.87	Unit Rate of SEIL 350MW is considered for the unapproved 150 MW portion
6	APPDCL Stage-1	0.56	Differential Amount on account of FC computation
7	UI Charges	119.75	Unit Rate of Short-Term Market purchases for each quarter is considered for computation of UI
8	Swapping	29.83	NCE's Unit Rate admitted for swapping Energy
9	SECI LPS (Arrears)	112.97	LPS Claims of SECI
10	Lanco IPP (Arrears)	0.10	Interest paid amount due to delay
11	PGCIL	177.21	Bill for FY 2023-24 is excluded for

S.No.	Disallowances	Amount (Rs. Cr.)	Remarks
	(Transmission Charges)		FY 2022-23
12	Total Disallowance	1038.06	
13	Total Claim	7110.83	
14	Net Admissible Amount	6072.77	

10. **Based** on the above discussions the actual PP cost approved by the Commission Vs RSTO Order for FY 2022-23 for each quarter and for the total year is shown in the tables below.

Quarter -1

S. No.	Generating station/ Stage/Source	DESPATCH(MU)			FC(Rs.Million)			VC(Rs.Million)			TC(Rs.Million)		
		RSTO Approved	ACTUAL	Variation	RSTO Approved	ACTUAL	Variation	RSTO Approved	ACTUAL	Variation	RSTO Approved	ACTUAL	Variation
1	APGENCO Thermal	5310	5112	-198	6141	6141	0	18659	20476	1817	24801	26617	1817
2	GENCO-HYDEL	402	371	-32	1408	1408	0	0	0	0	1408	1408	0
3	Inter-state hydel(AP SHARE)	95	72	-24	162	162	0	0	0	0	162	162	0
4	APGENCO-TOTAL	5808	5555	-253	7711	7711	0	18659	20476	1817	26371	28188	1817
5	CGS Approved	2191	2600	410	2150	2901	751	6040	8902	2862	8190	11803	3613
6	CGS Unapproved		856	856		753	753		3893	3893		4645	4645
7	JNNSM PH-1 THERMAL	80	64	-15	128	67	-62	229	251	22	357	318	-40
8	Total NCE	4474	4202	-272	0	7	7	20872	18990	-1882	20872	18997	-1875
9	Godavari Gas	135	128	-8	63	47	-16	336	710	375	398	757	359
10	SDSTPS-STAGE 1	3029	1233	-1796	4453	2190	-2263	9510	3872	-5638	13963	6062	-7901
11	Thermal Powertech Corporation India	420	409	-11	676	657	-18	944	919	-25	1620	1576	-43
12	HNPCL	1910	1006	-904	1919	1067	-852	5272	2778	-2494	7191	3845	-3346
13	Total Others	5493	2776	-2718	7110	3962	-3149	16061	8279	-7782	23171	12240	-10931
14	Total Dispatch	18045	16052	-1993	17100	15400	-1699	61862	60791	-1071	78961	76191	-2770
15	UI CHARGES	0	57	57	0	533	533	0	0	0	0	533	533
16	Short Term Purchases	205	2712	2506	0	0	0	883	25730	24847	883	25730	24847
17	Short Term sales	0	601	601	0	0	0	0	3408	3408	0	3408	3408
18	Net Dispatch	18250	18219	-31	17100	15933	-1167	62745	83113	20368	79844	99046	19201
19	TRANSMISSION COST	0	0	0	7235	6800	-435	0	0	0	7235	6800	-435
20	SLDC COST	0	0	0	175	203	28	0	0	0	175	203	28
21	PGCIL	0	0	0	2029	2941	912	0	0	0	2029	2941	912
22	ULDC COST	0	0	0	13	43	31	0	0	0	13	43	31
23	TOTAL TRANSMISSION & ULDC CHARGES	0	0	0	9451	9987	536	0	0	0	9451	9987	536
24	Total	18250	18219	-31	26551	25920	-631	62745	83113	20368	89295	109033	19737
25	Past claims/refunds	0	0	0	0	0	0	0	0	0	0	0	0
26	Arrear			0		21	21		38	38	0	59	59
27	TOTAL POWER PURCHASE	18250	18219	-31	26551	25941	-610	62745	83151	20406	89295	109092	19796

Quarter -2

S. No.	Generating station/ Stage/Source	DESPATCH(MU)			FC(Rs.Million)			VC(Rs.Million)			TC(Rs.Million)		
		RSTO Appro ved	ACTU AL	Variat ion	RSTO Appro ved	ACTU AL	Variat ion	RSTO Appro ved	ACTU AL	Variat ion	RSTO Appro ved	ACTU AL	Variat ion
1	APGENCO Thermal	4411	3911	-500	6141	5047	-1094	15342	15735	393	21483	20782	-701
2	GENCO-HYDEL	966	1506	540	1408	1408	0	0	0	0	1408	1408	0
3	Inter-state hydel(AP SHARE)	147	132	-15	162	162	0	0	0	0	162	162	0
4	APGENCO-TOTAL	5524	5549	25	7711	6617	-1094	15342	15735	393	23053	22352	-701
5	CGS Approved	2390	2580	190	2150	2152	2	6711	10900	4189	8861	13052	4191
6	CGS Unapproved		802	802		658	658		3072	3072	0	3729	3729
7	JNNSM PH-1 THERMAL	80	46	-34	128	82	-46	229	262	33	357	344	-13
8	Total NCE	4614	4910	296	0	11	11	21538	22616	1078	21538	22627	1089
9	Godavari Gas	70	97	27	63	104	42	173	558	385	235	662	427
10	SDSTPS (APPDCL)-STAGE 1	3062	1608	-1454	4453	2190	-2263	9614	5049	-4566	14067	7239	-6828
11	Thermal Powertech Corporation India	420	449	30	676	705	29	944	1019	75	1620	1724	104
12	HNPCL	1722	1170	-552	1919	1608	-310	4753	3265	-1487	6672	4874	-1798
13	Total Others	5273	3324	-1949	7110	4608	-2502	15484	9891	-5593	22594	14499	-8095
14	Total Dispatch	17880	17211	-669	17100	14127	-2973	59304	62476	3172	76404	76603	199
15	UI CHARGES	0	21	21	0	152	152	0	0	0	0	152	152
16	Short Term Purchases	0	1458	1458	0	66	66	0	9419	9419	0	9485	9485
17	Short Term Sales	0	785	785	0	0	0	0	3199	3199	0	3199	3199
18	Net Dispatch	17880	17905	25	17100	14345	-2755	59304	68695	9391	76404	83041	6637
19	TRANSMISSION COST	0	0	0	7235	6540	-695	0	0	0	7235	6540	-695
20	SLDC COST	0	0	0	175	202	28	0	0	0	175	202	28
21	PGCIL	0	0	0	2029	1342	-687	0	0	0	2029	1342	-687
22	ULDC COST	0	0	0	13	43	31	0	0	0	13	43	31
23	TOTAL TRANSMISSION & ULDC CHARGES	0	0	0	9451	8127	-1324	0	0	0	9451	8127	-1324
24	Total Purchase	17880	17905	25	26551	22472	-4078	59304	68695	9391	85855	91168	5313
25	Past claims/refunds	0	-60	-60	0	33	33	0	-2355	-2355	0	-2321	-2321
26	Arrears	0	0	0	0	6	6	0	2	2	0	8	8
27	TOTAL POWER PURCHASE	17880	17845	-35	26551	22512	-4039	59304	66343	7039	85855	88855	3000

Quarter -3

S.No.	Generating station/ Stage/Source	DESPATCH(MU)			FC(Rs.Million)			VC(Rs.Million)			TC(Rs.Million)		
		RSTO Approved	ACTUAL	Variation	RSTO Approved	ACTUAL	Variation	RSTO Approved	ACTUAL	Variation	RSTO Approved	ACTUAL	Variation
1	APGENCO Thermal	5113	4241	-872	6141	6141	0	18046	17013	-1033	24187	23155	-1033
2	GENCO-HYDEL	753	1270	517	1408	1408	0	0	0	0	1408	1408	0
3	Inter-state hydel(AP SHARE)	127	119	-8	162	162	0	0	0	0	162	162	0
4	APGENCO-TOTAL	5993	5630	-364	7711	7711	0	18046	17013	-1033	25758	24725	-1033
5	CGS Approved	2449	2449	0	2150	3885	1735	6805	9008	2203	8955	12893	3939
6	CGS Unapproved		560	560		577	577		2110	2110		2687	2687
7	JNNM PH-1 THERMAL	80	47	-33	128	107	-21	229	196	-33	357	303	-54
8	Total NCE	2850	2498	-352	0	17	17	13294	11071	-2222	13294	11088	-2205
9	Godavari Gas	137	5	-132	63	71	8	340	59	-281	402	130	-272
10	SDSTPS-STAGE 1	2208	1240	-968	4453	2190	-2263	6932	3894	-3038	11385	6084	-5301
11	Thermal Powertech Corporation India	347	465	118	676	823	148	780	1083	303	1456	1906	451
12	HNPC	1960	1154	-806	1919	1677	-242	5410	3664	-1745	7328	5342	-1987
13	Total Others	4651	2864	-1787	7110	4762	-2348	13461	8700	-4761	20571	13462	-7109
14	Total Dispatch	16023	14048	-1976	17100	17058	-41	51835	48100	-3735	68935	65158	-3776
15	UI CHARGES	0	29	29	0	169	169	0	0	0	0	169	169
16	Short Term Purchases	1561	2292	731	0	7	7	6711	13711	7000	6711	13718	7007
17	Short Term Sales	0	145	145	0	0	0	0	559	559	0	559	559
18	Banking(Import)	0	21	21	0	0	0	0	134	134	0	134	134
19	Net Dispatch	17584	16244	-1339	17100	17235	135	58546	61386	2840	75646	78621	2975
20	TRANSMISSION COST	0	0	0	7235	6686	-549	0	0	0	7235	6686	-549
21	SLDC COST	0	0	0	175	145	-29	0	0	0	175	145	-29
22	PGCIL	0	0	0	2029	4650	2621	0	0	0	2029	4650	2621
23	ULDC COST	0	0	0	13	43	31	0	0	0	13	43	31
24	TOTAL TRANSMISSION & ULDC CHARGES	0	0	0	9451	11524	2073	0	0	0	9451	11524	2073
25	Past claims/refunds	0	-411	-411	0	94	94	0	-549	-549	0	-454	-454
26	ARREARS related to past years	0	44	44	0	7076	7076	0	158	158	0	7234	7234
27	TOTAL POWER PURCHASE	17584	15877	-1707	26551	35939	9379	58546	60996	2450	85097	96925	11829

Quarter -4

S.No.	Generating station/ Stage/Source	DESPATCH(MU)			FC(Rs.Million)			VC(Rs.Million)			TC(Rs.Million)		
		RSTO Appro ved	ACTU AL	Variati on	RSTO Appro ved	ACTU AL	Variati on	RSTO Appro ved	ACTU AL	Variati on	RSTO Appro ved	ACTUAL	Variati on
1	APGENCO Thermal	5710	5322	-388	6141	6141	0	20156	21345	1189	26297	27486	1189
2	GENCO-HYDEL	723	640	-83	1408	1408	0	0	0	0	1408	1408	0
3	Inter-state hydel(AP SHARE)	118	116	-2	162	162	0	0	0	0	162	162	0
4	APGENCO-TOTAL	6551	6078	-473	7711	7711	0	20156	21345	1189	27867	29056	1189
5	CGS Approved	2479	2343	-135	2150	3506	1356	6879	9308	2428	9029	12813	3784
6	CGS Unapproved		649	649		655	655		2718	2718	0	3373	3373
7	JNNSM PH-1 THERMAL	80	67	-12	128	88	-40	229	267	38	357	355	-2
8	Total NCE	3152	3076	-76	0	14	14	14668	13747	-921	14668	13761	-907
9	Godavari Gas	134	-2	-136	63	78	15	332	0	-332	394	78	-317
10	SDSTPS (APPDCL)-STAGE 1	2841	1367	-1474	4453	2190	-2263	8921	4293	-4628	13374	6483	-6891
11	SDSTPS (APPDCL)-STAGE 2	0	117	117	0	168	168	0	368	368	0	535	535
12	Thermal Powertech Corporation India	420	472	53	676	686	10	944	1134	190	1620	1820	200
13	SEMBCORP PROJECT-2 (350MW)	0	475	475	0	810	810	0	1072	1072	0	1883	1883
14	SEMBCORP PROJECT-2 (150MW)	0	79	79	0	0	0	0	314	314	0	314	314
15	SEMBCORP PROJECT-2 (125MW)	0	66	66	0	147	147	0	353	353	0	500	500
16	HNPCL	1649	1202	-447	1919	1786	-133	4551	3978	-573	6470	5764	-706
17	Total Others	5043	3776	-1267	7110	5865	-1245	14748	11513	-3235	21858	17378	-4480
18	Total Dispatch	17305	15991	-1315	17100	17839	739	56680	58897	2217	73780	76736	2956
19	UI CHARGES	0	-39	-39	0	0	0	0		0	0	0	0
20	Short Term Purchases	1909	2156	247	0	23	23	8208	17304	9096	8208	17327	9118
21	Short Term Sales	0	246	246	0	0	0	0	1327	1327	0	1327	1327
22	Banking(Import)	0	0	0	0	0	0	0	0	0	0	0	0
23	Net Dispatch	19214	17861	-1353	17100	17861	762	64888	74874	9986	81988	92736	10747
24	TRANSMISSION COST	0	0	0	7235	6197	-1038	0	0	0	7235	6197	-1038
25	SLDC COST	0	0	0	175	145	-30	0	0	0	175	145	-30
26	PGCIL	0	0	0	2029	2377	349	0	0	0	2029	2377	349
27	ULDC COST	0	0	0	13	43	31	0	0	0	13	43	31
28	TOTAL TRANSMISSION & ULDC CHARGES	0	0	0	9451	8763	-688	0	0	0	9451	8763	-688
29	Total	19214	17861	-1353	26551	26625	74	64888	74874	9986	91439	101499	10060
30	Past claims/refunds	0	-41	-41	0	-2627	-2627	0	1037	1037	0	-1589	-1589
31	ARREARS	0	362	362	0	8603	8603	0	5729	5729	0	14332	14332
32	SWAPPING	0	663	663	0	0	0	0	3301	3301	0	3301	3301
33	GRAND TOTAL	19214	18845	-369	26551	32601	6050	64888	84941	20053	91439	117542	26103

FPPCA FY 2022-23

S.No.	Generating station/ Stage/Source	DESPATCH(MU)			FC(Rs.Million)			VC(Rs.Million)			TC(Rs.Million)		
		RSTO Appro ved	ACTU AL	Variat ion	RSTO Approve d	ACTUAL	Variati on	RSTO Approve d	ACTUAL	Variatio n	RSTO Approve d	ACTUAL	Variatio n
1	APGENCO Thermal	20544	18586	-1958	24565	23470	-1094	72203	74570	2367	96768	98040	1272
2	APGENCO Hydel	2844	3787	943	5633	5633	0	0	0	0	5633	5633	0
3	Inter-state hydel(AP SHARE)	488	439	-49	648	648	0	0	0	0	648	648	0
4	APGENCO-TOTAL	23876	22812	-1064	30846	29751	-1094	72203	74570	2367	103049	104321	1272
5	CGS Approved	9508	9972	464	8600	12443	3844	26436	38118	11682	35035	50562	15526
6	CGS Unapproved		2866	2866		2642	2642		11792	11792		14434	14434
7	JNNM PH-1 THERMAL	318	224	-94	512	343	-169	916	976	60	1429	1319	-109
8	Total NCE	15090	14686	-404	0	48	48	70372	66425	-3947	70372	66473	-3899
9	Godavari Gas	476	228	-248	250	300	50	1180	1327	147	1430	1627	197
10	SDSTPS (APPDCL)-STAGE 1	11139	5448	-5691	17812	8761	-9051	34977	17107	-17870	52789	25868	-26921
11	SDSTPS (APPDCL)-STAGE 2	0	117	117	0	168	168	0	368	368	0	535	535
12	Thermal Powertech Corporation India	1605	1795	190	2704	2871	168	3612	4155	544	6315	7026	711
13	SEMBCORP PROJECT-2 (350MW)	0	475	475	0	810	810	0	1072	1072	0	1883	1883
14	SEMBCORP PROJECT-2 (150MW)	0	79	79	0	0	0	0	314	314	0	314	314
15	SEMBCORP PROJECT-2 (125MW)	0	66	66	0	147	147	0	353	353	0	500	500
16	HNPC	7241	4532	-2709	7676	6139	-1537	19985	13686	-6300	27661	19824	-7836
17	Total Others	20461	12740	-7721	28441	19196	-9245	59753	38382	-21371	88195	57579	-30616
18	Total Dispatch	69254	63301	-5952	68399	64424	-3974	229681	230264	583	298079	294688	-3391
19	UI CHARGES	0	67	67	0	854	854	0	0	0	0	854	854
20	Short Term Purchases	3675	8617	4942	0	96	96	15803	66164	50361	15803	66261	50458
21	Short Term Sales	0	1777	1777	0	0	0	0	8493	8493	0	8493	8493
22	Banking(Import)	0	21	21	0	0	0	0	134	134	0	134	134
23	Net Dispatch	72929	70230	-2699	68399	65375	-3024	245483	288069	42585	313882	353443	39561
24	TRANSMISSION COST	0	0	0	28941	26223	-2718	0	0	0	28941	26223	-2718
25	SLDC COST	0	0	0	698	695	-3	0	0	0	698	695	-3
26	PGCIL	0	0	0	8115	11310	3195	0	0	0	8115	11310	3195
27	ULDC COST	0	0	0	50	173	123	0	0	0	50	173	123
28	TOTAL TRANSMISSION & ULDC CHARGES	0	0	0	37804	38401	598	0	0	0	37804	38401	598
29	Total Power Purchase Cost	72929	70230	-2699	106203	103776	-2427	245483	288069	42585	351686	391845	40159
30	Past claims/refunds	0	-512	-512	0	-2499	-2499	0	-1866	-1866	0	-4365	-4365
31	ARREARS	0	406	406	0	15705	15705	0	5928	5928	0	21633	21633
32	SWAPPING	0	663	663	0	0	0	0	3301	3301	0	3301	3301
33	GRAND TOTAL	72929	70787	-2142	106203	116982	10780	245483	295431	49948	351686	412414	60728

The table below summarises the quarter-wise and yearly PP cost approved in the RSTO Order for FY2022-23 versus the admitted figures in the Order for each DISCOM and the three DISCOMS together.

