

Calculation of Category wise FPPA for the month - Feb/2014

Category	Sub-Category	EC	FC	0.26% of EC Rs./kWh/kV Ah) ©	Total FPPA to be passed on Rs./kWh/kVAh) (d)	Remaining for True Up Rs./kWh/kVAh) (e) = d-c
Domestic	DS-R	6.30 / kWh	75.00 / Conn. / Month	0.02	0.02	0.00
	DS-U	6.65 / kWh	100.00 / Conn. / Month	0.02	0.02	0.00
	DS HT	6.25 / kVAh	150.00 / kVA / Month	0.02	0.02	0.00
Commercial	Rural (More than 5 kW)	6.10 / kWh	120.00 / kW / Month	0.02	0.02	0.00
	Urban (More than 5 kW)	6.65 / kWh	200.00 / kW / Month	0.02	0.02	0.00
IAS	IAS-I	5.30 / kWh	50.00 / HP / Month	0.01	0.01	0.00
	IAS-II	5.30 / kWh	50.00 / HP / Month	0.01	0.01	0.00
Industrial	LTIS	6.05 / kVAh	150 / kVA / Month	0.02	0.02	0.00
	HTS - 11KV	5.85 / kVAh	400 / kVA / Month	0.02	0.02	0.00
	HTS - 33KV	5.85 / kVAh	400 / kVA / Month	0.02	0.02	0.00
	HTS - 132KV	5.85 / kVAh	400 / kVA / Month	0.02	0.02	0.00
	HTSS - 11KV	5.20 / kVAh	400 / kVA / Month	0.01	0.01	0.00
	HTSS - 33KV	5.20 / kVAh	400 / kVA / Month	0.01	0.01	0.00
Institutional	RTS	5.60 / kVAh	400 / kVA / Month	0.01	0.01	0.00
	Streetlight	7.00 / kWh	250.00 / kW / Month	0.02	0.02	0.00
	MES	5.60 / kVAh	400 / kVA / Month	0.01	0.01	0.00

Calculation of FPPA (in %) for the month of Feb' 2024

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S No.	Parameters	Units	Value	Remarks
A	Total units procured in the (n-2)th month (kWh)	kWh	1262571930.46	Total units procured in February 2024 except UI deviation.
i	Actual Power purchased from all the sources outside the State in (n - 2)th Month (in kWh)	kWh	771298666.46	A-ii
ii	Power purchased from all the sources within the State (in kWh)	kWh	491273264.00	Total units procured from DVC (except UI), State Solar, Inland, CPP, Sikidri and TVNL except 75.41 MU to Biharsharif in February 2024.
iii	Inter-state transmission losses in % as approved in Tariff Order	%	3.00%	As approved in ARR of FY 2023-24 in TO dtd 28.02.2024
iv	Intra-state losses in % as approved in Tariff Order	%	2.23%	As approved in ARR of FY 2023-24 in TO dtd 28.02.2024
v	Target Distribution Losses (from Tariff Order) in %	%	13.00%	As approved in ARR of FY 2023-24 in TO dtd 28.02.2024
B	Bulk Sale of Power in (n-2)th month (kWh)	kWh	79140612.50	Sale of power through power exchange has been considered for February 2024
vi	Actual Average Power Purchase cost from all sources in (n-2)th month (Rs./kWh) excluding DSM Charges	(Rs./kWh)	4.20	Actual Avg Power Purchase taken for the month of February 2024 excluding PTC Sale and UI Charges
vii	Total Power purchase cost as approved in ARR of FY 2023-24.	(Rs./Cr.)	5881.88	TO dtd 28.02.2024.
viii	Total units procured as approved in ARR of FY 2023-24.	MU	13834.57	TO dtd 28.02.2024.
ix	Projected average power purchase cost from all sources in (n-2)th month (Rs./kWh) from Tariff Order excluding DSM Charges	(Rs./kWh)	4.25	Total Power purchase cost as Rs. 5881.88 Cr. and Total units procured as 13834.57 MU has been considered as approved in ARR of FY 2023-24 of TO dtd 28.02.2024.
C	Incremental Average Power Purchase Cost (Rs./kWh)	(Rs./kWh)	-0.05	vi-ix
D	Actual Intra State and Inter State Transmission Charges in the (n-2)th Month	Rs.	600726980.00	Actual PGCIL, POSOCO and JUSNL charges has been considered for the month of February 2024. Commission has approved inter state transmission charges including POSOCO charges.
x	Total inter state transmission charges (including POSOCO ERLDC) as approved in ARR of FY 2023-24.	Rs.	3588200000.00	TO dtd 28.02.2024.
xi	Total intra state transmission charges as approved in ARR of FY 2023-24.	Rs.	2604900000.00	TO dtd 28.02.2024.
E	Base Cost of Transmission Charges for (n-2)th Month (Rs.) = (Approved Transmission Charges / 12)	Rs.	516091666.7	Total inter state transmission charges as Rs. 358.82 Cr. (including POSOCO ERLDC) and Total intra state transmission charges as Rs. 260.49 Cr. has been considered as approved in ARR of FY 2023-24 of TO dtd 28.02.2024. (X+Xi)/12

