

**BEFORE THE HONOURABLE ANDHRA PRADESH ELECTRICITY  
REGULATORY COMMISSION**

At its office at 4<sup>th</sup> Floor, Singareni Bhavan, Red Hills, Hyderabad-500 004

File No.                 /2024  
Case No.                /2024  
Miscellaneous Petition No.     /2024

**IN THE MATTER OF:**

**Petition under Section 86 (1) (b) and Section 62 of Electricity Act 2003 read with Regulation 8 of APERC (Conduct of Business) Regulations, 1999 for computation of Pooled Cost of Power Purchase of the year 2022-23 to be considered for the year 2023-24.**

1.     **Andhra Pradesh Central Power Distribution Corporation Limited (APCPDCL)  
Beside Govt. Polytechnic College, ITI Road, Vijayawada-520 008  
.....Petitioner**

**Petition under Section 86 (1) (b) of Electricity Act, 2003**


1. The Hon`ble Andhra Pradesh Electricity Regulatory Commission (Hon`ble Commission) in exercise of the powers conferred under Section 61, 66, 86 (1) (e) and 181 of the Electricity Act 2003 passed orders Regulation No. 1 of 2017 dated. 31.03.2017 & Regulation No. 5 of 2022 dated. 29.09.2022 as mentioned below:
- i) Every Distribution Licensee shall be required to purchase Electricity, not less than **17%** of its consumption of energy upto 29.09.2022 and **18%** of its consumption of energy from 29.09.2022 onwards, from Renewable Energy (RE) sources as RPPO (Renewable Power Purchase Obligation) during the FY 2022-23 (year commencing on 1<sup>st</sup> April of the Calendar year and ending on 31<sup>st</sup> March of the subsequent Calendar year) at the rates applicable for purchase of electricity from such RE sources as per the orders of the Commission in force from time to time.
  - ii) A minimum of 7% out of the 17% Renewable Power Purchase Obligation (RPPO) specified above, shall have to be procured from Solar Power Generation upto 29.09.2022.
  - iii) APERC also fixed following, eligibility criteria for obtaining RECs by NCE

generators:

- ◆ The NCE generator should not have any Power Purchase Agreement for the Capacity related to such generation to sell electricity at a tariff determined by the Commission from time to time for sale of energy to a distribution licensee.
  - ◆ It sells the electricity generated either
    - (i) To the distribution licensee in the State of Andhra Pradesh at the Pooled Cost of Power Purchase, or
    - (ii) To any other licensee, or
    - (iii) To an Open Access consumer at a mutually agreed price, or
    - (iv) Through power exchange at market determined price.
  - ◆ That in respect of Captive Power Plant, it has not at all availed or does not at all propose to avail any benefit in the form of concessional / promotional transmission or wheeling charges, banking facility, cross subsidy surcharges and waiver of electricity duty etc.
2. 'Pooled cost of Power Purchase' means the weighted average Pooled price at which the distribution licensee has purchased electricity in the previous year from all the long-term energy suppliers excluding the purchases based on liquid fuel (or) annual weighted average rate of market purchases by the DISCOMs whichever is lower.
- Provided that the purchase from renewable sources shall not be taken into account while determining the 'Pooled Cost of Power Purchase';*
3. In the light of the above orders, APCPDCL herewith submit the details of the purchased electricity in the previous year 2022-23 from all the long-term energy suppliers, excluding the purchases based on liquid fuel purchases and purchases from the renewable sources. (Enclosed as **Annexure-I**).
4. The Hon'ble Commission is requested to pass necessary orders to the effect that the APCPDCL to enter to Open Access agreement with the NCE developers for supply of electricity to the extent of unutilized energy in banking @ average Pooled Cost of Power Purchase i.e. **Rs. 4.89/-** for the projects supplied in the year 2022-23 in the jurisdiction of APCPDCL. Further to pay the REC Generators for the energy supplied to APCPDCL as per the PPA tariff condition.

5. The petitioner has paid Rs.30,000/- (Rupees Thirty Thousand only) online payment vide e-pay Order No. **CT00CHHAW4**, Dt: **21.03.2024** in favour of the Secretary, APERC, Hyderabad towards fee as required under the Second Amendment to the Andhra Pradesh Electricity Regulatory Commission (Fees) Regulation, 2005 (Regulation No. 5 of 2023). (Enclosed as **Annexure-II**).
6. The Petitioners humbly pray the Honorable Commission:
- i) To take the petition on record.
  - ii) To pass orders for computation of Pooled Cost of Power Purchase of the year 2022-23 to be considered for the year 2023-24.
  - iii) To pass such and any other orders as may deem fit.