Name of the DISCOM	Energy (MUs)			Amount (Rs. Cr.)		
	As per RSTO	Admitted	Difference	As per RSTO	Admitted	Difference
Q1						
APSPDCL	6810	6708	-103	3454	3894	440
APCPDCL	4372	4332	-40	2107	2659	553
APEPDCL	7068	7180	112	3369	4356	987
Total	18250	18219	-31	8930	10909	1980
Q2						
APSPDCL	6974	6957	-18	3481	3422	-60
APCPDCL	4219	3894	-325	1986	1971	-14
APEPDCL	6687	6994	307	3118	3493	374
Total	17880	17845	-35	8585	8885	300
Q3						
APSPDCL	7011	5796	-1215	3708	3621	-87
APCPDCL	4268	3535	-733	1888	2181	294
APEPDCL	6305	6546	241	2913	3890	977
Total	17584	15877	-1707	8510	9693	1183
Q4						
APSPDCL	8073	8096	23	4513	4747	234
APCPDCL	4231	3747	-484	1821	2749	927
APEPDCL	6911	7002	92	2809	4258	1449
Total	19214	18845	-369	9144	11754	2610
Total FY 2022-23						
APSPDCL	28868	27556	-1312	15157	15684	527
APCPDCL	17089	15508	-1582	7801	9561	1759
APEPDCL	26971	27722	752	12210	15997	3787
Total	72929	70787	-2142	35169	41241	6073

Carrying costs

- Having finalised the variations in power purchase costs with reference to the RSTO Order, the Commission determines the FPPCA charges as detailed in subsequent paragraphs. However, the Commission is not inclined to consider carrying cost either during the delay between the date of filings to the date of initiation of the proceedings or during the period from the date of passing this Order to the date of recovery of the FPPCA for more than one reason. Though the DISCOMS cannot be blamed for steep variations between RSTO approvals and actuals, the fact

remains, huge burden is being imposed on the consumers. Levying carrying cost will be the last straw on the camel's back. More over the DISCOMs failed to recover monthly FPPCA up to 50ps inspite of the provision made by the Commission in this regard.

12. The Commission has decided to compute the uniform FPPCA charges among the three DISCOMS similar to the Retail Supply Tariffs as discussed supra. Hence, as per the above-approved power purchase costs and taking the base and actual power purchase costs of three DISCOMS together with T&D losses of respective DISCOMs, the Commission has computed the FPPCA per unit for each DISCOM for all four quarters. But with FPPCA arrived at by the Commission with the formula prescribed in the regulation, the expected FPPCA charges to be collected from the consumers have exceeded over and above the power purchase cost variations of Rs.6072.87 crores by 622 crores due to the T&D losses of the subject year being lower than the T&D losses adopted for computation as per regulation. Therefore, to limit the FPPCA charges only to the extent of power purchase cost variations, the Commission decides to adjust the excess FPPCA charges in the respective quarters. Accordingly, after adjustments, the FPPCA approved by the Commission vis a vis the FPPCA claimed in the filings of the DISCOMS for all quarters is shown in the table below

FPPCA Claims Vs Approvals (Rs/Unit) for FY2022-23						
Quarter	APSPDCL		APCPDCL		APEPDCL	
	Claim	Approved by Commission	Claim	Approved by Commission	Claim	Approved by Commission
Q1	0.8286	1.2152	1.4789	1.2089	1.3976	1.1876
Q2	-0.0332	0.1901	0.4557	0.1919	0.3802	0.1870
Q3	1.4352	0.8014	1.5040	0.8089	1.1687	0.7882
Q4	1.9246	1.5832	3.2704	1.5484	2.0780	1.5534

13. Based on the FPPCA per unit approved by the Commission in this Order, the expected recovery of FPPCA charges by the DISCOMS based on their actual sales during each quarter of FY 2022-23 are computed and shown in the table below:

Quarter	Details	APSPDCL	APCPDCL	APEPDCL	Total
Q1	FPPCA-Rs/Unit	1.2152	1.2089	1.1876	1.203
	Sales-MU	5980.990	3874.690	6604.670	16460.350
	FPPCA-Recovery-Rs Crs	726.83	468.42	784.39	1979.648
Q2	FPPCA-Rs/Unit	0.1901	0.1919	0.1870	0.189

	Sales-MU	6115.530	3404.450	6331.920	15851.900
	FPPCA-Recovery-Rs Crs	116.24	65.33	118.38	299.957
Q3	FPPCA-Rs/Unit	0.8014	0.8089	0.7882	0.798
	Sales-MU	5459.860	3210.870	6161.540	14832.270
	FPPCA-Recovery-Rs Crs	437.55	259.74	485.63	1182.922
Q4	FPPCA-Rs/Unit	1.5831	1.5483	1.5534	1.565
	Sales-MU	7057.850	3376.360	6246.080	16680.290
	FPPCA-Recovery-Rs Crs	1117.35	522.75	970.24	2610.339
Total for only referenc e	FPPCA-Rs/Unit	0.9742	0.9492	0.9306	0.95
	Sales-MU	24614.23 0	13866.37 0	25344.21 0	63824.810
	FPPCA-Recovery-Rs Crs	2397.977	1316.245	2358.644	6072.866

As can be seen from the above table, the recovery of charges commensurate with the admitted power purchase costs in the present Order. The recovery of Rs.6072.86 crores approved by the Commission is against the Rs. 8114 crore recovery proposed by the DISCOMS, which is less by 2042 crores.

14. The FPPCA recovery vis a vis the power purchase cost variations, DISCOMS wise, is shown in the table below;

S.No	DISCOM	Power Purchase variations for FY 2022-23 (Rs.Cr) (a)	Expected FPPCA recovery (Rs.Cr) (b)	Difference (Rs. Cr) (b)-(a)
1	APSPDCL	1409.83	2397.98	988.14
2	APCPDCL	1411.28	1316.25	-95.03
3	APEPDCL	3251.76	2358.64	-893.12
Total		6072.87	6072.87	0.0

As can be seen from the table above, there is a shortage of Rs.95.03 Cr, Rs.893.12 Cr, and an excess of Rs.988.14 Cr. with respect to CPDCL, EPDCL, and SPDCL, respectively. Accordingly, the power purchase costs among the DISCOMS shall be corrected in their books of accounts for FY 2022-23, and the same will be adjusted in the ensuing ARR of the Retail Supply Tariff Order.

15. The Commission examined the impact of recovery of FPPCA charges is one lump sum. To avoid hardship and tariff shock to the consumers, it is decided that the DISCOMs shall recover the charges over a period of 15 Months as shown in the table below.

Proposed FPPCA for FY 2022-23 Recovery- Schedule					
Quarter	Month of Consumption for which FPPCA is to be Charged	To be collected along with monthly consumption charges of	APSPDCL	APCPDCL	APEPDCL
			FPPCA Rate Rs/Unit		
Q1	Apr-22	Nov-24	0.6152	0.6089	0.5876
		Dec_24	0.6000	0.6000	0.6000
		Total	1.2152	1.2089	1.1876
	May-22	Jan-25	0.6152	0.6089	0.5876
		Feb-25	0.6000	0.6000	0.6000
		Total	1.2152	1.2089	1.1876
	June-22	Mar-25	0.6152	0.6089	0.5876
		Apr-25	0.6000	0.6000	0.6000
		Total	1.2152	1.2089	1.1876
Q2	July-22	Feb-25	0.1901	0.1919	0.1870
	Aug-22	Mar-25	0.1901	0.1919	0.1870
	Sep-22	Apr-25	0.1901	0.1919	0.1870
Q3	Oct_22	May-25	0.8014	0.8089	0.7882
	Nov-22	Jun-25	0.8014	0.8089	0.7882
	Dec_23	Jul-25	0.8014	0.8089	0.7882
Q4	Jan-23	Aug-25	0.8331	0.7983	0.8034
		Sep-25	0.7500	0.7500	0.7500
		Total	1.5831	1.5483	1.5534
	Feb_23	Oct-25	0.8331	0.7983	0.8034
		Nov-25	0.7500	0.7500	0.7500
		Total	1.5831	1.5483	1.5534
	Mar-23	Dec-25	0.8331	0.7983	0.8034
		Jan-26	0.7500	0.7500	0.7500
		Total	1.5831	1.5483	1.5534

The FPPCA charges approved in this order shall be collected from the consumers based on their actual consumption for the respective months of FY 2022-23. As directed in previous orders, these charges shall be collected only from registered consumers.

16. Regarding agricultural consumption under the free power category consumers and other subsidised or partly subsidised consumers, the FPPCA charges are to

be raised by the DISCOMS on GOAP as per the directions supra.

17. Further, the DISCOMS are directed to furnish the actual FPPCA charges collected from the consumers, including the FPPCA charged to GoAP in respect of all eligible consumers, including those other than agricultural consumers under the free power category as per regulation as against the power purchase cost variations approved in this Order along with the True-up of Retail Supply Business for the fourth control period to be filed before the Commission after the end of control period for correction if there be any excess/shortfall.
18. Admission of any claim in this Order does not confer any right on any party in the future regarding any dispute regarding the power purchase costs between the licensees and the developers.
19. The DISCOMS shall publish the FPPCA schedule approved by the Commission in one English newspaper and one Telugu newspaper in Telugu with wide circulation in their area of supply within one week from the date of issue of the Order.
20. All the annexures enclosed in this order form part of the Order. Accordingly, all the FPPCA petitions for FY 2022-23 are disposed of.

Sd/-

P.V.R. Reddy
Member

Sd/-

Justice C.V. Nagarjuna Reddy
Chairman

Sd/-

Thakur Rama Singh
Member

Annexure-1
List of Objectors for FY 2022-23
OP Nos. 57 to 68 of 2024

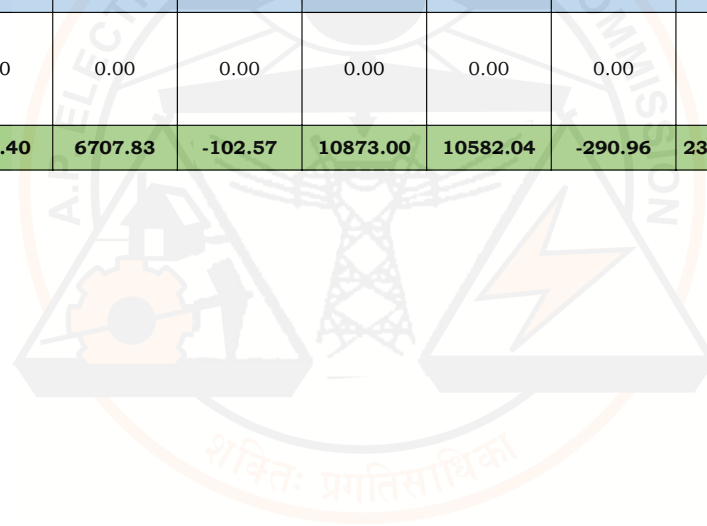
Sl.No	Objector Name	
1	Sri.M. Venugopala Rao	
2	Sri. S.Surya Prakasa Rao Former Secretary, erstwhile APERC	
3	Sri.Suresh Khandelwal Executive Director, Electrosteel Casting Limited	
4	Sri.CH. Baburao CPI(M), State Secretariat Member	
5	Sri.I.Gopinath Chief Executive Officer SICMA	
6	Sri.M. Venugopala Rao	
7	Sri.S N Sastry UH & President Grasim Industries Ltd.	
8	A.P Ferro Alloys Producers Association	
9	P. Vydehi, Secretary (i/c),FAPCCI	
10	Sri. Kandharapu Murali, CPI(M) Secretariat Member,	
11	Sri.Ch.Narsinga Rao GeneralSecretary A P CITU State Committee	
12	Sri.Shivakumar APTMA	
13	Sri.V. Bhaskar TGV SRAAC Limited	

Annexure-II

FPPCA FORMAT for the month of Q1 FY 2022-23 - SPDC

S.No.	Generating station/ Stage/Source	Plant capacity (MW)	Discom's share (%)	Energy (MU)			Cost Components (Rs.Millions)								
							Fixed (A)			Variable (B)			Total F=(A+B+C+D+E)		
				TO (a)	Actual (b)	Variance (c)= (b-a)	TO (d)	Actual (e)	Variance (f)= (e-d)	TO (g)	Actual (h)	Variance (i)= (h-g)	TO (s)	Actual (t)	Variance (u)= (t-s)
1	Dr.NTTPS-I	420	40.44%	257.17	258.28	1.11	240.52	240.51	0.00	858.95	921.66	62.72	1099.46	1162.18	62.71
2	Dr.NTTPS-II	420	40.44%	257.17	258.28	1.11	240.52	240.51	0.00	858.95	921.66	62.72	1099.46	1162.18	62.71
3	Dr.NTTPS-III	420	40.44%	257.17	258.28	1.11	240.52	240.51	0.00	858.95	921.66	62.72	1099.46	1162.18	62.71
4	Dr.NTTPS-IV	500	40.44%	340.79	375.83	35.04	289.83	289.81	-0.01	1073.49	1227.75	154.26	1363.31	1517.56	154.25
5	RTPP Stage-I	420	40.44%	189.30	224.59	35.29	272.10	272.09	-0.01	730.70	977.67	246.97	1002.80	1249.76	246.96
6	RTPP Stage-II	420	40.44%	189.30	258.00	68.70	266.80	266.80	0.00	730.70	1135.75	405.05	997.50	1402.55	405.06
7	RTPP Stage-III	210	40.44%	84.95	116.99	32.04	172.43	172.42	-0.01	327.91	517.05	189.14	500.33	689.46	189.13
8	RTPP Stage-IV	600	40.44%	295.49	317.18	21.69	760.80	760.81	0.01	1081.49	1245.75	164.26	1842.29	2006.56	164.27
9	TOTAL (Thermal)	3410		1871.34	2067.44	196.10	2483.50	2483.47	-0.03	6521.13	7868.96	1347.83	9004.63	10352.43	1347.80
10	Srisailem -RBPH	770	40.44%	19.92	-0.36	-20.28	229.80	229.81	0.01	0.00	0.00	0.00	229.80	229.81	0.01
11	NSRCPH	90	40.44%	0.28	4.72	4.44	26.38	26.38	0.00	0.00	0.00	0.00	26.38	26.38	0.00
12	NSTPDC PH	50	40.44%	1.20	1.39	0.19	50.65	50.65	0.00	0.00	0.00	0.00	50.65	50.65	0.00
13	Sileru Complex	725	40.44%	141.11	143.95	2.84	247.18	247.18	0.00	0.00	0.00	0.00	247.18	247.18	0.00
14	Pennaahobilam	20	40.44%	0.00	-0.03	-0.03	13.68	13.67	-0.01	0.00	0.00	0.00	13.68	13.67	-0.01
15	Mini Hydel (Chettipeta)	1	40.44%	0.08	0.17	0.09	1.85	1.84	-0.01	0.00	0.00	0.00	1.85	1.84	-0.01
16	GENCO-HYDEL	1656		162.59	149.84	-12.75	569.53	569.53	0.00	0.00	0.00	0.00	569.53	569.53	0.00
17	Inter-state hydel(AP SHARE)	141.6	40.44%	38.60	29.04	-9.56	65.48	65.48	0.01	0.00	0.00	0.00	65.48	65.48	0.01
18	APGENCO-TOTAL	5207.6		2072.53	2246.31	173.78	3118.50	3118.48	-0.02	6521.13	7868.96	1347.83	9639.63	10987.44	1347.81
19	NTPC (SR) Ramagundam I & II	2100	5.54%	174.83	201.11	26.28	140.45	137.78	-2.67	458.05	756.72	298.66	598.50	894.49	295.99
20	NTPC (SR) Simhadri Stage 1	1000	18.65%	280.47	353.59	73.12	308.13	493.29	185.16	841.41	1393.10	551.69	1149.54	1886.38	736.85
21	NTPC (SR) Simhadri Stage 2	1000	8.48%	113.57	123.07	9.50	220.00	340.81	120.81	341.85	465.58	123.73	561.85	806.39	244.55
22	NTPC (SR) Talcher St. II	2000	3.64%	129.04	140.44	11.40	88.73	105.78	17.05	223.24	247.03	23.79	311.96	352.81	40.85
23	NTPC (SR) Ramagundam Stage-III	500	5.85%	48.30	44.59	-3.71	40.80	39.34	-1.46	124.61	140.71	16.10	165.41	180.05	14.64
24	NTPC Kudgi Stage 1	2400	4.12%	0.00	160.39	160.39	0.00	266.12	266.12	0.00	842.63	842.63	0.00	1108.75	1108.75
25	NTPC DADRI & MOUDHA			0.00	0.00	0.00	0.00	-1.22	-1.22	0.00	0.00	0.00	0.00	-1.22	-1.22
26	NTECL Valluru	1500	2.32%	0.00	68.06	68.06	0.00	115.79	115.79	0.00	246.83	246.83	0.00	362.62	362.62
27	NLC Stage-I	630	3.00%	19.06	32.85	13.79	22.48	20.09	-2.39	49.94	89.04	39.11	72.41	109.13	36.72
28	NLC Stage-II	840	4.12%	33.37	58.53	25.16	42.68	39.29	-3.39	88.10	158.53	70.44	130.77	197.82	67.05
29	NPC (MAPS)	440	1.67%	4.77	4.93	0.16	2.65	0.00	-2.65	12.97	13.29	0.31	15.62	13.29	-2.34
30	NPC (Kaiga Unit-I,II)	880	5.24%	82.47	92.39	9.92	3.53	0.00	-3.53	302.66	336.17	33.50	306.19	336.17	29.98
31	NPC (Kaiga Unit-III & IV)														
32	NTPC (NLC Tamilnadu Power Ltd	1000	4.91%	0.00	79.39	79.39	0.00	115.90	115.90	0.00	317.68	317.68	0.00	433.58	433.58
33	NLC NNTPS	1000	2.13%	0.00	38.13	38.13	0.00	66.50	66.50	0.00	83.65	83.65	0.00	150.15	150.15
34	CGS TOTAL	15290		885.88	1397.47	511.59	869.43	1739.46	870.03	2442.84	5090.97	2648.13	3312.26	6830.42	3518.16
35	JNNSM PH-1 THERMAL			32.16	25.92	-6.24	51.80	26.93	-24.87	92.62	101.48	8.86	144.42	128.41	-16.01
36	NCE-WIND TOTAL	3766.6	100%	2243.83	2186.56	-57.27	0.00	0.00	0.00	10546.00	10332.56	-213.44	10546.00	10332.56	-213.44
37	NCE - OTHERS	309.66	39.87%	35.09	21.42	-13.67	0.00	0.00	0.00	198.26	109.79	-88.47	198.26	109.79	-88.47
38	NCE-SOLAR Total	1466.43	97.24%	1178.66	1178.43	-0.23	0.00	0.00	0.00	5303.97	4867.52	-436.45	5303.97	4867.52	-436.45
39	JNNSM PH-1 SOLAR	39	100%	25.16	14.47	-10.69	0.00	0.00	0.00	269.21	157.80	-111.41	269.21	157.80	-111.41
40	JNNSM PH-2 SOLAR	1250	100%	894.39	725.16	-169.23	0.00	0.00	0.00	4024.76	3029.05	-995.71	4024.76	3029.05	-995.71