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Details of Provisional Power Purchase during FY 2023-24										
February-2024										
S.N.	Name of Generating Stations	Units purchased (MU)	Cost of Purchase (Crore Rs.)	Per Unit Rate (Rs per unit)	Per Unit Rate including Transmission Charge (Rs per unit)	Supplementar y Quantu. (MU)	Supplementar y Bill Amount (Crore Rs.)	Total Amount (Crore Rs.)	Overall Rate (Rs per unit)	
1	NTPC	Farrakka	30.30	4.56	5.66	0.00	6.66	36.96	6.66	
		Farrakka III	0.00	2.04	#DIV/0!	0.00	2.80	4.84	#DIV/0!	
		Khalagaon I	10.70	4.31	4.03	5.13	0.00	1.12	5.43	6.18
		Talcher	26.78	7.42	2.77	3.87	0.00	0.93	8.35	4.22
		Khalagaon II	6.78	2.41	3.56	4.66	0.00	1.53	3.94	6.92
		Barh I	33.77	20.18	5.98	7.08	0.000	1.328	21.51	7.47
		Barh II	9.84	5.73	5.82	6.92	0.00	0.53	6.26	7.46
		Korba	32.56	8.44	2.59	3.69	0.00	2.61	11.05	4.50
		Darlipalli	96.64	30.17	3.12	4.22	0.00	3.25	33.42	4.56
		N. Karanpura	100.34	40.17	4.00	5.10	0.00	0.02	40.19	5.11
		Kanti Power	10.09	5.13	5.08	6.19	0.00	-0.01	5.12	6.17
		Nabinagar	19.04	9.68	5.09	6.19	0.00	0.01	9.69	6.19
		LPSC						1.29	1.29	
		Rebate						0.00	0.00	
Total		413.02	165.99	4.02	5.12	0.00	22.06	188.05	5.65	
2	NHPC	Rangit	1.33	0.52	3.87	4.97	0.61	1.13	9.55	
		Teesa	0.00	0.00	0.00	1.10	0.00	-9.68	-9.68	#DIV/0!
		LPSC						0.00	0.00	
Total		1.33	0.52	3.90	5.00	0.00	-9.07	-8.55	-62.95	
3	PTC	Chukha	0.00	0.00	0.00	1.10	0.00	0.00	#DIV/0!	
		Tala	0.00	0.00	0.00	1.10	0.00	0.00	#DIV/0!	
		Kurichu	0.00	0.00	0.00	1.10	0.00	0.0000	0.00	
		Mangdechhu	0.00	0.00	0.00	1.10	0.00	0.00	#DIV/0!	
		Total	0.00	0.00	0.00	1.10	0.0000	0.0000	0.00	#DIV/0!
4	Total Central Sector		414.36	166.51	4.02	5.12	0.00	179.50	5.43	
		KTPS (OA)	326.19	145.22	4.45				145.22	4.45
5	DVC	Standby Power	0.00	0.00	0.00				0.00	#DIV/0!
		UI (Deviation)	-49.35	-20.62	4.18				-20.62	4.18
		Trans. Charge	-	6.20	-				6.20	
		HT Points	0.10	0.34	-				0.34	
		Total	276.94	131.14	4.74			0.00	-10.78	120.36
7	TVNL	201.17	84.38	4.19	4.44	0.00	0.00	84.38	4.44	
8	UI Payable (Deviation)	11.06	20.65	18.67		0.00	0.00	20.65	18.67	
9	Reactive Energy Charge		0.08					0.08		
10	APNRL	Unit I	39.82	13.82	3.47			13.82	3.47	
		Unit II	39.82	14.03	3.52			14.03	3.52	
		66 MW	42.79	14.96	3.50			14.96	3.50	
		ERLDC APNRL	-	6.31	-		0.00	0.00	6.31	
Total		122.44	49.11	4.01		0.00	49.11	4.01		