Place: Vijayawada  
Date : **27** -03-2024

**Petitioner**  
  
CHIEF GENERAL MANAGER  
PROJECTS - APCPDCL  
VIJAYAWADA

BEFORE THE HONOURABLE ANDHRA PRADESH ELECTRICITY REGULATORY  
COMMISSION

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1. Andhra Pradesh Central Power Distribution Corporation Limited (APCPDCL)  
Beside Govt. Polytechnic College, ITI Road, Vijayawada-520 008  
.....Petitioner

Verification Affidavit

I, E. Ravindranath, S/o Late E. Bhimaiah, aged about 59 years working at Andhra Pradesh Central Power Distribution Corporation Limited (APCPDCL) do solemnly affirm and say as follows:

1. I am the Chief General Manager, Projects of Andhra Pradesh Central Power Distribution Corporation Limited having its office at beside Govt. Polytechnic College, ITI Road, Vijayawada and am competent and duly authorized by the Petitioners to affirm swear, execute and file this Petition.
2. I have read and understood the contents of the Petition. The contents of the Petition now shown to me are true to my knowledge derived from the official records made available to me and are based on information and advice received which I believe to be true and correct.

DEPONENT

*SA*  
CHIEF GENERAL MANAGER  
PROJECTS - APCPDCL  
VIJAYAWADA

VERIFICATION:

I, the above named Deponent solemnly affirm at Vijayawada on this *27<sup>th</sup>* day of *March*, 2024 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.

DEPONENT

*SA*  
CHIEF GENERAL MANAGER  
PROJECTS - APCPDCL  
VIJAYAWADA

Solemnly affirmed and signed before me.

*Poonerla Ravi*  
COMPANY SECRETARY  
APCPDCL::VIJAYAWADA



**CPDCL POOLED COST for the FY 2022-23 to be considered in FY 2023-24**

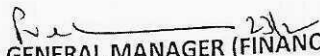
Station	Energy (MU)	Amount (Rs.Crs.)			VC Rate/ kwh	FC Rate/ kwh	Avg. Rate/k wh
		Fixed Cost	Variable Cost	Total Cost			
<b>CGS :</b>							
NTECL Valluru Thermal Power	129.37	26.85	44.98	71.83	3.48	2.08	5.55
NLC -Stage - I	52.35	6.26	14.29	20.55	2.73	1.20	3.93
NLC -Stage - II	104.23	12.01	28.54	40.55	2.74	1.15	3.89
NLC TPS I EXP)	1.71	0.19	0.42	0.62	2.47	1.14	3.61
NLC TPS II EXP	0.65	0.14	0.17	0.31	2.62	2.18	4.81
NPC (MAPS)	13.85	0	3.64	3.636	2.63	0.00	2.63
NPCIL(Kudamkulam)	1.49	0	0.65	0.653	4.39	0.00	4.39
NPC (Kaiga Unit-I,II & III)	205.10	0	72.50	72.50	3.54	0.00	3.54
NLC Tamilnadu Power Ltd Stage.1	164.15	30.40	68.23	98.63	4.16	1.85	6.01
NLC NNTPS (New Thermal Station)	84.20	15.49	18.55	34.04	2.20	1.84	4.04
NTPC NVVNL Bundled Power (Only COAL)	52.73	8.84	22.52	31.36	4.27	1.68	5.95
CGS other than NTPC ( 1)	809.82	100.19	274.49	374.68	3.39	1.24	4.63
NTPC (SR) Ramagundam St.I&II	468.58	37.76	193.84	231.60	4.14	0.81	4.94
NTPC (SR) Simadri Stage 1	753.92	130.22	338.46	468.69	4.49	1.73	6.22
NTPC (SR) Simadri Stage 2	317.43	73.75	138.48	212.23	4.36	2.32	6.69
NTPC (SR) Talcheru St.II	306.98	38.56	59.41	97.97	1.94	1.26	3.19
NTPC (SR) Ramagundam St.III	105.91	9.58	40.71	50.29	3.84	0.90	4.75
NTPC Kudgi Stage-I (New Thermal Station)	286.50	64.8036982	163.4277548	228.231453	5.70	2.26	7.97
Total NTPC (2)	2239.32	354.68	934.34	1289.01	4.17	1.58	5.76
Sub Total 3 (1+2)	3049.14	454.86	1208.83	1663.69	3.96	1.49	5.46
<b>A = CGS TOTAL</b>	<b>3049.14</b>	<b>454.86</b>	<b>1208.83</b>	<b>1663.69</b>	<b>3.96</b>	<b>1.49</b>	<b>5.46</b>
<b>SGS</b>							
APPDCL	1298.92	356.20	419.77	775.97	3.23	2.74	5.97
Godavari Gas Power Plant (Now Own Source previously GVK-I)	53.22	7.00	30.97	37.97	5.82	1.31	7.14
Sub-Total SGS	1352.14	363.20	450.74	813.94	3.33	2.69	6.02
<b>APGenco :</b>							
Dr.NTTPS	1609.36	148.06	632.19	780.26	3.93	0.92	4.85
Dr.NTTPS St.IV	753.84	66.91	271.20	338.11	3.60	0.89	4.49
RTPP-I	441.58	47.80	189.33	237.13	4.29	1.08	5.37
RTPP-ST II	579.17	61.59	249.26	310.85	4.30	1.06	5.37
RTPP -ST III	284.10	39.80	122.48	162.29	4.31	1.40	5.71
RTPP -ST IV	669.43	125.63	270.60	396.23	4.04	1.88	5.92
Sub-Total AP Genco-Thermal	4337.49	489.81	1735.06	2224.87	4.00	1.13	5.13
Hydel-AP Genco	986.28	146.60	0	146.60	1.49	0.00	1.49
AP Genco Total	5323.77	636.40	1735.06	2371.47	3.26	1.20	4.45
<b>B = SGS Total</b>	<b>6675.90</b>	<b>999.60</b>	<b>2185.80</b>	<b>3185.41</b>	<b>3.27</b>	<b>1.50</b>	<b>4.77</b>
<b>IPPs:</b>							
Thermal Powertech Corporation India (Sembcorp)	563.68	86.29	143.39	229.68	2.54	1.53	4.07
Hinduja National Power Corpn.Ltd.(HNPCL)	1058.07	143.28	325.99	469.26	3.08	1.35	4.44
<b>C = IPPs Sub Total</b>	<b>1621.75</b>	<b>229.56</b>	<b>469.38</b>	<b>698.94</b>	<b>2.89</b>	<b>1.42</b>	<b>4.31</b>
<b>TOTAL ( A+B+C)</b>	<b>11346.79</b>	<b>1684.03</b>	<b>3864.01</b>	<b>5548.04</b>	<b>3.41</b>	<b>1.48</b>	<b>4.89</b>