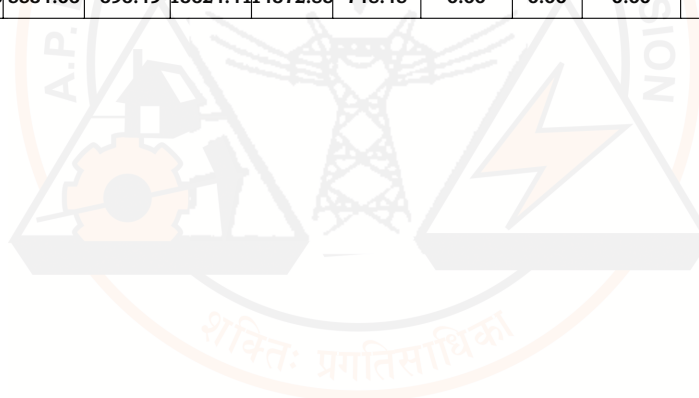
41	Total NCE	6831.69		4377.13	4126.04	-251.09	0.00	0.00	0.00	20342.20	18496.72	-1845.47	20342.20	18496.72	-1845.47
42	Godavari Gas	216	40.44%	54.75	51.66	-3.09	25.28	18.97	-6.30	135.78	277.09	141.31	161.06	296.06	135.01
43	Thermal Powertech Corporation India	1240	7.52%	169.65	165.27	-4.38	273.33	265.87	-7.46	381.71	371.60	-10.11	655.04	637.47	-17.57
44	SDSTPS (APPDCL)-STAGE 1	1600	36.40%	1224.76	498.61	-726.15	1800.78	810.07	-990.71	3845.75	1565.65	-2280.10	5646.52	2375.72	-3270.80
45	Hinduja National Power Limited (HNPL)	1040	40.44%	772.41	407.02	-365.39	776.00	431.45	-344.55	2131.85	1123.39	-1008.47	2907.85	1554.83	-1353.02
46	Total Others	4096		2221.57	1122.56	-1099.01	2875.38	1526.36	-1349.02	6495.09	3337.73	-3157.36	9370.47	4864.08	-4506.38
47	JNNM PH-II THERMAL			0.00	0.00	0.00	0.00	8.61	8.61	0.00	15.74	15.74	0.00	24.35	24.35
48	UI CHARGES			0.00	22.97	22.97	0.00	0.00	0.00	0.00	559.13	559.13	0.00	559.13	559.13
49	Short Term Purchases			0.00	853.51	853.51	0.00	0.00	0.00	0.00	9027.09	9027.09	0.00	9027.09	9027.09
50	Sale to EPDCL			1775.14	2074.13	298.99	0.00	0.00	0.00	7810.62	10786.67	2976.06	7810.62	10786.67	2976.06
51	Sale to CPDCL			1003.73	1012.83	9.10	0.00	0.00	0.00	4416.41	5275.50	859.08	4416.41	5275.50	859.08
52	Net Dispatch	31425.29		6810.40	6707.83	-102.57	6915.10	6419.83	-495.27	23666.84	28435.65	4768.80	30581.94	34855.48	4273.53
53	TRANSMISSION COST			0.00	0.00	0.00	3015.75	2834.21	-181.54	0.00	0.00	0.00	3015.75	2834.21	-181.54
54	SLDC COST			0.00	0.00	0.00	116.68	135.42	18.75	0.00	0.00	0.00	116.68	135.42	18.75
55	PGCIL			0.00	0.00	0.00	820.43	1189.38	368.95	0.00	0.00	0.00	820.43	1189.38	368.95
56	ULDC COST			0.00	0.00	0.00	5.05	3.20	-1.85	0.00	0.00	0.00	5.05	3.20	-1.85
57	TOTAL TRANSMISSION & ULDC CHARGES			0.00	0.00	0.00	3957.90	4162.21	204.31	0.00	0.00	0.00	3957.90	4162.21	204.31
58	Past claims/refunds, if any, pertaining to the quarters(s) prior to the quarter for which FPPCA is being filed			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	TOTAL POWER PURCHASE	31425.29		6810.40	6707.83	-102.57	10873.00	10582.04	-290.96	23666.84	28435.65	4768.80	34539.84	39017.69	4477.84



Annexure-III
FPPCA FORMAT for the month of Q1 FY23-CPDCL

Sl. No.	Generating station/ Stage/Source	Plant capacity (MW)	Discom's share (%)	Energy (MU)			Cost Components (Rs.Millions)															Total F=(A+B+C+D+E)				
				TO (a)	Actual (b)	Variance (c)=(b-a)	Fixed (A)			Variable (B)			Incentive (C)			Income Tax (D)			Others (E)			TO (s)	Actual (t)	Variance (u)=(t-s)		
							TO (d)	Actual (e)	Variance (f)=(e-d)	TO (g)	Actual (h)	Variance (i)=(h-g)	TO (j)	Actual (k)	Variance (l)=(k-j)	TO (m)	Actual (n)	Variance (o)=(n-m)	TO (p)	Actual (q)	Variance (r)=(q-p)					
1	Dr.NTTPS-I	420	23.34%	162.99	149.07	-13.92	138.82	138.81	0.00	544.39	531.94	-12.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	683.20	670.75	-12.45	
2	Dr.NTTPS-II	420	23.34%	162.99	149.07	-13.92	138.82	138.81	0.00	544.39	531.94	-12.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	683.20	670.75	-12.45	
3	Dr.NTTPS-III	420	23.34%	162.99	149.07	-13.92	138.82	138.81	0.00	544.39	531.94	-12.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	683.20	670.75	-12.45		
4	Dr.NTTPS-IV	500	23.34%	196.68	216.91	20.23	167.28	167.27	-0.01	619.54	708.60	89.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	786.82	875.86	89.05	
5	RTPP Stage-I	420	23.34%	162.98	129.62	-33.36	157.03	157.04	0.01	629.10	564.26	-64.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	786.13	721.30	-64.83	
6	RTPP Stage-II	420	23.34%	162.98	148.91	-14.07	153.98	153.99	0.01	629.10	655.50	-26.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	783.08	809.49	26.41	
7	RTPP Stage-III	210	23.34%	81.50	67.52	-13.98	99.50	99.51	0.01	314.59	298.41	-16.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	414.09	397.92	-16.17	
8	RTPP Stage-IV	600	23.34%	254.41	183.06	-71.35	439.10	439.10	0.00	931.14	718.99	-212.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370.24	1158.09	-212.15	
9	TOTAL (Thermal)	3410		1347.52	1193.22	-154.30	1433.33	1433.34	0.01	4756.64	4541.58	-215.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6189.96	5974.92	-215.04		
10	Srisaillam -RBPH	770	23.34%	11.51	-0.21	-11.72	132.63	132.64	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.63	132.64	0.01		
11	NSRCPH	90	23.34%	0.16	2.72	2.56	15.23	15.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.23	15.22	0.00		
12	NSTPDC PH	50	23.34%	0.69	0.80	0.11	29.23	29.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.23	29.23	0.01		
13	Sileru Complex	725	23.34%	81.45	83.08	1.63	142.65	142.66	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.65	142.66	0.01		
14	Pennaahobilam	20	23.34%	0.00	-0.02	-0.02	7.90	7.89	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.90	7.89	-0.01		
15	Mini Hydel (Chettipeta)	1	23.34%	0.05	0.10	0.05	1.05	1.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05	1.06	0.01		
16	GENCO-HYDEL	1656		93.86	86.48	-7.38	328.68	328.70	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	328.68	328.70	0.03		
17	Inter-state hydel(AP SHARE)	141.6	23.34%	22.30	16.76	-5.54	37.80	37.79	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.80	37.79	-0.01		
18	APGENCO-TOTAL	5207.6		1463.68	1296.46	-167.22	1799.80	1799.83	0.03	4756.64	4541.58	-215.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6556.44	6341.42	-215.02		
19	NTPC (SR) Ramagundam I & II	2100	3.20%	100.91	116.07	15.16	81.08	79.52	-1.56	264.38	436.74	172.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	345.46	516.26	170.80		
20	NTPC (SR) Simhadri Stage 1	1000	10.76%	161.87	204.08	42.21	177.85	284.70	106.85	485.61	804.03	318.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	663.46	1088.73	425.27		
21	NTPC (SR) Simhadri Stage 2	1000	4.90%	65.54	71.03	5.49	126.98	198.03	71.05	197.28	268.71	71.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	324.25	466.74	142.49		
22	NTPC (SR) Talcher St. II	2000	2.10%	74.48	81.06	6.58	51.20	61.05	9.85	128.85	142.57	13.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180.05	203.62	23.57		
23	NTPC (SR) Ramagundam	500	3.37%	27.87	25.73	-2.14	23.55	22.70	-0.85	71.90	81.21	9.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.45	103.92	8.46		
24	NTPC Kudgi Stage 1	2400	2.38%	0.00	92.57	92.57	0.00	153.59	153.59	0.00	486.33	486.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	639.92	639.92	0.00	
25	NTPC DADRI & MOUDHA			0.00	0.00	0.00	0.00	-0.71	-0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	-0.71	0.00	
26	NTECL Valluru	1500	1.34%	0.00	39.28	39.28	0.00	66.83	66.83	0.00	142.46	142.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	209.29	209.29	0.00	
27	NLC Stage-I	630	1.73%	10.99	18.96	7.97	12.98	11.59	-1.38	28.79	51.39	22.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.77	62.99	21.22		
28	NLC Stage-II	840	2.38%	19.27	33.78	14.51	24.63	22.67	-1.95	50.87	91.50	40.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.50	114.17	38.67		
29	NPC (MAPS)	440	0.96%	2.74	2.85	0.11	1.53	0.00	-1.53	7.45	7.65	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.98	7.65	-1.33		
30	NPC (Kaiga Unit-I,II)																									
31	NPC (Kaiga Unit-III & IV)	880	3.03%	47.58	53.32	5.74	2.03	0.00	-2.03	174.62	194.02	19.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176.64	194.02	17.38		
32	NTPC (NLC Tamilnadu Power Ltd Stage-1) (TUTICORIN)	1000	2.83%	0.00	45.82	45.82	0.00	66.89	66.89	0.00	183.35	183.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250.24	250.24	0.00	
33	NLC NNTPS	1000	1.23%	0.00	22.01	22.01	0.00	38.38	38.38	0.00	48.28	48.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.66	86.66	0.00	
34	CGS TOTAL	15290		511.25	806.55	295.30	501.80	1005.24	503.44	1409.76	2938.24	1528.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1911.56	3943.48	2031.92		
35	JNNM PH-I THERMAL			18.57	14.96	-3.61	29.90	15.55	-14.35	53.48	58.57	5.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.38	74.12	-9.27		
36	NCE -OTHERS	309.66	29.78%	37.71	36.78	-0.93	0.00	0.00	0.00	213.06	243.33	30.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	213.06	243.33	30.27		
37	NCE-SOLAR Total	1466.43	1.91%	10.68	10.52	-0.16	0.00	0.00	0.00	48.06	75.59	27.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.06	75.59	27.53		
38	Total NCE	1776.09		48.39	47.30	-1.09	0.00	0.00	0.00	261.12	318.92	57.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	261.12	318.92	57.79		
39	Godavari Gas	216	23.34%	31.59	29.82	-1.77	14.60	10.95	-3.65	78.34	165.80	87.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.94	176.75	83.81		
40	Thermal Powertech Corporation India	1240	4.34%	97.92	95.38	-2.54	157.75	153.45	-4.30	220.32	214.47	-5.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	378.07	367.92	-10.15		
41	SDSTPS (APPDCL)-STAGE 1	1600	21.01%	706.86	287.78	-419.08	1039.33	467.53	-571.79	2219.54	903.62	-1315.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3258.87	1371.15	-1887.72		
42	HNFLC	1040	23.34%	445.79	234.91	-210.88	447.88	249.01	-198.87	1230.39	648.36	-582.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1678.27	897.37	-780.89		
43	Total Others	4096		1282.16	647.89	-634.27	1659.55	880.94	-778.61	3748.60	1932.25	-1816.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5408.15	2813.19	-2594.95		
44	JNNM PH-II THERMAL			0.00	0.00	0.00	0.00	5.06	5.06	0.00	9.26	9.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.31	14.31	0.00	
45	UI CHARGES			0.00	13.26	13.26	0.00	0.00	0.00	0.00	322.70	322.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	322.70	322.70	0.00	
46	Short Term Purchases			44.35	492.60	448.25	0.00	0.00	0.00	190.71	5210.00	5019.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	190.71	5210.00	5019.29		
47	Purchase from SPDCL			1003.73	1012.83	9.10	0.00	0.00	0.00	4416.41	5275.50	859.08	0.00	0.0												

39	Godavari Gas	216	23.34%	16.25	22.60	6.35	14.60	24.35	9.75	40.30	130.14	89.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.90	154.49	99.59
40	Thermal Powertech Corporation India	1240	4.34%	97.92	104.83	6.91	157.75	164.47	6.72	220.32	237.89	17.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	378.07	402.36	24.29
41	SDSTPS (APPDCL)-STAGE 1	1600	21.01%	714.63	375.26	-339.37	1039.33	597.92	-441.41	2243.94	1178.32	-1065.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3283.26	1776.24	-1507.02
42	HNPCL	1040	23.34%	401.91	273.07	-128.85	447.88	375.41	-72.46	1109.28	762.15	-347.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1557.16	1137.57	-419.59
43	Total Others	4096		1230.71	775.77	-454.95	1659.55	1162.15	-497.40	3613.84	2308.51	-1305.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5273.39	3470.66	-1802.73
44	JNNSM PH-II			0.00	0.00	0.00	0.00	0.92	0.92	0.00	0.55	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48	1.48
45	UI CHARGES			0.00	4.79	4.79	0.00	0.00	0.00	0.00	115.66	115.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115.66	115.66
46	Short Term Purchases			0.00	340.22	340.22	0.00	15.51	15.51	0.00	2198.31	2198.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2213.82	2213.82
47	Short Term sales			0.00	-183.16	-183.16	0.00	0.00	0.00	0.00	-746.69	-746.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-746.69	-746.69
48	Purchase from SPDCL			808.12	820.39	12.27	0.00	0.00	0.00	3555.73	3813.61	257.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3555.73	3813.61	257.88
49	Net Dispatch	6369.6	0.00%	4218.81	3899.41	-319.41	3991.05	3613.67	-377.38	13624.41	14746.71	1122.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17615.46	18360.38	744.93
50	TRANSMISSION COST			0.00	0.00	0.00	1740.33	1573.12	-167.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1740.33	1573.12	-167.20
51	SLDC COST			0.00	0.00	0.00	22.75	26.37	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.75	26.37	3.62
52	PGCIL			0.00	0.00	0.00	473.50	313.13	-160.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	473.50	313.13	-160.37
53	ULDC COST			0.00	0.00	0.00	2.93	1.89	-1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.93	1.89	-1.03
54	TOTAL TRANSMISSION & ULDC CHARGES			0.00	0.00	0.00	2239.50	1914.52	-324.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2239.50	1914.52	-324.98
55	Past claims/refunds, if any, pertaining to the quarters(s) prior to the quarter for which FPPCA is being filed			0.00	-5.47	-5.47	0.00	5.86	5.86	0.00	-373.86	-373.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-367.99	-367.99
56	TOTAL POWER PURCHASE			4218.81	3893.94	-324.88	6230.55	5534.06	-696.49	13624.41	14372.85	748.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19854.96	19906.91	51.95