Details of Provisional Power Purchase during FY 2023-24

February-2024

S.N.	Name of Generating Stations	Units purchased (MU)	Cost of Purchase (Crore Rs.)	Per Unit Rate (Rs per unit)	Per Unit Rate including Transmission Charge (Rs per unit)	Supplementary Quantum (MU)	Supplementary Amount (Crore Rs.)	Total Amount (Crore Rs.)	Overall Rate (Rs per unit)	
										Net Unit
11	SOLAR	SECI (700)	84.21	22.16	2.63	2.88	0.00	0.00	22.16	2.88
		SECI (10)	1.19	0.74	6.24	6.49	0.00	0.00	0.75	6.51
		State	1.40	2.51	17.96	17.96	0.00	0.00	2.51	17.96
		Total	86.80	25.41	2.93	3.18	0.00	0.00	25.41	3.18
		PTC	36.54	12.90	3.53	3.78	0.00	0.00	12.90	3.78
		SECI	21.56	5.86	2.72	2.97	0.00	0.00	5.86	2.97
		Total	58.10	18.76	3.23	3.48	0.00	0.00	18.76	3.48
		Inland Power Ltd.	36.99	18.06	4.88	5.13	0.00	0.00	18.06	5.13
		Purchase	15.59	14.12	9.06	9.06	0.00	0.00	14.12	9.06
		Power Exchange	15.59	14.12	9.06	9.06	0.00	0.00	14.12	9.06
		15	Sell	-79.14	-22.91	2.90	2.90	0.00	0.00	-22.91
16	Total Purchase	1144.30	505.30	4.42	4.42	0.00	2.22	507.52	4.44	
17	SRHPS (Generation)	0.84	1.83	0.00	0.25	0.00	0.00	1.83	21.98	
18	Grand Total	1145.14	507.12	4.43	4.43	0.00	2.22	509.34		
19	UI Receivable	-7.44	-7.62	10.24	10.24	0.00	0.00	-7.62		
20	SER-DSM	0.00	0.00			0.00	0.00	0.00		
21	Trans. Charge	PGCIL		35.07		0.00	0.00	35.07		
		Posoco (ERLDC)		0.18		0.85	0.00	0.00	0.18	
		JUSNL		24.83		0.25	0.00	0.00	24.83	
22	Net Unit	1137.69	559.57	4.92		0.0000	2.22	561.79	4.94	
PPPA Feb-24										
		1262.57	MU	1262571930.46	KWh	Total Units Procured (A)				
		771.30	MU	771298666.46	KWh	Units Procured Outside State(i)				
		164.98	MU	164984139.00	KWh	Units Procured within State(ii)				
		326.29	MU	326289125.00	KWh	Units procured from DVC (iii)				
		530.01	Rs. Cr.	5300121264.07	Rs.	Total Cost of Units Procured				
		79.14	MU	79140612.50	KWh	Bulk Sale of Power (B)				
		4.20	Rs./kWh			Actual Avg Rate (vi)				
		60.07	Rs. Cr.	600726980.00	Rs.	Total Cost of Units Procured				