NOTE:

Clause 1 (j) of Regulation 5 of 2022 on Pooled Cost of Power Purchase is as stated below:

'Pooled Cost of Power Purchase' means the weighted average pooled price at which the distribution licensee has purchased electricity in the previous year from all the long-term energy suppliers excluding the purchases based on the usage of liquid fuel or annual weighted average rate of market purchases by the DISCOMs whichever is lower. Provided that the purchases from renewable sources shall not be taken into account while determining the 'Pooled Cost of Power Purchase';

AS PER REGULATION NO. 5 OF 2022 THE WEIGHTED AVERAGE POOLED PRICE FROM ALL LONG TERM SUPPLIERS IS RS.4.89 PAISA, WHICH IS LOWER WHEN COMPARED WITH WEIGHTED AVERAGE RATE FROM MARKET PURCHASES OF RS 7.85 PAISA. HENCE THE POOLED COST OF POWER PURCHASE FY 2022-23 TO BE CONSIDERED IN F.Y 2023-24 IS FINALIZED AS RS.4.89 PAISA

  
CHIEF GENERAL MANAGER (FINANCE)  
APPCC/VIDYUT SOUDHA/VIJAYAWADA

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### e-PayOrder Details

#### e-PayOrder Details

e-PayOrder Number CT00CHHAW4  
Debit Status Success  
Scheduled Time 21-Mar-2024 [12:00 AM] IST

21-Mar-2024

00000033888237865

Thirty Thousand only

30,000.00

00000039024857506

KONDAPALLI  
SPECIALISED MID CORPORATE BRANCH, VIJAYAWADA  
V. RAO  
"CT00CHHAW4"

Vuyyala Srinivasa  
Rao  
Authorizer 1  
APCPDCL PAYMENT TOWARDS PETITION FEE

Counterfoil Description APCPDCL PAYMENT TOWARDS PETITION FEE

Transaction Type Third Party Transfer

#### Debit Account Details

Account No.	Branch	Amount
00000039024857506	SPECIALISED MID CORPORATE BRANCH, VIJAYAWADA	30,000.00

#### Credit Account Details

Account No. / Nickname	Amount	Credit Status
00000033888237865 / THE APERC	30,000.00	Success