ANNEXURE-IV

FPPCA FORMAT FOR Q1 FY 2022-23-EPDCL

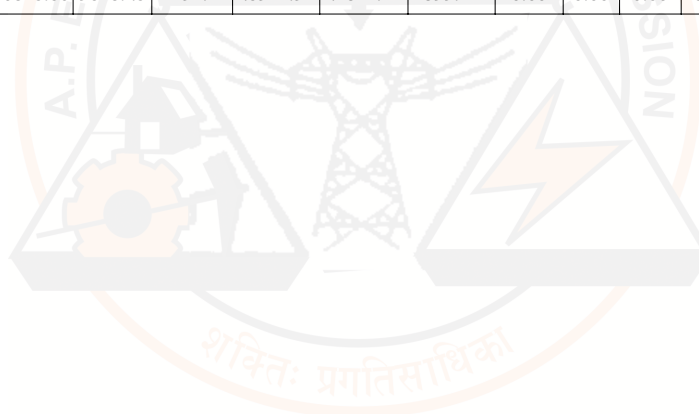
S.No.	Generating station/ Stage/Source	Plant capacity (MW)	Discom's share (%)	Energy (MU)			Cost Components (Rs.Millions)															Total F=(A+B+C+D+E)		
							Fixed (A)			Variable (B)			Incentive (C)			Income Tax (D)			Others (E)					
				TO (a)	Actual (b)	Variance (c)= (b-a)	TO (d)	Actual (e)	Variance (f)= (e-d)	TO (g)	Actual (h)	Variance (i)= (h-g)	TO (j)	Actual (k)	Variance (l)= (k-j)	TO (m)	Actual (n)	Variance (o)= (n-m)	TO (p)	Actual (q)	Variance (r)= (q-p)	TO (s)	Actual (t)	Variance (u)= (t-s)
1	Dr.NTTPS-I	420	36.22%	252.93	231.33	-21.60	215.42	215.42	0.00	844.79	825.49	-19.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1060.20	1040.90	-19.30
2	Dr.NTTPS-II	420	36.22%	252.93	231.33	-21.60	215.42	215.42	0.00	844.79	825.49	-19.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1060.20	1040.90	-19.30
3	Dr.NTTPS-III	420	36.22%	252.93	231.33	-21.60	215.42	215.42	0.00	844.79	825.49	-19.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1060.20	1040.90	-19.30
4	Dr.NTTPS-IV	500	36.22%	305.24	336.62	31.38	259.58	259.57	0.00	961.51	1099.63	138.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1221.08	1359.20	138.12
5	RTPP Stage-I	420	36.22%	252.92	201.15	-51.77	243.70	243.70	0.00	976.27	875.65	-100.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1219.97	1119.34	-100.63
6	RTPP Stage-II	420	36.22%	252.92	231.08	-21.84	238.95	238.96	0.01	976.27	1017.23	40.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1215.22	1256.19	40.97
7	RTPP Stage-III	210	36.22%	126.46	104.78	-21.68	154.43	154.42	0.00	488.14	463.09	-25.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	642.56	617.52	-25.04
8	RTPP Stage-IV	600	36.22%	394.82	284.08	-110.74	681.43	681.42	-0.01	1445.04	1115.76	-329.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2126.47	1797.17	-329.29
9	TOTAL (Thermal)	3410		2091.15	1851.70	-239.45	2224.33	2224.32	-0.01	7381.58	7047.82	-333.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9605.91	9272.13	-333.78
10	Srisailem -RBPH	770	36.22%	17.84	-0.33	-18.17	205.83	205.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205.83	205.83	0.00
11	NSRCPH	90	36.22%	0.25	4.23	3.98	23.63	23.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.63	23.62	0.00
12	NTSPDC PH	50	36.22%	1.08	1.24	0.16	45.38	45.37	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.38	45.37	-0.01
13	Sileru Complex	725	36.22%	126.38	128.93	2.55	221.38	221.39	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	221.38	221.39	0.01
14	Pennaahobilam	20	36.22%	0.00	-0.03	-0.03	12.25	12.24	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.25	12.24	-0.01
15	Mini Hydrel (Chettipeta)	1	36.22%	0.08	0.16	0.08	1.65	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	1.65	0.00
16	GENCO-HYDEL	1656		145.63	134.20	-11.43	510.10	510.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	510.10	510.10	0.00
17	Inter-state hydrel(AP SHARE)	141.6	36.22%	34.59	26.01	-8.58	58.65	58.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.65	58.65	0.00
18	APGENCO-TOTAL	5207.6		2271.37	2011.90	-259.47	2793.08	2793.06	-0.01	7381.58	7047.82	-333.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10174.66	9840.88	-333.78
19	NTPC (SR) Ramagundam I & II	2100	4.96%	156.59	180.12	23.53	125.80	123.40	-2.40	410.27	677.75	267.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	536.07	801.15	265.09
20	NTPC (SR) Simhadri Stage 1	1000	16.70%	251.20	316.70	65.50	275.98	441.81	165.84	753.60	1247.72	494.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1029.58	1689.54	659.96
21	NTPC (SR) Simhadri Stage 2	1000	7.60%	101.72	110.23	8.51	197.05	295.85	98.80	306.18	416.99	110.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	503.23	712.85	209.62
22	NTPC (SR) Talcher St. II	2000	3.26%	115.58	125.79	10.21	79.45	94.74	15.29	199.95	221.25	21.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	279.40	315.99	36.59
23	NTPC (SR) Ramagundam Stage-III	500	5.24%	43.26	39.94	-3.32	36.53	35.23	-1.29	111.61	126.03	14.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148.14	161.26	13.13
24	NTPC Kudgi Stage 1	2400	3.69%	0.00	143.65	143.65	0.00	238.35	238.35	0.00	754.70	754.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	993.05	993.05
25	NTPC DADRI & MOUDHA			0.00	0.00	0.00	0.00	-1.01	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.01	-1.01
26	NTECL Valluru	1500	2.08%	0.00	60.96	60.96	0.00	103.70	103.70	0.00	221.08	221.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	324.78	324.78
27	NLC Stage-I	630	2.69%	17.06	29.42	12.36	20.13	17.99	-2.13	44.70	79.75	35.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.82	97.74	32.92
28	NLC Stage-II	840	3.69%	29.89	52.42	22.53	38.23	35.19	-3.04	78.91	141.99	63.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.13	177.18	60.04
29	NPC (MAPS)	440	1.49%	4.26	4.42	0.16	2.38	0.00	-2.38	11.59	11.90	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.96	11.90	-2.07
30	NPC (Kaiga Unit-I,II)	880	4.70%	73.86	82.75	8.89	3.15	0.00	-3.15	271.07	301.09	30.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	274.22	301.09	26.87	
31	NPC (Kaiga Unit-III & IV)																							
32	NTPL (NLC Tamilnadu Power Ltd Stage-1)(TUTICORIN)	1000	4.39%	0.00	71.11	71.11	0.00	103.80	103.80	0.00	284.53	284.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	388.33	388.33	
33	NLC NTTPS	1000	1.91%	0.00	34.15	34.15	0.00	59.56	59.56	0.00	74.92	74.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	134.48	134.48
34	CGS TOTAL	15290		793.42	1251.64	458.22	778.68	1548.63	769.95	2187.87	4559.71	2371.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2966.54	6108.34	3141.80
35	JNNSM PH-I THERMAL			28.80	23.22	-5.58	46.40	24.09	-22.31	82.94	90.89	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.34	114.98	-14.36
36	NCE -OTHERS	309.66	30.00%	44.45	24.20	-20.25	0.00	7.18	7.18	251.14	148.08	-103.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	251.14	155.26	-95.88
37	NCE-SOLAR Total	1466.43	1.00%	3.87	3.98	0.11	0.00	0.00	0.00	17.42	25.99	8.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.42	25.99	8.58
38	Total NCE	1776.09		48.32	28.18	-20.14	0.00	7.18	7.18	268.56	174.08	-94.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	268.56	181.26	-87.30
39	Godavari Gas	216	36.22%	49.02	46.27	-2.75	22.65	16.99	-5.66	121.57	267.49	145.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.22	284.48	140.26
40	Thermal Powertech Corporation India	1240	6.73%	151.95	148.02	-3.93	244.80	238.12	-6.68	341.89	332.82	-9.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	586.69	570.95	-15.74
41	SDSTPS (APPDCL)-STAGE 1	1600	32.60%	1096.95	446.58	-650.37	1612.88	725.54	-887.34	3444.42	1402.27	-2042.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5057.30	2127.81	-2929.49
42	HNPCL	1040	36.22%	691.81	364.55	-327.26	695.03	386.42	-308.60	1909.40	1006.16	-903.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2604.42	1392.58	-1211.84
43	Total Others	4096		1989.73	1005.42	-984.3																		

Annexure - V

FPPCA FORMAT for the month of Q2 FY 23-SPDCL

S.No.	Generating station/ Stage/Source	Plant capacity (MW)	Discom's share (%)	Energy (MU)			Cost Components (Rs.Millions)															Total						
				TO (a)	Actual (b)	Variance (c)= (b-a)	Fixed (A)			Variable (B)			Incentive (C)			Income Tax (D)			Others (E)			F=(A+B+C+D+E)						
							TO (d)	Actual (e)	Variance (f)= (e-d)	TO (g)	Actual (h)	Variance (i)= (h-g)	TO (j)	Actual (k)	Variance (l)= (k-j)	TO (m)	Actual (n)	Variance (o)= (n-m)	TO (p)	Actual (q)	Variance (r)= (q-p)	TO (s)	Actual (t)	Variance (u)= (t-s)				
1	Dr.NTTPS-I	420	40.44%	202.93	200.83	-2.10	240.52	240.51	0.00	677.79	670.76	-7.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	918.30	911.27	-7.03		
2	Dr.NTTPS-II	420	40.44%	202.93	200.83	-2.10	240.52	240.51	0.00	677.79	670.76	-7.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	918.30	911.27	-7.03		
3	Dr.NTTPS-III	420	40.44%	202.93	200.83	-2.10	240.52	240.51	0.00	677.79	670.76	-7.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	918.30	911.27	-7.03		
4	Dr.NTTPS-IV	500	40.44%	344.53	261.68	-82.85	289.83	289.81	-0.01	1085.27	824.30	-260.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1375.09	1114.12	-260.98		
5	RTPP Stage-I	420	40.44%	2.69	175.51	172.82	272.10	272.09	-0.01	10.38	677.45	667.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	282.48	949.54	667.06		
6	RTPP Stage-II	420	40.44%	0.00	254.87	254.87	266.80	266.80	0.00	0.00	983.81	983.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	266.80	1250.61	983.81		
7	RTPP Stage-III	210	40.44%	0.00	119.26	119.26	172.43	172.42	-0.01	0.00	460.33	460.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.43	632.75	460.32		
8	RTPP Stage-IV	600	40.44%	150.17	167.83	17.66	760.80	318.26	-442.54	549.62	613.82	64.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1310.42	932.08	-378.34		
9	TOTAL (Thermal)	3410		1106.18	1581.62	475.44	2483.50	2040.92	-442.58	3678.63	5571.99	1893.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6162.13	7612.91	1450.78			
10	Srisaïlam -RBPB	770	40.44%	209.27	405.67	196.40	229.80	229.81	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	229.80	229.81	0.01		
11	NSRCPH	90	40.44%	12.38	31.34	18.96	26.38	26.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.38	26.38	0.00		
12	NSTPDC PH	50	40.44%	10.12	7.30	-2.82	50.65	50.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.65	50.65	0.00		
13	Sileru Complex	725	40.44%	157.78	162.66	4.88	247.18	247.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	247.18	247.18	0.00		
14	Pennaahobilam	20	40.44%	0.62	1.84	1.22	13.68	13.67	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.68	13.67	-0.01		
15	Mini Hydel (Chettipeta)	1	40.44%	0.40	0.23	-0.17	1.85	1.84	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.85	1.84	-0.01		
16	GENCO-HYDEL	1656		390.57	609.03	218.46	569.53	569.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	569.53	569.53	0.00		
17	Inter-state hydel(AP SHARE)	141.6	40.44%	59.53	53.56	-5.97	65.48	65.48	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.48	65.48	0.01		
18	APGENCO-TOTAL	5207.6		1556.28	2244.22	687.94	3118.50	2675.93	-442.57	3678.63	5571.99	1893.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6797.13	8247.92	1450.78		
19	NTPC (SR) Ramagundam I & II	2100	5.54%	187.20	235.93	48.73	140.45	145.49	5.04	490.46	1172.02	681.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	630.91	1317.51	686.60		
20	NTPC (SR) Simhadri Stage 1	1000	18.65%	337.35	338.71	1.36	308.13	304.47	-3.65	1012.05	1600.74	588.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1320.18	1905.22	585.04		
21	NTPC (SR) Simhadri Stage 2	1000	8.48%	152.75	131.74	-21.01	220.00	241.97	21.97	459.78	624.26	164.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	679.78	866.23	186.45		
22	NTPC (SR) Talcher St. II	2000	3.64%	102.88	137.16	34.28	88.73	99.99	11.26	177.98	318.36	140.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	266.71	418.34	151.64		
23	NTPC (SR) Ramagundam Stage-III	500	5.85%	48.30	32.66	-15.64	40.80	25.37	-15.43	124.61	166.09	41.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	165.41	191.46	26.05		
24	NTPC Kudgi Stage 1	2400	4.12%	0.00	170.59	170.59	0.00	313.18	313.18	0.00	1084.22	1084.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1397.39	1397.39	0.00	
25	NTPC DADRI & MOUDHA			0.00	0.00	0.00	0.00	-1.68	-1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.68	-1.68	0.00	
26	NTECL Valluru	1500	2.32%	0.00	49.23	49.23	0.00	126.78	126.78	0.00	186.17	186.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	312.95	312.95	0.00	
27	NLC Stage-I	630	3.00%	13.85	17.24	3.39	22.48	11.95	-10.52	36.29	47.83	11.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.76	59.78	1.02		
28	NLC Stage-II	840	4.12%	36.78	55.97	19.19	42.68	41.19	-1.49	97.10	155.04	57.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.77	196.22	56.45		
29	NPC (MAPS)	440	1.67%	4.83	6.15	1.32	2.65	0.00	-2.65	13.14	16.19	3.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.79	16.19	0.40		
30	NPC (Kaiga Unit-I,II)																											
31	NPC (Kaiga Unit-III & IV)	880	5.24%	82.47	87.77	5.30	3.53	0.00	-3.53	302.66	307.40	4.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	306.19	307.40	1.21		
32	NTPL (NLC Tamilnadu Power Ltd Stage-1)(TUTICORIN)	1000	4.91%	0.00	65.75	65.75	0.00	133.93	133.93	0.00	280.47	280.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	414.40	414.40	0.00	
33	NLC NNTPS	1000	2.13%	0.00	38.76	38.76	0.00	67.47	67.47	0.00	86.24	86.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	153.70	153.70	0.00	
34	CGS TOTAL	15290		966.41	1367.65	401.24	869.43	1510.10	640.67	2714.08	6045.03	3330.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3583.50	7555.13	3971.63		
35	JNNSM PH-1 THERMAL			32.16	18.60	-13.56	51.80	33.01	-18.79	92.62	108.34	15.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.42	141.35	-3.07		
36	NCE-WIND TOTAL	3766.6	100%	2933.90	3128.48	194.58	0.00	0.00	0.00	13789.33	14720.17	930.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13789.33	14720.17	930.84		
37	NCE -OTHERS	309.66	39.87%	16.94	37.51	20.57	0.00	0.00	0.00	95.71	145.41	49.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.71	145.41	49.69		
38	NCE-SOLAR Total	1466.43	97.24%	992.42	1060.44	68.02	0.00	0.00	0.00	4465.89	4544.80	78.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4465.89	4544.80	78.91		
39	JNNSM PH-1 SOLAR	39	100%	12.00	7.11	-4.89	0.00	0.00	0.00	128.40	75.23	-53.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.40	75.23	-53.17		
40	JNNSM PH-2 SOLAR	1250	100%	561.55	593.07	31.52	0.00	0.00	0.00	2526.98	2637.16	110.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2526.98	2637.16	110.19		
41	Total NCE	6831.69		4516.81	4826.60	309.79	0.00	0.00	0.00	21006.31	22122.76	1116.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21006.31	22122.76	1116.46		
42	Godavari Gas	216	40.44%	28.16	39.16	11.00	25.28	42.19	16.92	69.84	225.49	155.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.11	267.68	172.57		

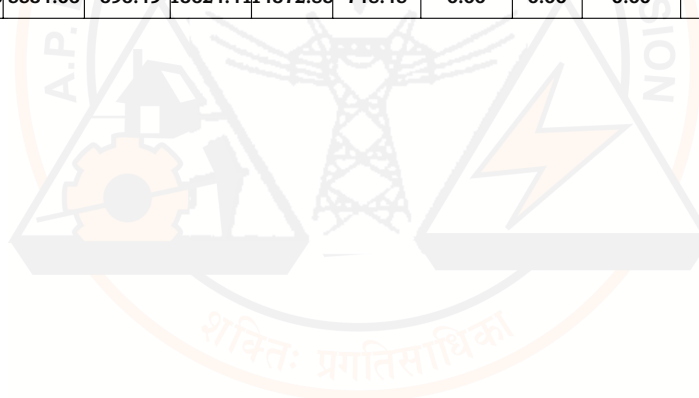
43	Thermal Powertech Corporation India	1240	7.52%	169.65	181.64	11.99	273.33	284.97	11.64	381.71	412.18	30.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	655.04	697.15	42.11
44	SDSTPS (APPDCL)-STAGE 1	1600	36.40%	1238.21	650.20	-588.01	1800.78	1035.98	-764.80	3887.98	2041.62	-1846.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5688.75	3077.60	-2611.15
45	Hinduja National Power Limited (HNPL)	1040	40.44%	696.38	473.13	-223.25	776.00	650.46	-125.54	1922.01	1320.54	-601.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2698.01	1971.00	-727.01
46	Total Others	4096		2132.40	1344.13	-788.27	2875.38	2013.59	-861.78	6261.54	3999.84	-2261.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9136.91	6013.43	-3123.48
47	JNNM PH-II THERMAL			0.00	0.00	0.00	0.00	1.57	1.57	0.00	0.90	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	2.48
48	UI CHARGES			0.00	8.29	8.29	0.00	0.00	0.00	0.00	200.39	200.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.39	200.39
49	Short Term Purchases			0.00	589.48	589.48	0.00	26.87	26.87	0.00	3808.90	3808.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3835.77	3835.77
50	Short Term Sales			0.00	-317.36	-317.36	0.00	0.00	0.00	0.00	-1293.74	-1293.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1293.74	-1293.74
51	Sale to EPDCL			1421.70	2245.57	823.87	0.00	0.00	0.00	6255.48	10436.45	4180.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6255.48	10436.45	4180.97
52	Sale to CPDCL			808.12	820.39	12.27	0.00	0.00	0.00	3555.73	3813.61	257.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3555.73	3813.61	257.88
53	Net Dispatch	31425.3		6974	7015.7	41.42	6915.10	6261.07	-654.03	23941.97	26314.34	2372.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30857.07	32575.42	1718.35
54	TRANSMISSION COST			0.00	0.00	0.00	3015.75	2725.87	-289.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3015.75	2725.87	-289.88
55	SLDC COST			0.00	0.00	0.00	116.68	135.34	18.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.68	135.34	18.67
56	PGCIL			0.00	0.00	0.00	820.43	542.55	-277.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	820.43	542.55	-277.88
57	ULDC COST			0.00	0.00	0.00	5.05	3.28	-1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.05	3.28	-1.77
58	TOTAL TRANSMISSION & ULDC CHARGES			0.00	0.00	0.00	3957.90	3407.04	-550.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3957.90	3407.04	-550.86
59	Past claims/refunds, if any, pertaining to the quarters(s) prior to the quarter for which FPPCA is being filed			0.00	-59.07	-59.07	0.00	10.12	10.12	0.00	-1473.20	-1473.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1463.09	-1463.09
60	TOTAL POWER PURCHASE	31425.29		6974.24	6956.59	-17.65	10873.00	9678.23	-1194.77	23941.97	24841.14	899.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34814.97	34519.37	-295.59



Annexure - VI
FPPCA FORMAT for the month of Q2 FY23-CPDCL

S. No.	Generating station/ Stage/Source	Plant capacity (MW)	Disco m's share (%)	Energy (MU)			Cost Components (Rs.Millions)																				
							Fixed (A)			Variable (B)			Incentive (C)			Income Tax (D)			Others (E)			Total F=(A+B+C+D+E)					
				TO	Actual	Variance	TO	Actual	Variance	TO	Actual	Variance	TO	Actual	Variance	TO	Actual	Variance	TO	Actual	Variance	TO	Actual	Variance	TO	Actual	Variance
				(a)	(b)	(c)= (b-a)	(d)	(e)	(f)= (e-d)	(g)	(h)	(i)= (h-g)	(j)	(k)	(l)= (k-j)	(m)	(n)	(o)= (n-m)	(p)	(q)	(r)= (q-p)	(s)	(t)	(u)= (t-s)			
1	Dr.NTTPS-I	420	23.34%	151.34	115.91	-35.44	138.82	138.81	0.00	505.49	387.13	-118.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	644.30	525.94	-118.36			
2	Dr.NTTPS-II	420	23.34%	151.34	115.91	-35.44	138.82	138.81	0.00	505.49	387.13	-118.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	644.30	525.94	-118.36			
3	Dr.NTTPS-III	420	23.34%	151.34	115.91	-35.44	138.82	138.81	0.00	505.49	387.13	-118.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	644.30	525.94	-118.36			
4	Dr.NTTPS-IV	500	23.34%	198.84	151.03	-47.81	167.28	167.27	-0.01	626.35	475.75	-150.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	793.62	643.01	-150.61			
5	RTPP Stage-I	420	23.34%	151.34	101.29	-50.05	157.03	157.04	0.01	584.17	390.99	-193.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	741.20	548.03	-193.17			
6	RTPP Stage-II	420	23.34%	164.77	147.10	-17.67	153.98	153.99	0.01	636.01	567.81	-68.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	789.99	721.79	-68.20			
7	RTPP Stage-III	210	23.34%	68.95	68.83	-0.12	99.50	99.51	0.01	266.15	265.68	-0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	365.65	365.19	-0.46			
8	RTPP Stage-IV	600	23.34%	257.21	96.86	-160.35	439.10	183.68	-255.42	941.39	354.27	-587.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1380.49	537.95	-842.54			
9	TOTAL (Thermal)	3410		1295.14	912.84	-382.30	1433.33	1177.92	-255.41	4570.53	3215.88	-1354.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6003.85	4393.80	-1610.05				
10	Srisailem -RBPH	770	23.34%	120.78	234.14	113.36	132.63	132.64	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.63	132.64	0.01			
11	NSRCPH	90	23.34%	7.15	18.09	10.94	15.23	15.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.23	15.22	0.00			
12	NSTPDC PH	50	23.34%	5.83	4.21	-1.62	29.23	29.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.23	29.23	0.00			
13	Sileru Complex	725	23.34%	91.06	93.88	2.82	142.65	142.66	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.65	142.66	0.01				
14	Pennaahobilam	20	23.34%	0.36	1.06	0.70	7.90	7.89	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.90	7.89	-0.01				
15	Mini Hydrel (Chettipeta)	1	23.34%	0.24	0.13	-0.11	1.05	1.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05	1.06	0.01				
16	Genco-Hydel	1656		225.42	351.50	126.08	328.68	328.70	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	328.68	328.70	0.03				
17	Inter-state hydrel(AP SHARE)	141.6	23.34%	34.37	30.91	-3.46	37.80	37.79	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.80	37.79	-0.01			
18	APGENCO-TOTAL	5207.6		1554.93	1295.25	-259.68	1799.80	1544.42	-255.38	4570.53	3215.88	-1354.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6370.33	4760.30	-1610.03				
19	NTPC (SR) Ramagundam I & II	2100	3.20%	108.03	136.17	28.14	81.08	83.97	2.89	283.04	676.44	393.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	364.11	760.40	396.29			
20	NTPC (SR) Simhadri Stage 1	1000	10.76%	194.70	195.49	0.79	177.85	175.73	-2.12	584.10	923.87	339.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	761.95	1099.60	337.65			
21	NTPC (SR) Simhadri Stage 2	1000	4.90%	88.17	76.04	-12.13	126.98	139.74	12.77	265.39	360.29	94.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	392.37	500.03	107.67			
22	NTPC (SR) Talcher St. II	2000	2.10%	59.38	79.16	19.78	51.20	57.71	6.51	102.73	183.74	81.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	153.93	241.45	87.52			
23	NTPC (SR) Ramagundam Stage-III	500	3.37%	27.87	18.85	-9.02	23.55	14.64	-8.91	71.90	95.86	23.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.45	110.50	15.05			
24	NTPC Kudgi Stage 1	2400	2.38%	0.00	98.46	98.46	0.00	180.75	180.75	0.00	625.76	625.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	806.51	806.51			
25	NTPC DADRI & MOUDHA			0.00	0.00	0.00	0.00	-0.99	-0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.99	-0.99			
26	NTECL Valluru	1500	1.34%	0.00	28.41	28.41	0.00	73.17	73.17	0.00	107.45	107.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180.62	180.62			
27	NLC Stage-I	630	1.73%	8.00	9.95	1.95	12.98	6.90	-6.08	20.96	27.60	6.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.94	34.50	0.57			
28	NLC Stage-II	840	2.38%	21.23	32.30	11.07	24.63	23.77	-0.85	56.05	89.48	33.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.67	113.25	32.58			
29	NPC (MAPS)	440	0.96%	2.78	3.55	0.77	1.53	0.00	-1.53	7.56	9.34	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.09	9.34	0.26			
30																											
31	NPC (Kaiga Unit-I,II)	880	3.03%	47.58	50.66	3.08	2.03	0.00	-2.03	174.62	177.42	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176.64	177.42	0.77			
32	NTPL (NLC Tamilnadu Power Ltd Stage-1) (TUTICORIN)	1000	2.83%	0.00	37.94	37.94	0.00	77.30	77.30	0.00	161.87	161.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	239.17	239.17			
33	NLC NNTPS	1000	1.23%	0.00	22.37	22.37	0.00	38.94	38.94	0.00	49.77	49.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.71	88.71			
34	CGS TOTAL	15290		557.74	789.34	231.60	501.80	871.63	369.83	1566.35	3488.90	1922.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2068.15	4360.52	2292.37				
35	JNNM PH-1			18.57	10.73	-7.84	29.90	19.05	-10.85	53.48	60.25	6.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.38	79.30	-4.08			
36	NCE -OTHERS	309.66	29.78%	39.26	36.82	-2.44	0.00	0.00	0.00	221.82	225.10	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	221.82	225.10	3.28			
37	NCE-SOLAR Total	1466.43	1.91%	9.48	9.26	-0.22	0.00	0.00	0.00	42.66	66.63	23.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.66	66.63	23.97			
38	Total NCE	1776.09		48.74	46.08	-2.66	0.00	0.00	0.00	264.48	291.73	27.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	264.48	291.73	27.25			

39	Godavari Gas	216	23.34%	16.25	22.60	6.35	14.60	24.35	9.75	40.30	130.14	89.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.90	154.49	99.59
40	Thermal Powertech Corporation India	1240	4.34%	97.92	104.83	6.91	157.75	164.47	6.72	220.32	237.89	17.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	378.07	402.36	24.29
41	SDSTPS (APPDCL)-STAGE 1	1600	21.01%	714.63	375.26	-339.37	1039.33	597.92	-441.41	2243.94	1178.32	-1065.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3283.26	1776.24	-1507.02
42	HNPCL	1040	23.34%	401.91	273.07	-128.85	447.88	375.41	-72.46	1109.28	762.15	-347.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1557.16	1137.57	-419.59
43	Total Others	4096		1230.71	775.77	-454.95	1659.55	1162.15	-497.40	3613.84	2308.51	-1305.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5273.39	3470.66	-1802.73
44	JNNSM PH-II			0.00	0.00	0.00	0.00	0.92	0.92	0.00	0.55	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48	1.48
45	UI CHARGES			0.00	4.79	4.79	0.00	0.00	0.00	0.00	115.66	115.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115.66	115.66
46	Short Term Purchases			0.00	340.22	340.22	0.00	15.51	15.51	0.00	2198.31	2198.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2213.82	2213.82
47	Short Term sales			0.00	-183.16	-183.16	0.00	0.00	0.00	0.00	-746.69	-746.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-746.69	-746.69
48	Purchase from SPDCL			808.12	820.39	12.27	0.00	0.00	0.00	3555.73	3813.61	257.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3555.73	3813.61	257.88
49	Net Dispatch	6369.6	0.00%	4218.81	3899.41	-319.41	3991.05	3613.67	-377.38	13624.41	14746.71	1122.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17615.46	18360.38	744.93
50	TRANSMISSION COST			0.00	0.00	0.00	1740.33	1573.12	-167.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1740.33	1573.12	-167.20
51	SLDC COST			0.00	0.00	0.00	22.75	26.37	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.75	26.37	3.62
52	PGCIL			0.00	0.00	0.00	473.50	313.13	-160.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	473.50	313.13	-160.37
53	ULDC COST			0.00	0.00	0.00	2.93	1.89	-1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.93	1.89	-1.03
54	TOTAL TRANSMISSION & ULDC CHARGES			0.00	0.00	0.00	2239.50	1914.52	-324.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2239.50	1914.52	-324.98
55	Past claims/refunds, if any, pertaining to the quarters(s) prior to the quarter for which FPPCA is being filed			0.00	-5.47	-5.47	0.00	5.86	5.86	0.00	-373.86	-373.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-367.99	-367.99
56	TOTAL POWER PURCHASE			4218.81	3893.94	-324.88	6230.55	5534.06	-696.49	13624.41	14372.85	748.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19854.96	19906.91	51.95



ANNEXURE-VII

FPPCA FORMAT for Q2 FY 23-EPDCL

S.No.	Generating station/ Stage/Source	Plant capacity (MW)	Discom's share (%)	Energy (MU)			Cost Components (Rs.Millions)																		
							Fixed (A)			Variable (B)			Incentive (C)			Income Tax (D)			Others (E)			Total F=(A+B+C+D+E)			
				TO (a)	Actual (b)	Variance (c)= (b-a)	TO (d)	Actual (e)	Variance (f)= (e-d)	TO (g)	Actual (h)	Variance (i)= (h-g)	TO (j)	Actual (k)	Variance (l)= (k-j)	TO (m)	Actual (n)	Variance (o)=	TO (p)	Actual (q)	Variance (r)=	TO (s)	Actual (t)	Variance (u)= (t-s)	
1	Dr.NTTPS-I	420	36.22%	234.86	179.87	-54.99	215.42	215.42	0.00	784.44	600.76	-183.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.86	816.18	-183.68
2	Dr.NTTPS-II	420	36.22%	234.86	179.87	-54.99	215.42	215.42	0.00	784.44	600.76	-183.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.86	816.18	-183.68
3	Dr.NTTPS-III	420	36.22%	234.86	179.87	-54.99	215.42	215.42	0.00	784.44	600.76	-183.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.86	816.18	-183.68
4	Dr.NTTPS-IV	500	36.22%	308.59	234.38	-74.21	259.58	259.57	0.00	972.06	738.29	-233.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1231.63	997.86	-233.78
5	RTPP Stage-I	420	36.22%	234.86	157.19	-77.67	243.70	243.70	0.00	906.56	606.76	-299.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1150.26	850.46	-299.80
6	RTPP Stage-II	420	36.22%	255.70	228.28	-27.42	238.95	238.96	0.01	987.00	881.15	-105.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1225.95	1120.11	-105.84
7	RTPP Stage-III	210	36.22%	107.01	106.81	-0.20	154.43	154.42	0.00	413.06	412.30	-0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	567.48	566.72	-0.76
8	RTPP Stage-IV	600	36.22%	399.16	150.31	-248.85	681.43	285.05	-396.38	1460.93	549.77	-911.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2142.35	834.82	-1307.53
9	TOTAL (Thermal)	3410		2009.91	1416.58	-593.33	2224.33	1827.95	-396.38	7092.93	4990.54	-2102.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9317.26	6818.49	-2498.77
10	Srisaïlam -RBPH	770	36.22%	187.44	363.34	175.90	205.83	205.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205.83	205.83	0.00
11	NSRCPH	90	36.22%	11.09	28.07	16.98	23.63	23.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.63	23.62	0.00
12	NSTPDC PH	50	36.22%	9.06	6.54	-2.52	45.38	45.37	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.38	45.37	-0.01
13	Sileru Complex	725	36.22%	141.31	145.68	4.37	221.38	221.39	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	221.38	221.39	0.01
14	Pennaahobilam	20	36.22%	0.56	1.65	1.09	12.25	12.24	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.25	12.24	-0.01
15	Mini Hydrel (Chettipeta)	1	36.22%	0.37	0.20	-0.17	1.65	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	1.65	0.00
16	GENCO-HYDEL	1656		349.83	545.48	195.65	510.10	510.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	510.10	510.10	0.00
17	Inter-state hydrel(AP SHARE)	141.6	36.22%	53.34	47.97	-5.37	58.65	58.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.65	58.65	0.00
18	APGENCO-TOTAL	5207.6		2413.08	2010.03	-403.05	2793.08	2396.69	-396.39	7092.93	4990.54	-2102.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9886.01	7387.23	-2498.78
19	NTPC (SR) Ramagundam I & II	2100	4.96%	167.66	211.31	43.65	125.80	130.31	4.51	439.27	1049.72	610.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	565.07	1180.03	614.96
20	NTPC (SR) Simhadri Stage 1	1000	16.70%	302.14	303.36	1.22	275.98	272.70	-3.27	906.42	1433.70	527.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1182.40	1706.40	524.01
21	NTPC (SR) Simhadri Stage 2	1000	7.60%	136.80	118.00	-18.80	197.05	216.10	19.05	411.77	559.12	147.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	608.82	775.21	166.40
22	NTPC (SR) Talcher St. II	2000	3.26%	92.14	122.84	30.70	79.45	89.56	10.11	159.40	285.13	125.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	238.85	374.69	135.84
23	NTPC (SR) Ramagundam Stage-III	500	5.24%	43.26	29.25	-14.01	36.53	22.73	-13.80	111.61	148.76	37.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148.14	171.48	23.35
24	NTPC Kudgi Stage 1	2400	3.69%	0.00	152.79	152.79	0.00	280.50	280.50	0.00	971.08	971.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1251.57	1251.57
25	NTPC DADRI & MOUDHA			0.00	0.00	0.00	0.00	-1.39	-1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.39	-1.39
26	NTECL Valluru	1500	2.08%	0.00	44.09	44.09	0.00	113.55	113.55	0.00	166.75	166.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	280.29	280.29
27	NLC Stage-I	630	2.69%	12.41	15.44	3.03	20.13	10.70	-9.42	32.51	42.84	10.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.64	53.54	0.90
28	NLC Stage-II	840	3.69%	32.93	50.13	17.20	38.23	36.89	-1.34	86.94	138.86	51.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.16	175.75	50.59
29	NPC (MAPS)	440	1.49%	4.32	5.51	1.19	2.38	0.00	-2.38	11.75	14.50	2.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.13	14.50	0.37

30	NPC (Kaiga Unit-I,II)	880	4.70%	73.86	78.61	4.75	3.15	0.00	-3.15	271.07	275.33	4.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	274.22	275.33	1.11	
31	NPC (Kaiga Unit-III & IV)																									
32	NTPL (NLC Tamilnadu Power Ltd Stage-1)(TUTICORIN)	1000	4.39%	0.00	58.88	58.88	0.00	119.96	119.96	0.00	251.20	251.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	371.16	371.16
33	NLC NNTPS	1000	1.91%	0.00	34.72	34.72	0.00	60.43	60.43	0.00	77.24	77.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.66	137.66
34	CGS TOTAL	15290		865.52	1224.94	359.42	778.68	1352.01	573.34	2430.74	5414.22	2983.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3209.41	6766.23	3556.82	
35	JNNM PH-1 THERMAL			28.80	16.66	-12.14	46.40	29.56	-16.84	82.94	93.49	10.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.34	123.05	-6.29	
36	NCE -OTHERS	309.66	30.00%	44.78	34.02	-10.76	0.00	10.73	10.73	253.01	179.68	-73.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	253.01	190.40	-62.60	
37	NCE-SOLAR Total	1466.43	1.00%	3.24	3.35	0.11	0.00	0.00	0.00	14.58	22.19	7.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.58	22.19	7.61	
38	Total NCE	1776.09		48.02	37.37	-10.65	0.00	10.73	10.73	267.59	201.86	-65.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	267.59	212.59	-54.99	
39	Godavari Gas	216	36.22%	25.21	35.07	9.86	22.65	37.79	15.14	62.52	201.96	139.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.17	239.75	154.58	
40	Thermal Powertech Corporation India	1240	6.73%	151.95	162.69	10.74	244.80	255.23	10.43	341.89	369.17	27.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	586.69	624.40	37.71	
41	SDSTPS (APPDCL)-STAGE 1	1600	32.60%	1109.01	582.35	-526.66	1612.88	927.87	-685.00	3482.29	1828.57	-1653.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5095.17	2756.45	-2338.72	
42	HNPC	1040	36.22%	623.71	423.76	-199.95	695.03	582.58	-112.44	1721.44	1182.74	-538.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2416.46	1765.32	-651.14	
43	Total Others	4096		1909.88	1203.87	-706.01	2575.35	1803.47	-771.88	5608.14	3582.45	-2025.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8183.49	5385.92	-2797.57	
44	JNNM PH-II THERMAL			0.00	0.00	0.00	0.00	1.30	1.30	0.00	0.86	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.16	2.16	
45	UI CHARGES			0.00	7.43	7.43	0.00	0.00	0.00	0.00	179.48	179.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	179.48	179.48	
46	Short Term Purchases			0.00	527.97	527.97	0.00	24.06	24.06	0.00	3411.43	3411.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3435.50	3435.50	
47	Short Term sales			0.00	-284.24	-284.24	0.00	0.00	0.00	0.00	-1158.74	-1158.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1158.74	-1158.74	
48	Purchase from SPDCL			1421.70	2245.57	823.87	0.00	0.00	0.00	6255.48	10436.45	4180.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6255.48	10436.45	4180.97	
49	Net Dispatch	26369.69		6687.00	6989.58	302.58	6193.50	5617.83	-575.67	21737.82	27152.04	5414.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27931.32	32769.87	4838.55	
50	TRANSMISSION COST			0.00	0.00	0.00	2479.13	2240.93	-238.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2479.13	2240.93	-238.20	
51	SLDC COST			0.00	0.00	0.00	35.13	40.74	5.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.13	40.74	5.62	
52	PGCIL			0.00	0.00	0.00	734.83	485.93	-248.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	734.83	485.93	-248.89	
53	ULDC COST			0.00	0.00	0.00	4.53	2.94	-1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.53	2.94	-1.59	
54	TOTAL TRANSMISSION & ULDC CHARGES			0.00	0.00	0.00	3253.60	2770.54	-483.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3253.60	2770.54	-483.06	
55	Past claims/refunds, if any, pertaining to the quarters(s) prior to the quarter for which FPPCA is being filed			0.00	4.82	4.82	0.00	17.47	17.47	0.00	-507.80	-507.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-490.33	-490.33	
56	TOTAL POWER PURCHASE	26369.69		6687.00	6994.40	307.40	9447.10	8405.84	-1041.26	21737.82	26644.24	4906.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31184.92	35050.08	3865.16	

ANNEXURE-VIII

FPPCA FORMAT for APSPDCL Q3 Quarter

S.No.	Generating station/ Stage/Source	Plant capacity (MW)	Discom's share (%)	Energy (MU)						Cost Components (Rs.Millions)														
							Fixed (A)			Variable (B)			Incentive (C)			Income Tax (D)			Others (E)			Total F=(A+B+C+D+E)		
				TO (a)	Actual (b)	Variance (c)= (b-a)	TO (d)	Actual (e)	Variance (f)= (e-d)	TO (g)	Actual (h)	Variance (i)= (h-g)	TO (j)	Actual (k)	Varian ce (l)= (k-j)	TO (m)	Actual (n)	Varian ce (o)= (n-m)	TO (p)	Actual (q)	Varian ce (r)= (q-p)	TO (s)	Actual (t)	Variance (u)= (t-s)
1	Dr.NTTPS-I	420	100.00%	262.22	194.96	-67.26	240.52	240.51	-0.01	875.83	651.20	-224.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1116.34	891.71	-224.64
2	Dr.NTTPS-II	420	100.00%	262.22	194.96	-67.26	240.52	240.51	-0.01	875.83	651.20	-224.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1116.34	891.71	-224.64
3	Dr.NTTPS-III	420	100.00%	262.22	194.96	-67.26	240.52	240.51	-0.01	875.83	651.20	-224.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1116.34	891.71	-224.64
4	Dr.NTTPS-IV	500	100.00%	288.35	310.54	22.19	289.83	289.80	-0.03	908.30	978.18	69.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1198.13	1267.98	69.86
5	RTPP Stage-I	420	100.00%	262.23	159.68	-102.55	272.10	272.10	0.00	1012.21	616.38	-395.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1284.31	888.48	-395.83
6	RTPP Stage-II	420	100.00%	238.95	207.40	-31.55	266.80	266.79	-0.01	922.35	800.56	-121.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1189.15	1067.35	-121.79
7	RTPP Stage-III	210	100.00%	142.75	132.29	-10.46	172.43	172.41	-0.01	551.02	510.65	-40.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	723.44	683.07	-40.37
8	RTPP Stage-IV	600	100.00%	348.77	320.14	-28.63	760.80	760.80	0.00	1276.50	1167.11	-109.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2037.30	1927.91	-109.38
9	TOTAL (Thermal)	3410		2067.72	1714.93	-352.79	2483.50	2483.44	-0.06	7297.85	6026.48	-1271.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9781.35	8509.91	-1271.43	
10	Srisaillam -RBPH	770	100.00%	100.43	298.32	197.89	229.80	229.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	229.80	229.80	0.00	
11	NSRCPH	90	100.00%	19.64	50.56	30.92	26.38	26.37	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.38	26.37	-0.01	
12	NSTPDC PH	50	100.00%	18.20	24.91	6.71	50.65	50.64	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.65	50.64	-0.01	
13	Sileru Complex	725	100.00%	165.15	136.22	-28.93	247.18	247.17	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	247.18	247.17	-0.01	
14	Pennaahobilam	20	100.00%	1.08	3.36	2.28	13.68	13.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.68	13.68	0.00	
15	Mini Hydel (Chettipeta)	1	100.00%	0.16	0.35	0.19	1.85	1.83	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.85	1.83	-0.02	
16	GENCO-HYDEL	1656		304.66	513.72	209.06	569.53	569.50	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	569.53	569.50	-0.03	
17	Inter-state hydel(AP SHARE)	141.6	100.00%	51.25	47.99	-3.26	65.48	65.53	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.48	65.53	0.05	
18	APGENCO-TOTAL	5207.6		2423.63	2276.64	-146.99	3118.50	3118.47	-0.03	7297.85	6026.48	-1271.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10416.35	9144.94	-1271.40	
19	NTPC (SR) Ramagundam I & II	2100	13.71%	187.20	233.82	46.62	140.45	236.83	96.38	490.46	950.66	460.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	630.91	1187.49	556.58	
20	NTPC (SR) Simhadri Stage 1	1000	46.11%	337.35	267.97	-69.38	308.13	642.69	334.57	1012.05	1119.64	107.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1320.18	1762.33	442.16	
21	NTPC (SR) Simhadri Stage 2	1000	20.98%	152.75	157.59	4.84	220.00	341.91	121.91	459.78	644.93	185.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	679.78	986.84	307.06	
22	NTPC (SR) Talcher St. II	2000	9.01%	130.64	124.31	-6.33	88.73	218.80	130.08	226.01	215.52	-10.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	314.73	434.32	119.59	
23	NTPC (SR) Ramagundam Stage-III	500	14.46%	48.30	69.88	21.58	40.80	77.12	36.32	124.61	275.96	151.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	165.41	353.07	187.66	
24	NTPC Kudgi Stage 1	2400	10.19%	0.00	70.72	70.72	0.00	349.76	349.76	0.00	392.33	392.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	742.10	742.10	0.00
25	NTECL Valluru	1500	5.74%	0.00	57.32	57.32	0.00	107.45	107.45	0.00	189.91	189.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	297.36	297.36	0.00
26	NLC Stage-I	630	7.41%	19.23	17.76	-1.47	22.48	12.89	-9.59	50.38	48.47	-1.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.86	61.36	-11.50	
27	NLC Stage-II	840	10.19%	27.63	29.13	1.50	42.68	40.88	-1.79	72.94	79.69	6.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115.62	120.57	4.96	
28	NPC (MAPS)	440	4.12%	4.83	6.73	1.90	2.65	0.00	-2.65	13.14	17.58	4.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.79	17.58	1.79	
29	NPC (Kaiga Unit-I,II)	880	12.97%	82.47	83.09	0.62	3.53	0.00	-3.53	302.66	290.51	-12.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	306.19	290.51	-15.68	
30	NPC (Kaiga Unit-III & IV)	880		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	NTPC (NLC Tamilnadu Power Ltd Stage-I)(TUTICORIN)	1000	12.13%	0.00	64.26	64.26	0.00	137.60	137.60	0.00	282.64	282.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	420.24	420.24	0.00
32	NLC NNTPS	1000	5.27%	0.00	29.48	29.48	0.00	65.62	65.62	0.00	64.99	64.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130.61	130.61	0.00
33	NLC TPS I EXP	100		0.00	2.62	2.62	0.00	2.40	2.40	0.00	6.41	6.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.81	8.81	0.00	
34	NLC TPS II EXP(EP)			0.00	0.77	0.77	0.00	1.82	1.82	0.00	2.04	2.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.86	3.86	0.00	
35	NPCIL(Kudamkulam)			0.00	1.18	1.18	0.00	0.00	0.00	0.00	5.19	5.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.19	5.19	0.00	
36	CGS TOTAL	15290		990.40	1216.64	226.24	869.43	2235.78	1366.36	2752.04	4586.48	1834.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3621.47	6822.26	3200.79	
37	JNNSM PH-1 THERMAL	**		32.16	18.95	-13.21	51.80	43.35	-8.45	92.62	79.36	-13.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.42	122.71	-21.71	
38	NCE-WIND TOTAL	3766.6	100%	1150.82	281.51	-869.31	0.00	0.00	0.00	5408.85	1332.16	-4076.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5408.85	1332.16	-4076.70	
39	NCE-OTHERS	309.66	100.00%	49.55	42.11	-7.44	0.00	6.35	6.35	279.96	197.23	-82.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	279.96	203.58	-76.38	
40	NCE-SOLAR Total	2466.43	100.00%	964.66	421.51	-543.15	0.00	0.44	0.44	4340.97	1761.33	-2579.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4340.97	1761.77	-2579.20	
41	JNNSM PH-1 SOLAR	39	100%	12.37	3.52	-8.85	0.00	0.00	0.00	132.36	38.19	-94.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.36	38.19	-94.17	
42	JNNSM PH-2 SOLAR	1250	100%	571.20	261.70	-309.50	0.00	0.08	0.08	2570.40	1148.41	-1421.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2570.40	1148.50	-1421.90	
43	Total NCE	7831.69		2748.60	1010.35	-1738.25	0.00	6.87	6.87	12732.54	4477.32	-8255.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12732.54	4484.19	-8248.35	
44	Godavari Gas	216	100.00%	55.38	2.14	-53.24	25.28	28.63	3.35	137.34	23.87	-113.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	162.62	52.50	-110.12	
45	Thermal Powertech Corporation India	1240	18.59%	140.15	187.96	47.81	273.33	281.90	8.58	315.34	437.89	122.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	588.66	770.87	182.21	
46	SDSTPS (APPDCL)-STAGE 1	1600	90.00%	892.81	501.54	-391.27	1800.78	795.45	-1005.33	2803.42	1574.70	-1228.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4604.20	2370.15	-2234.05	
47	HNPLC	1040	100.00%	792.62	466.65	-325.97	776.00	678.21	-97.79	2187.63	1481.90	-705.73	0.00	0.00	0.00									

50	JNSM PH-II THERMAL		0.00	0.00	0.00	0.00	57.12	57.12	0.00	-4.17	-4.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.95	52.95	
51	UI CHARGES		0.00	11.87	11.87	0.00	52.41	52.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.41	52.41	
52	Short Term Purchases		0.00	926.68	926.68	0.00	2.84	2.84	0.00	5544.84	5544.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5547.68	5547.68	
53	Short Term Sales		0.00	58.79	58.79	0.00	0.00	0.00	0.00	226.07	226.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	226.07	226.07	
54	Banking(Import)		0.00	8.64	8.64	0.00	0.00	0.00	0.00	54.24	54.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.24	54.24	
55	D<>D purchase		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
56	Sale to EPDCL		647.51	494.70	-152.81	0.00	0.00	0.00	0.00	2849.04	2366.49	-482.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2849.04	2366.49	-482.56	
57	Sale to CPDCL		417.26	0.00	-417.26	0.00	0.00	0.00	0.00	1835.94	0.00	-1835.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1835.94	0.00	-1835.94	
58	Net Dispatch		7010.98	6074.57	-936.41	6915.10	7301.03	385.93	23633.80	21690.34	-1943.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.08	51.08	30548.90	29042.45	-1506.44
59	TRANSMISSION COST		0.00	0.00	0.00	3015.74	2786.75	-228.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3015.74	2786.75	-228.99	
60	SLDC COST		0.00	0.00	0.00	116.69	97.20	-19.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.69	97.20	-19.49	
61	PGCIL		0.00	0.00	0.00	820.43	1810.03	989.60	0.00	112.50	112.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	820.43	1922.53	1102.10	
62	ULDC COST		0.00	0.00	0.00	5.06	8.81	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.06	8.81	3.76	
63	TOTAL TRANSMISSION & ULDC CHARGES		0.00	0.00	0.00	3957.90	4702.79	744.89	0.00	112.50	112.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3957.90	4815.29	857.39	
64	Past claims/refunds, if any, pertaining tp the quarters(s) prior to the quarter for which FPPCA is being filed		0.00	-296.46	-296.46	0.00	59.90	59.90	0.00	-865.15	-865.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-805.25	-805.25	
65	TOTAL POWER PURCHASE		7010.98	5778.11	-1232.87	10873.00	12063.72	1190.72	23633.80	20937.69	-2696.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.08	51.08	34506.80	33052.49	-1454.31
66	ARREARS		0.00	17.60	17.60	0.00	2885.97	2885.97	0.00	68.13	68.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2954.10	2954.10	
67	NIC Wage revision-1		0.00	0.00	0.00	0.00	8.51	8.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.51	8.51	0.00	
68	NIC Wage revision-2		0.00	0.00	0.00	0.00	15.27	15.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.27	15.27	0.00	
69	NTPC (SR) Simhadri Stage 1		0.00	0.00	0.00	0.00	214.45	214.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	214.45	214.45	0.00	
70	NTPC (SR) Simhadri Stage 2		0.00	0.00	0.00	0.00	94.37	94.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.37	94.37	0.00	
71	NTPC Talcher St-II		0.00	0.00	0.00	0.00	24.97	24.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.97	24.97	0.00	
72	NTPC DADRI & MOUDHA		0.00	0.00	0.00	0.00	4.52	4.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.52	4.52	0.00	
73	Lanco		0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.56	4.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.56	4.56	0.00	
74	APPDCL		0.00	0.00	0.00	0.00	2523.87	2523.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2523.87	2523.87	0.00	
75	Vaayu Phase - I		0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	1.32	0.00	
76	Vaayu Phase -II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.88	0.00	
77	Vaayu Phase -III		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.84	0.00	
78	Vaayu Phase -IV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	2.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	2.47	0.00	
79	Vaayu Phase -V		0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	1.18	0.00	
80	Vaayu Phase -VI		0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98	1.98	0.00	
81	Vaayu Phase -VII		0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	1.58	0.00	
82	KANDALERU		0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.97	6.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.97	6.97	0.00	
83	MYTRAH VAYU (TUNGABHADRA) PVT. LTD 100.6MW		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.17	-5.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.17	-5.17	0.00	
84	BANKED ENERGY		0.00	17.60	17.60	0.00	0.00	0.00	0.00	51.52	51.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.52	51.52	0.00	
85	TOTAL POWER PURCHASE		7010.98	5795.71	-1215.27	10873.00	14949.69	4076.68	23633.80	21005.82	-2627.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.08	51.08	34506.80	36006.59	1499.79

45	Thermal Powertech Corporation India	1240	4.34%	80.89	108.48	27.59	157.75	162.69	4.94	182.00	252.72	70.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.51	29.51	339.75	444.92	105.17
46	SDSTPS (APPDCL)-STAGE 1	1600	21.01%	515.28	289.39	-225.89	1039.33	459.09	-580.24	1617.98	908.84	-709.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2657.30	1367.93	-1289.38
47	HNPCL	1040	23.34%	457.46	269.32	-188.14	447.88	391.42	-56.46	1262.60	855.28	-407.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1710.48	1246.70	-463.78
48	Total Others	4096		1085.58	668.43	-417.16	1659.55	1029.72	-629.83	3141.82	2030.62	-1111.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.51	29.51	4801.37	3089.85	-1711.52
49	Total Dispatch			3126.26	3278.62	152.36	3991.05	4148.86	157.81	9278.08	10785.76	1507.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.51	29.51	13269.13	14964.13	1695.00
50	JNNSM PH-II THERMAL			0.00	0.00	0.00	0.00	33.11	33.11	0.00	-2.43	-2.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.68	30.68
51	UI CHARGES			0.00	6.85	6.85	0.00	30.24	30.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.24	30.24
52	Short Term Purchases			724.08	534.87	-189.21	0.00	1.64	1.64	3113.54	3200.21	86.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3113.54	3201.85	88.30
53	Short Term Sales			0.00	33.93	33.93	0.00	0.00	0.00	0.00	130.48	130.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130.48	130.48
54	Banking(Import)			0.00	4.99	4.99	0.00	0.00	0.00	0.00	31.30	31.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.30	31.30
55	D<>D purchase			417.26	0.00	-417.26	0.00	0.00	0.00	1835.94	0.00	-1835.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1835.94	0.00	-1835.94
56	D<>D sale			0.00	223.42	223.42	0.00	0.00	0.00	0.00	1069.78	1069.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1069.78	1069.78
57	Net Dispatch			4267.60	3567.98	-699.62	3991.05	4213.86	222.81	14227.57	12814.58	-1412.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.51	29.51	18218.62	17057.95	-1160.67
58	TRANSMISSION COST			0.00	0.00	0.00	1740.33	1608.26	-132.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1740.33	1608.26	-132.07
59	SLDC COST			0.00	0.00	0.00	22.74	18.97	-3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.74	18.97	-3.77
60	PGCIL			0.00	0.00	0.00	473.51	1045.44	571.93	0.00	66.02	66.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	473.51	1111.46	637.95
61	ULDC COST			0.00	0.00	0.00	2.92	5.10	2.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.92	5.10	2.18
62	TOTAL TRANSMISSION & ULDC CHARGES			0.00	0.00	0.00	2239.50	2677.77	438.27	0.00	66.02	66.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2239.50	2743.79	504.29
63	Past claims/refunds, if any, pertaining to the quarters(s) prior to the quarter for which FPPCA is being filed			0.00	-43.16	-43.16	0.00	13.58	13.58	0.00	139.40	139.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	152.98	152.98
64	TOTAL POWER PURCHASE			4267.60	3524.82	-742.78	6230.55	6905.21	674.66	14227.57	13020.00	-1207.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.51	29.51	20458.11	19954.72	-503.39
65	ARREARS			0.00	10.15	10.15	0.00	1689.27	1689.27	0.00	39.34	39.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1728.61	1728.61
66	NIC Wage revision-1			0.00	0.00	0.00	0.00	4.98	4.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.98	4.98	
67	NIC Wage revision-2			0.00	0.00	0.00	0.00	8.97	8.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.97	8.97
68	NTPC (SR) Simhadri Stage 1			0.00	0.00	0.00	0.00	125.84	125.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.84	125.84
69	NTPC (SR) Simhadri Stage 2			0.00	0.00	0.00	0.00	55.46	55.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.46	55.46
70	NTPC Talcher St-II			0.00	0.00	0.00	0.00	14.65	14.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.65	14.65
71	NTPC DADRI & MOUDHA			0.00	0.00	0.00	0.00	2.64	2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.64	2.64
72	Lanco			0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.63	2.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.63	2.63
73	APPDCL			0.00	0.00	0.00	0.00	1476.73	1476.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1476.73	1476.73
74	Vaayu Phase - I			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.76
75	Vaayu Phase -II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.51
76	Vaayu Phase -III			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.49
77	Vaayu Phase -IV			0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	1.42
78	Vaayu Phase -V			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.68
79	Vaayu Phase -VI			0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	1.15
80	Vaayu Phase -VII			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.91
81	KANDALERU			0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.02	4.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.02	4.02
82	MYTRAH VAYU (TUNGABHADRA) PVT. LTD 100.6MW			0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.97	-2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.97	-2.97
83	BANKED ENERGY			0.00	10.15	10.15	0.00	0.00	0.00	0.00	29.74	29.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.74	29.74
84	TOTAL POWER PURCHASE			4267.60	3534.97	-732.63	6230.55	8594.48	2363.93	14227.57	13059.34	-1168.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.51	29.51	20458.11	21683.33	1225.22

ANNEXURE-X

FPPCA FORMAT for APEPDCL Q3 Quarter

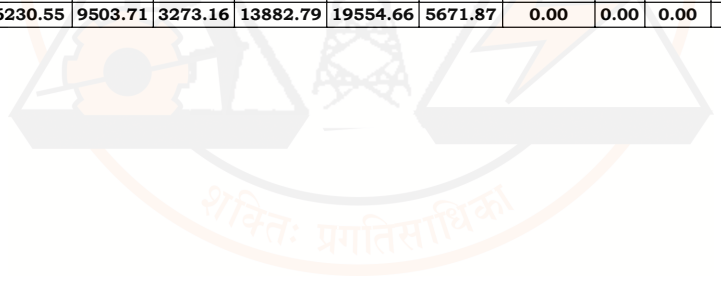
S.No.	Generating station/ Stage/Source	Plant capaci- ty (MW)	Discom's share (%)	Energy (MU)			Cost Components (Rs.Millions)																	
				TO (a)	Actual (b)	Varianc e (c)= (b-a)	Fixed (A)			Variable (B)			Incentive (C)			Income Tax (D)			Others (E)			Total F=(A+B+C+D+E)		
							TO (d)	Actual (e)	Variance (f)= (e-d)	TO (g)	Actual (h)	Variance (i)= (h-g)	TO (j)	Actual (k)	Varian ce (l)= (k-j)	TO (m)	Actual (n)	Varian ce (o)= (n-m)	TO (p)	Actual (q)	Varian ce (r)= (q-p)	TO (s)	Actual (t)	Variance (u)= (t-s)
1	Dr.NTTPS-I	420	100.00%	234.86	174.62	-60.24	215.42	215.43	0.01	784.44	583.23	-201.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.86	798.66	-201.20
2	Dr.NTTPS-II	420	100.00%	234.86	174.62	-60.24	215.42	215.43	0.01	784.44	583.23	-201.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.86	798.66	-201.20
3	Dr.NTTPS-III	420	100.00%	234.86	174.62	-60.24	215.42	215.43	0.01	784.44	583.23	-201.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999.86	798.66	-201.20
4	Dr.NTTPS-IV	500	100.00%	258.27	278.13	19.86	259.58	259.56	-0.01	813.55	876.12	62.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1073.13	1135.69	62.56
5	RTPP Stage-I	420	100.00%	234.86	143.01	-91.85	243.70	243.69	-0.01	906.56	552.05	-354.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1150.26	795.75	-354.51
6	RTPP Stage-II	420	100.00%	214.02	185.76	-28.26	238.95	238.96	0.01	826.12	717.02	-109.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1065.07	955.98	-109.09
7	RTPP Stage-III	210	100.00%	127.85	118.49	-9.36	154.43	154.41	-0.01	493.50	457.37	-36.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	647.93	611.78	-36.14
8	RTPP Stage-IV	600	100.00%	312.38	286.73	-25.65	681.43	681.42	-0.01	1143.31	1045.32	-97.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1824.74	1726.74	-98.00
9	TOTAL (Thermal)	3410		1851.97	1535.99	-315.98	2224.33	2224.32	0.00	6536.37	5397.59	-1138.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8760.69	7621.91	-1138.78
10	Srisaillam -RBPH	770	100.00%	89.94	267.20	177.26	205.83	205.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205.83	205.83	0.00	
11	NSRCPH	90	100.00%	17.60	45.29	27.69	23.63	23.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.63	23.62	0.00	
12	NSTPDC PH	50	100.00%	16.31	22.30	5.99	45.38	45.36	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.38	45.36	-0.01	
13	Sileru Complex	725	100.00%	147.92	122.00	-25.92	221.38	221.39	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	221.38	221.39	0.02	
14	Pennaahobilam	20	100.00%	0.96	2.99	2.03	12.25	12.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.25	12.25	0.00	
15	Mini Hydel (Chettipeta)	1	100.00%	0.15	0.30	0.15	1.65	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	1.65	0.00	
16	GENCO-HYDEL	1656		272.88	460.08	187.20	510.10	510.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	510.10	510.11	0.01
17	Inter-state hydel(AP SHARE)	141.6	100.00%	45.91	42.99	-2.92	58.65	58.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.65	58.65	0.00	
18	APGENCO-TOTAL	5207.6		2170.76	2039.06	-131.70	2793.08	2793.08	0.00	6536.37	5397.59	-1138.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9329.44	8190.67	-1138.78
19	NTPC (SR) Ramagundam I & II	2100	13.71%	167.66	209.42	41.76	125.80	212.12	86.32	439.27	851.55	412.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	565.07	1063.67	498.60	
20	NTPC (SR) Simhadri Stage 1	1000	46.11%	302.14	240.00	-62.14	275.98	575.67	299.70	906.42	1002.80	96.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1182.40	1578.47	396.08	
21	NTPC (SR) Simhadri Stage 2	1000	20.98%	136.80	141.13	4.33	197.05	306.23	109.18	411.77	577.62	165.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	608.82	883.85	275.03	
22	NTPC (SR) Talcher St. II	2000	9.01%	117.01	111.34	-5.67	79.45	195.97	116.52	202.43	193.04	-9.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	281.88	389.01	107.13	
23	NTPC (SR) Ramagundam Stage-III	500	14.46%	43.26	62.59	19.33	36.53	69.11	32.59	111.61	247.15	135.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148.14	316.26	168.13	
24	NTPC Kudgi Stage 1	2400	10.19%	0.00	63.35	63.35	0.00	313.26	313.26	0.00	351.40	351.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	664.66	664.66	0.00
25	NTECL Valluru	1500	5.74%	0.00	51.34	51.34	0.00	96.24	96.24	0.00	170.09	170.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	266.33	266.33	0.00
26	NLC Stage-I	630	7.41%	17.21	15.91	-1.30	20.13	11.54	-8.59	45.09	43.41	-1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.22	54.95	-10.27	
27	NLC Stage-II	840	10.19%	24.74	26.08	1.34	38.23	36.60	-1.63	65.31	71.37	6.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.54	107.97	4.43	
28	NPC (MAPS)	440	4.12%	4.32	6.02	1.70	2.38	0.00	-2.38	11.75	15.75	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.13	15.75	1.62	
29	NPC (Kaiga Unit-I,II)		12.97%																					
30	NPC (Kaiga Unit-III & IV)	880		73.86	74.42	0.56	3.15	0.00	-3.15	271.07	260.20	-10.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	274.22	260.20	-14.02	
31	NTPL (NLC Tamilnadu Power Ltd Stage-1)(TUTICORIN)	1000	12.13%	0.00	57.56	57.56	0.00	123.25	123.25	0.00	253.16	253.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376.41	376.41	0.00
32	NLC NNTPS	1000	5.27%	0.00	26.40	26.40	0.00	58.77	58.77	0.00	58.21	58.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.98	116.98	0.00
33	NLC TPS I EXP	100		0.00	2.34	2.34	0.00	2.15	2.15	0.00	5.74	5.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.89	7.89	0.00
34	NLC TPS II EXP(EP)			0.00	0.69	0.69	0.00	1.63	1.63	0.00	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.45	3.45	0.00
35	NPCL(Kudamkulam)			0.00	1.07	1.07	0.00	0.00	0.00	0.00	4.65	4.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.65	4.65	0.00
36	CGS TOTAL	15290		887.00	1089.65	202.65	778.68	2002.54	1223.87	2464.72	4107.96	1643.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3243.39	6110.50	2867.11	
37	JNNSM PH-1 THERMAL	**		28.80	16.98	-11.82	46.40	38.69	-7.71	82.94	71.07	-11.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.34	109.76	-19.58	
38	NCE-WIND TOTAL	3766.6	100%	0.00	252.14	252.14	0.00	0.00	0.00	0.00	1193.15	1193.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1193.15	1193.15	0.00
39	NCE -OTHERS	309.66	100.00%	46.67	37.71	-8.96	0.00	5.69	5.69	263.69	176.65	-87.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	263.69	182.34	-81.35	
40	NCE-SOLAR Total	2466.43	100.00%	3.26	377.52	374.26	0.00	0.00	0.00	14.67	1577.52	1562.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.67	1577.52	1562.85	
41	JNNSM PH-1 SOLAR	39	100%	0.00	3.15	3.15	0.00	0.00	0.00	0.00	34.20	34.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.20	34.20	0.00
42	JNNSM PH-2 SOLAR	1250	100%	0.00	234.38	234.38	0.00	0.07	0.07	0.00	1028.56	1028.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1028.63	1028.63	0.00
43	Total NCE	7831.69		49.93	904.90	854.97	0.00	5.76	5.76	278.36	4010.08	3731.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	278.36	4015.84	3737.48	

44	Godavari Gas	216	100.00%	49.59	1.92	-47.67	22.65	25.64	2.99	122.98	21.39	-101.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145.63	47.03	-98.60	
45	Thermal Powertech Corporation India	1240	18.59%	125.52	168.38	42.86	244.80	252.48	7.68	282.42	392.19	109.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.74	45.74	527.22	690.41	163.19
46	SDSTPS (APPDCL)-STAGE 1	1600	90.00%	799.64	449.21	-350.43	1612.88	712.44	-900.43	2510.87	1410.37	-1100.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4123.74	2122.81	-2000.93	
47	HNPCL	1040	100.00%	709.91	417.95	-291.96	695.03	607.63	-87.40	1959.35	1327.25	-632.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2654.38	1934.88	-719.50	
48	Total Others	4096		1684.66	1037.46	-647.20	2575.35	1598.19	-977.16	4875.62	3151.20	-1724.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.74	45.74	7450.97	4795.13	-2655.84
49	Total Dispatch			4821.15	5088.06	266.91	6193.50	6438.26	244.76	14238.01	16737.90	2499.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.74	45.74	20431.51	23221.90	2790.39
50	JNNSM PH-II THERMAL			0.00	0.00	0.00	0.00	49.82	49.82	0.00	-3.61	-3.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.21	46.21	
51	UI CHARGES			0.00	10.64	10.64	0.00	47.12	47.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.12	47.12	
52	Short Term Purchases			836.69	829.98	-6.71	0.00	2.54	2.54	3597.77	4966.22	1368.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3597.77	4968.76	1370.99	
53	Short Term Sales			0.00	52.66	52.66	0.00	0.00	0.00	0.00	202.48	202.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	202.48	202.48	
54	Banking(import)			0.00	7.74	7.74	0.00	0.00	0.00	0.00	48.58	48.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.58	48.58	
55	Purchase from APPDCL			647.51	494.70	-152.81	0.00	0.00	0.00	2849.04	2366.49	-482.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2849.04	2366.49	-482.56	
56	Purchase from APCDCL			0.00	223.42	223.42	0.00	0.00	0.00	0.00	1069.78	1069.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1069.78	1069.78	
57	Net Dispatch			6305.35	6601.88	296.53	6193.50	6537.74	344.24	20684.82	24982.87	4298.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.74	45.74	26878.32	31566.35	4688.03
58	TRANSMISSION COST			0.00	0.00	0.00	2479.11	2290.96	-188.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2479.11	2290.96	-188.15	
59	SLDC COST			0.00	0.00	0.00	35.13	29.26	-5.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.13	29.26	-5.87	
60	PGCIL			0.00	0.00	0.00	734.81	1615.61	880.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	734.81	1615.61	880.80	
61	ULDC COST			0.00	0.00	0.00	4.53	7.91	3.38	0.00	93.08	93.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.53	100.99	96.46	
62	TOTAL TRANSMISSION & ULDC CHARGES			0.00	0.00	0.00	3253.58	3943.74	690.16	0.00	93.08	93.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3253.58	4036.82	783.24	
63	Past claims/refunds, if any, pertaining to the quarters(s) prior to the quarter for which FPPCA is being filed			0.00	-71.29	-71.29	0.00	20.98	20.98	0.00	177.20	177.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	198.18	198.18	
64	TOTAL POWER PURCHASE			6305.35	6530.59	225.24	9447.08	10502.46	1055.38	20684.82	25253.15	4568.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.74	45.74	30131.90	35801.35	5669.45
65	ARREARS			0.00	15.76	15.76	0.00	2417.79	2417.79	0.00	61.08	61.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2478.87	2478.87	
66	NIC Wage revision-1			0.00	0.00	0.00	7.02	7.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.02	7.02	
67	NIC Wage revision-2			0.00	0.00	0.00	12.62	12.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.62	12.62	
68	NTPC (SR) Simhadri Stage 1			0.00	0.00	0.00	177.42	177.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177.42	177.42	
69	NTPC (SR) Simhadri Stage 2			0.00	0.00	0.00	78.05	78.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.05	78.05	
70	NTPC Talcher St-II			0.00	0.00	0.00	20.66	20.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.66	20.66	
71	NTPC DADRI & MOUDHA			0.00	0.00	0.00	3.74	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.74	3.74	
72	Lanco			0.00	0.00	0.00	0.00	0.00	0.00	4.09	4.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.09	4.09	
73	APPDCL			0.00	0.00	0.00	2118.28	2118.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2118.28	2118.28	
74	Vaayu Phase - I			0.00	0.00	0.00	0.00	0.00	0.00	1.18	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	1.18	
75	Vaayu Phase -II			0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.79	
76	Vaayu Phase -III			0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.79	
77	Vaayu Phase -IV			0.00	0.00	0.00	0.00	0.00	0.00	2.21	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.21	2.21	
78	Vaayu Phase -V			0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	
79	Vaayu Phase -VI			0.00	0.00	0.00	0.00	0.00	0.00	1.78	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	1.78	
80	Vaayu Phase -VII			0.00	0.00	0.00	0.00	0.00	0.00	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41	1.41	
81	KANDALERU			0.00	0.00	0.00	0.00	0.00	0.00	6.24	6.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.24	6.24	
82	MYTRAH VAYU (TUNGABHADRA) PVT. LTD 100.6MW			0.00	0.00	0.00	0.00	0.00	0.00	-4.62	-4.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.62	-4.62	
83	BANKED ENERGY			15.76	15.76	0.00	0.00	0.00	0.00	46.15	46.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.15	46.15	
84	TOTAL POWER PURCHASE			6305.35	6546.35	241.00	9447.08	12920.25	3473.17	20684.82	25314.23	4629.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.74	45.74	30131.90	38280.22	8148.32

ANNEXURE-XII
FPPCA FORMAT FOR Q4 OF FY 2022-23 - APCPDCL

S. No.	Generating station/ Stage/Source	Plant capacity (MW)	Discom's share (%)	Energy (MU)			Cost Components (Rs.Millions)																		
				TO (a)	Actual (b)	Variance (c)	Fixed (A)			Variable (B)			Incentive (C)			Income Tax (D)			Others (E)			Total F=(A+B+C+D+E)			
							TO (d)	Actual (e)	Variance (f)	TO (g)	Actual (h)	Variance (i)	TO (j)	Actual (k)	Variance (l)	TO (m)	Actual (n)	Variance (o) = (n-m)	TO (p)	Actual (q)	Variance (r)	TO (s)	Actual (t)	Variance (u) = (t-s)	
1	Dr.NTTPS-I	420	23.34%	161.20	158.96	-2.24	138.82	138.81	0.00	538.40	846.46	308.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	677.21	985.27	308.06
2	Dr.NTTPS-II	420	23.34%	161.20	158.96	-2.24	138.82	138.81	0.00	538.40	846.46	308.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	677.21	985.27	308.06
3	Dr.NTTPS-III	420	23.34%	161.20	158.96	-2.24	138.82	138.81	0.00	538.40	846.46	308.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	677.21	985.27	308.06	
4	Dr.NTTPS-IV	500	23.34%	194.52	206.67	12.15	167.28	167.27	-0.01	612.74	988.41	375.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	780.01	1155.67	375.66	
5	RTPP Stage-I	420	23.34%	161.19	118.51	-42.68	157.03	157.04	0.01	622.19	646.25	24.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	779.22	803.29	24.07	
6	RTPP Stage-II	420	23.34%	161.19	163.46	2.27	153.98	153.99	0.01	622.19	887.94	265.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	776.17	1041.93	265.76	
7	RTPP Stage-III	210	23.34%	80.59	71.40	-9.19	99.50	99.51	0.01	311.08	403.80	92.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	410.58	503.31	92.74	
8	RTPP Stage-IV	600	23.34%	251.62	205.35	-46.27	439.10	439.10	0.00	920.93	1008.32	87.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1360.03	1447.42	87.39	
9	TOTAL (Thermal)	3410		1332.70	1242.24	-90.46	1433.33	1433.34	0.01	4704.32	6474.10	1769.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6137.65	7907.44	1769.79	
10	Srisaigham -RBPH	770	23.34%	39.49	24.20	-15.29	132.63	132.64	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.63	132.64	0.01	
11	NSRCPH	90	23.34%	3.39	18.87	15.48	15.23	15.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.23	15.22	0.00	
12	NSTPDC PH	50	23.34%	3.96	2.84	-1.12	29.23	29.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.23	29.23	0.01	
13	Sileru Complex	725	23.34%	121.33	103.04	-18.29	142.65	142.66	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.65	142.66	0.01	
14	Pennaahobilam	20	23.34%	0.29	0.16	-0.13	7.90	7.89	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.90	7.89	-0.01	
15	Mini Hydel (Chettipeta)	1	23.34%	0.25	0.25	0.00	1.05	1.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05	1.06	0.01	
16	GENCO-HYDEL	1656		168.71	149.36	-19.35	328.68	328.70	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	328.68	328.70	0.03	
17	Inter-state hydel(AP SHARE)	141.6	23.34%	27.64	27.08	-0.56	37.80	37.79	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.80	37.79	-0.01	
18	APGENCO-TOTAL	5207.6		1529.05	1418.68	-110.37	1799.80	1799.83	0.03	4704.32	6474.10	1769.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6504.12	8273.93	1769.81	
19	NTPC (SR) Ramagundam I & II	2100	3.20%	120.39	81.39	-39.00	81.08	86.32	5.25	315.42	276.59	-38.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	396.50	362.91	-33.59	
20	NTPC (SR) Simhadri Stage 1	1000	10.76%	189.97	199.70	9.73	177.85	345.05	167.20	569.91	1010.54	440.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	747.76	1355.58	607.82	
21	NTPC (SR) Simhadri Stage 2	1000	4.90%	86.07	79.42	-6.65	126.98	147.04	20.06	259.07	383.57	124.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	386.05	530.61	144.56	
22	NTPC (SR) Talcher St. II	2000	2.10%	73.55	75.02	1.47	51.20	127.45	76.25	127.24	143.45	16.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	178.44	270.90	92.46	
23	NTPC (SR) Ramagundam Stage-III	500	3.37%	27.87	20.99	-6.88	23.55	15.94	-7.61	71.90	70.73	-1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.45	86.67	-8.78	
24	NTPC Kudgi Stage 1	2400	2.38%	0.00	54.65	54.65	0.00	111.83	111.83	0.00	295.75	295.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	407.59	407.59	
25	NTECL Valluru	1500	1.34%	0.00	28.59	28.59	0.00	66.50	66.50	0.00	90.31	90.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	156.82	156.82	
26	NLC Stage-I	630	1.73%	11.15	12.55	1.40	12.98	36.40	23.43	29.21	34.39	5.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.19	70.79	28.60	
27	NLC Stage-II	840	2.38%	19.23	21.15	1.92	24.63	60.23	35.61	50.77	57.91	7.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.39	118.14	42.75	
28	NPC (MAPS)	440	0.96%	2.72	3.57	0.85	1.53	0.00	-1.53	7.40	9.28	1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.92	9.28	0.36	
29	NPC (Kaiga Unit-I,II)	880	3.03%	47.58	53.16	5.58	2.03	0.00	-2.03	174.62	185.93	11.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176.64	185.93	9.28	
30	NPC (Kaiga Unit-III & IV)	880	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	NTPL (NLC Tamilnadu Power Ltd Stage-1)(TUTICORIN)	1000	2.83%	0.00	43.30	43.30	0.00	80.43	80.43	0.00	173.91	173.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	254.34	254.34	
32	NLC NNTPS	1000	1.23%	0.00	22.81	22.81	0.00	39.79	39.79	0.00	49.91	49.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.70	89.70	
33	NLC TPS I EXP	100	0.00%	0.00	0.83	0.83	0.00	0.84	0.84	0.00	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.90	2.90	
34	NLC TPS II EXP(EP)		0.00%	0.00	0.39	0.39	0.00	0.82	0.82	0.00	1.02	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.84	
35	NCIL(Kudamkulam)		0.00%	0.00	0.80	0.80	0.00	0.00	0.00	0.00	3.53	3.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.53	3.53	
36	CGS TOTAL	15390		578.53	698.33	119.80	501.80	1118.65	616.85	1605.55	2788.88	1183.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2107.35	3907.53	1800.19	
37	JNNM PH-1 THERMAL	**		18.57	15.73	-2.84	29.90	20.48	-9.42	53.48	62.35	8.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.38	82.82	-0.56	
38	NCE-WIND TOTAL	3766.6	23.34%	0.00	205.03	205.03	0.00	0.00	0.00	0.00	977.35	977.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	977.35	977.35	
39	NCE -OTHERS	309.66	23.34%	43.71	17.46	-26.25	0.00	3.20	3.20	246.96	100.80	-146.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	246.96	104.00	-142.96	
40	NCE-SOLAR Total	2466.43	23.34%	10.79	308.34	297.55	0.00	0.03	0.03	48.56	1324.25	1275.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.56	1324.28	1275.72	
41	JNNM PH-1 SOLAR	39	23.34%	0.00	3.49	3.49	0.00	0.00	0.00	0.00	37.39	37.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.39	37.39	
42	JNNM PH-2 SOLAR	1250	23.34%	0.00	183.74	183.74	0.00	0.00	0.00	0.00	820.66	820.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	820.66	820.66	
43	Total NCE	7831.69		54.50	718.05	663.55	0.00	3.22	3.22	295.52	3260.45	2964.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	295.52	3263.68	2968.16	
44	Godavari Gas	216	23.34%	31.22	-0.44	-31.66	14.60	18.11	3.51	77.43	0.00	-77.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.03	18.11	-73.92	
45	Thermal Powertech Corporation India	1240	4.34%	97.92	110.28	12.36	157.75	160.07	2.32	220.32	264.70	44.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	378.07	424.78	46.71	

46	SEMBCORP PROJECT-2 (350MW)	350		0.00	110.81	110.81	0.00	189.13	189.13	0.00	250.29	250.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	439.42	439.42
47	SEMBCORP PROJECT-2 (150MW)	150		0.00	18.49	18.49	0.00	0.00	0.00	0.00	131.43	131.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.43	131.43
48	SEMBCORP PROJECT-2 (125MW)	125		0.00	15.40	15.40	0.00	34.38	34.38	0.00	82.41	82.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.80	116.80
49	SDSTPS (APPDCL)-STAGE 1	1600	21.01%	663.10	319.10	-344.00	1039.33	521.66	-517.67	2082.13	1001.97	-1080.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3121.46	1523.63	-1597.83
50	SDSTPS (APPDCL)-STAGE 2	800		0.00	27.34	27.34	0.00	39.10	39.10	0.00	85.86	85.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124.95	124.95
51	HNPCL	1040	23.34%	384.88	280.43	-104.44	447.88	416.91	-30.96	1062.26	928.43	-133.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1510.13	1345.34	-164.79
52	Total Others	5521		1177.12	881.41	-295.70	1659.55	1379.36	-280.19	3442.14	2745.10	-697.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5101.69	4124.46	-977.23
53	Total Dispatch			3357.77	3732.20	374.44	3991.05	4321.54	330.49	10101.00	15330.88	5229.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14092.05	19652.43	5560.37
54	UI CHARGES			0.00	-9.14	-9.14	0.00	0.00	0.00	0.00	10.21	10.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.21	10.21
55	Short Term Purchases			599.84	503.24	-96.60	0.00	5.31	5.31	2579.31	4038.75	1459.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2579.31	4044.06	1464.75
56	Short Term Sales			0.00	57.44	57.44	0.00	0.00	0.00	0.00	309.70	309.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	309.70	309.70
57	Banking(Import)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	D<>D purchase			273.29	0.00	-273.29	0.00	0.00	0.00	1202.48	0.00	-1202.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1202.48	0.00	-1202.48
59	D<>D sale (Entire FY 22-23 adjustments)			0.00	651.48	651.48	0.00	0.00	0.00	0.00	3959.05	3959.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3959.05	3959.05
60	Net Dispatch			4230.90	3517.38	-713.52	3991.05	4326.85	335.80	13882.79	15111.09	1228.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17873.84	19437.94	1564.10
61	TRANSMISSION COST			0.00	0.00	0.00	1740.33	1489.61	-250.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1740.33	1489.61	-250.72
62	SLDC COST			0.00	0.00	0.00	22.74	18.89	-3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.74	18.89	-3.85
63	PGCIL			0.00	0.00	0.00	473.51	969.27	495.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	473.51	969.27	495.76
64	ULDC COST			0.00	0.00	0.00	2.92	9.88	6.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.92	9.88	6.96
65	TOTAL TRANSMISSION & ULDC CHARGES			0.00	0.00	0.00	2239.50	2487.65	248.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2239.50	2487.65	248.15
66	Past claims/refunds, if any, pertaining to the quarters(s) prior to the quarter for which FPPCA is being filed			0.00	-9.36	-9.36	0.00	-606.32	-606.32	0.00	32.32	32.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-574.00	-574.00
67	TOTAL POWER PURCHASE			4230.90	3508.01	-722.88	6230.55	6208.18	-22.36	13882.79	15143.41	1260.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20113.34	21351.59	1238.25
68	ARREARS			0.00	84.59	84.59	0.00	3295.53	3295.53	0.00	3571.23	3571.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6866.76	6866.76
69	TOTAL POWER PURCHASE			4230.90	3592.60	-638.29	6230.55	9503.71	3273.16	13882.79	18714.64	4831.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20113.34	28218.35	8105.01
70	Swapping			0.00	154.70	154.70	0.00	0.00	0.00	0.00	840.02	840.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	840.02	840.02
71	GRAND TOTAL			4230.90	3747.30	-483.59	6230.55	9503.71	3273.16	13882.79	19554.66	5671.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20113.34	29058.37	8945.03



ANNEXURE-XIII

FPPCA FORMAT for APEPDCL - Q4 of FY2022-23

S.No.	Generating station/ Stage/Source	Plant capacity (MW)	Discom's share (%)	Energy (MU)									Cost Components (Rs.Millions)										Total F=(A+B+C+D+E)			
							Fixed (A)			Variable (B)			Incentive (C)			Income Tax (D)			Others (E)			TO (s)	Actual (t)	Variance (u)= (t-s)		
				TO (a)	Actual (b)	Variance (c)= (b-a)	TO (d)	Actual (e)	Variance (f)= (e-d)	TO (g)	Actual (h)	Variance (i)= (h-g)	TO (j)	Actual (k)	Variance (l)= (k-j)	TO (m)	Actual (n)	Variance (o)= (n-m)	TO (p)	Actual (q)	Variance (r)= (q-p)					
1	Dr.NTTPS-I	420	36.22%	250.15	246.67	-3.48	215.42	215.42	0.00	835.50	1313.57	478.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1050.92	1528.99	478.07	
2	Dr.NTTPS-II	420	36.22%	250.15	246.67	-3.48	215.42	215.42	0.00	835.50	1313.57	478.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1050.92	1528.99	478.07	
3	Dr.NTTPS-III	420	36.22%	250.15	246.67	-3.48	215.42	215.42	0.00	835.50	1313.57	478.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1050.92	1528.99	478.07	
4	Dr.NTTPS-IV	500	36.22%	301.88	320.71	18.83	259.58	259.57	0.00	950.92	1533.85	582.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1210.50	1793.42	582.92	
5	RTPP Stage-I	420	36.22%	250.14	183.90	-66.24	243.70	243.70	0.00	965.54	1002.88	37.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1209.24	1246.57	37.33	
6	RTPP Stage-II	420	36.22%	250.14	253.66	3.52	238.95	238.96	0.01	965.54	1377.94	412.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1204.49	1616.91	412.41	
7	RTPP Stage-III	210	36.22%	125.07	110.80	-14.27	154.43	154.42	0.00	482.77	626.64	143.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	637.20	781.06	143.87	
8	RTPP Stage-IV	600	36.22%	390.48	318.67	-71.81	681.43	681.42	-0.01	1429.16	1564.76	135.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2110.58	2246.17	135.59	
9	TOTAL (Thermal)	3410	36.22%	2068.16	1927.77	-140.39	2224.33	2224.32	-0.01	7300.43	10046.78	2746.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9524.76	12271.10	2746.34		
10	Srisaillam -RBPB	770	36.22%	61.28	37.55	-23.73	205.83	205.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205.83	205.83	0.00	
11	NSRCPH	90	36.22%	5.25	29.28	24.03	23.63	23.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.63	23.62	0.00	
12	NSTPDC PH	50	36.22%	6.16	4.41	-1.75	45.38	45.37	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.38	45.37	-0.01	
13	Sileru Complex	725	36.22%	188.28	159.91	-28.37	221.38	221.39	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	221.38	221.39	0.01	
14	Pennaahobillam	20	36.22%	0.44	0.25	-0.19	12.25	12.24	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.25	12.24	-0.01	
15	Mini Hydel (Chettipeta)	1	36.22%	0.37	0.38	0.01	1.65	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	1.65	0.00	
16	Genco-HYDEL	1656	36.22%	261.78	231.78	-30.00	510.10	510.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	510.10	510.10	0.00	
17	Inter-state hydel(AP SHARE)	141.6	36.22%	42.90	42.02	-0.88	58.65	58.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.65	58.65	0.00	
18	APGENCO-TOTAL	5207.6	36.22%	2372.84	2201.57	-171.27	2793.08	2793.06	-0.01	7300.43	10046.78	2746.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10093.51	12839.84	2746.33	
19	NTPC (SR) Ramagundam I & II	2100	36.22%	186.84	126.30	-60.54	125.80	133.96	8.16	489.52	429.22	-60.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	615.32	563.18	-52.14	
20	NTPC (SR) Simhadri Stage 1	1000	36.22%	294.80	309.91	15.11	275.98	535.46	259.48	884.40	1568.19	683.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1160.38	2103.65	943.27	
21	NTPC (SR) Simhadri Stage 2	1000	36.22%	133.55	123.25	-10.30	197.05	228.18	31.13	401.99	595.24	193.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	599.04	823.42	224.38	
22	NTPC (SR) Talcher St. II	2000	36.22%	114.13	116.41	2.28	79.45	197.79	118.34	197.44	222.60	25.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	276.89	420.39	143.49	
23	NTPC (SR) Ramagundam Stage-III	500	36.22%	43.26	32.58	-10.68	36.53	24.73	-11.79	111.61	109.77	-1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148.14	134.50	-13.64	
24	NTPC Kudgi Stage 1	2400	36.22%	0.00	84.81	84.81	0.00	173.55	173.55	0.00	458.96	458.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	632.51	632.51	0.00
25	NTECL Valluru	1500	36.22%	0.00	44.37	44.37	0.00	103.20	103.20	0.00	140.15	140.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	243.35	243.35	0.00
26	NLC Stage-I	630	36.22%	17.32	19.48	2.16	20.13	56.49	36.37	45.38	53.36	7.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.50	109.86	44.35	
27	NLC Stage-II	840	36.22%	29.84	32.82	2.98	38.23	93.47	55.24	78.78	89.86	11.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.00	183.33	66.33	
28	NPC (MAPS)	440	36.22%	4.22	5.54	1.32	2.38	0.00	-2.38	11.48	14.41	2.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.85	14.41	0.55	
29	NPC (Kaiga Unit-I,II)	880	36.22%	73.86	82.49	8.63	3.15	0.00	-3.15	271.07	288.53	17.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	274.22	288.53	14.32	
30	NPC (Kaiga Unit-III & IV)		36.22%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	NTPL (NLC Tamilnadu Power Ltd Stage-1)(TUTICORIN)	1000	36.22%	0.00	67.19	67.19	0.00	124.82	124.82	0.00	269.87	269.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	394.70	394.70	0.00
32	NLC NNTPS	1000	36.22%	0.00	35.40	35.40	0.00	61.75	61.75	0.00	77.46	77.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.20	139.20	0.00
33	NLC TPS I EXP	100	36.22%	0.00	1.29	1.29	0.00	1.31	1.31	0.00	3.20	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.51	4.51	0.00
34	NLC TPS II EXP(EP)		36.22%	0.00	0.61	0.61	0.00	1.27	1.27	0.00	1.59	1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.86	2.86	0.00
35	NPCIL(Kudamkulam)		36.22%	0.00	1.25	1.25	0.00	0.00	0.00	0.00	5.48	5.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.48	5.48	0.00
36	CGS TOTAL	15290	36.22%	897.82	1083.69	185.87	778.68	1735.97	957.30	2491.66	4327.90	1836.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3270.34	6063.88	2793.54	
37	JNNM PH-1 THERMAL	**	36.22%	28.80	24.41	-4.39	46.40	31.78	-14.62	82.94	96.75	13.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.34	128.53	-0.81	
38	NCE-WIND TOTAL	3766.6	36.22%	0.00	318.17	318.17	0.00	0.00	0.00	0.00	1497.27	1497.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1497.27	1497.27	0.00
39	NCE-OTHERS	309.66	36.22%	47.48	27.09	-20.39	0.00	4.96	4.96	268.26	154.47	-113.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	268.26	159.43	-108.83	
40	NCE-SOLAR Total	2466.43	36.22%	3.77	478.49	474.72	0.00	0.04	0.04	16.97	2004.88	1987.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.97	2004.92	1987.95	
41	JNNM PH-1 SOLAR	39	36.22%	0.00	5.41	5.41	0.00	0.00	0.00	0.00	58.02	58.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.02	58.02	0.00

42	JNNSM PH-2 SOLAR	1250	36.22%	0.00	285.13	285.13	0.00	0.00	0.00	0.00	1273.54	1273.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1273.54	1273.54	
43	Total NCE	7831.69	36.22%	51.25	1114.31	1063.06	0.00	5.00	5.00	285.23	4988.17	4702.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	285.23	4993.17	4707.95
44	Godavari Gas	216	36.22%	48.46	-0.68	-49.14	22.65	28.10	5.45	120.18	0.01	-120.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.83	28.10	-114.73
45	Thermal Powertech Corporation India	1240	36.22%	151.95	171.13	19.18	244.80	248.41	3.61	341.89	410.78	68.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	586.69	659.19	72.50
46	SEMBCORP PROJECT-2 (350MW)	350	36.22%	0.00	171.96	171.96	0.00	293.50	293.50	0.00	388.42	388.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	681.91	681.91
47	SEMBCORP PROJECT-2 (150MW)	150	36.22%	0.00	28.69	28.69	0.00	0.00	0.00	0.00	203.96	203.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	203.96	203.96
48	SEMBCORP PROJECT-2 (125MW)	125	36.22%	0.00	23.91	23.91	0.00	53.36	53.36	0.00	127.89	127.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	181.25	181.25
49	SDSTPS (APPDCL)-STAGE 1	1600	36.22%	1029.03	495.19	-533.84	1612.88	809.53	-803.34	3231.15	1554.90	-1676.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4844.03	2364.43	-2479.60
50	SDSTPS (APPDCL)-STAGE 2	800	36.22%	0.00	42.43	42.43	0.00	60.67	60.67	0.00	133.23	133.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	193.90	193.90
51	HNPL	1040	36.22%	597.26	435.19	-162.07	695.03	646.98	-48.04	1648.44	1440.78	-207.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2343.46	2087.76	-255.70
52	Total Others	5521		1826.70	1367.81	-458.89	2575.35	2140.54	-434.81	5341.66	4259.96	-1081.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7917.01	6400.50	-1516.51
53	Total Dispatch			5177.41	5791.79	614.38	6193.50	6706.35	512.85	15501.93	23719.57	8217.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21695.43	30425.93	8730.50
54	UI CHARGES			0.00	-14.19	-14.19	0.00	0.00	0.00	0.00	15.84	15.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.84	15.84
55	Short Term Purchases			1309.09	780.95	-528.14	0.00	8.24	8.24	5629.09	6267.51	638.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5629.09	6275.75	646.66
56	Short Term Sales			0.00	89.13	89.13	0.00	0.00	0.00	0.00	480.61	480.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	480.61	480.61
57	Banking(import)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	Purchases from APSPDCL			424.10	0.00	-424.10	0.00	0.00	0.00	1866.04	0.00	-1866.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1866.04	0.00	-1866.04
59	Purchase from APCPDCL(entire FY 22-23 adjusted)			0.00	176.48	176.48	0.00	0.00	0.00	0.00	1679.58	1679.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1679.58	1679.58
60	Net Dispatch			6910.60	6645.89	-264.71	6193.50	6714.60	521.10	22997.05	31201.89	8204.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29190.55	37916.49	8725.93
61	TRANSMISSION COST			0.00	0.00	0.00	2479.11	2126.46	-352.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2479.11	2126.46	-352.65
62	SLDC COST			0.00	0.00	0.00	35.13	29.18	-5.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.13	29.18	-5.95
63	PGCIL			0.00	0.00	0.00	734.81	1501.48	766.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	734.81	1501.48	766.67
64	ULDC COST			0.00	0.00	0.00	4.53	15.33	10.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.53	15.33	10.80
65	TOTAL TRANSMISSION & ULDC CHARGES			0.00	0.00	0.00	3253.58	3672.46	418.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3253.58	3672.46	418.88
66	Past claims/refunds, if any, pertaining to the quarters(s) prior to the quarter for which FPPCA is being filed			0.00	-14.60	-14.60	0.00	-942.67	-942.67	0.00	61.57	61.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-881.10	-881.10
67	TOTAL POWER PURCHASE			6910.60	6631.29	-279.31	9447.08	9444.38	-2.70	22997.05	31263.47	8266.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32444.13	40707.85	8263.71
68	ARREARS			0.00	131.27	131.27	0.00	3636.53	3636.53	0.00	535.35	535.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4171.87	4171.87
69	TOTAL POWER PURCHASE			6910.60	6762.56	-148.04	9447.08	13080.91	3633.83	22997.05	31798.81	8801.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32444.13	44879.72	12435.59
70	swapping			0.00	240.07	240.07	0.00	0.00	0.00	0.00	1303.58	1303.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1303.58	1303.58
71	GRAND TOTAL			6910.60	7002.63	92.03	9447.08	13080.91	3633.83	22997.05	33102.39	10105.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32444.13	46183.30	13739.16