



JHARKHAND BIJLI VITRAN NIGAM LIMITED

(CIN: U40108JH2013SGC001702)

Regd. Office: *Engineering Building, H.E.C., Dhurwa, Ranchi-834004,*
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Letter No. 110.....

GM (Rev)/3037/2023

Dated 27-03-2025

From,

Arvind Kumar
Executive Director(C&R)

To,

General Manager (IT),
JBVNL
General Manager (Revenue),
JBVNL
General Manager (Technical)
All Electric Supply Area
M/s Fluentgrid Ltd

Subject: Regarding submission of FPPPA Surcharge rates

Sir,

With reference to subject mentioned above, Please find below FPPA Surcharge Rates to be passed on to different categories of consumers in the bill month of March, 2025.

Category	Sub-Category	Total FPPPA to be passed on Rs./(kWh/kVAh)
Domestic	DS-R	-0.01
	DS-U	-0.01
	DS HT	-0.01
Commercial	Rural (More than 5 kW)	-0.01
	Urban (More than 5 kW)	-0.01
IAS	IAS-I	-0.01
	IAS-II	-0.01
Industrial	LTIS	-0.01
	HTS - 11KV	-0.01

	HTS - 33KV	-0.01
	HTS - 132KV	-0.01
	HTSS - 11KV	-0.01
	HTSS - 33KV	-0.01
Institutional	RTS	-0.01
	Streetlight	-0.01
	MES	-0.01

GM (Revenue) is requested to implement the same in the billing system on priority basis. GM (IT) is also requested to upload the same in JBVNL website.

This has got approval of competent authority.

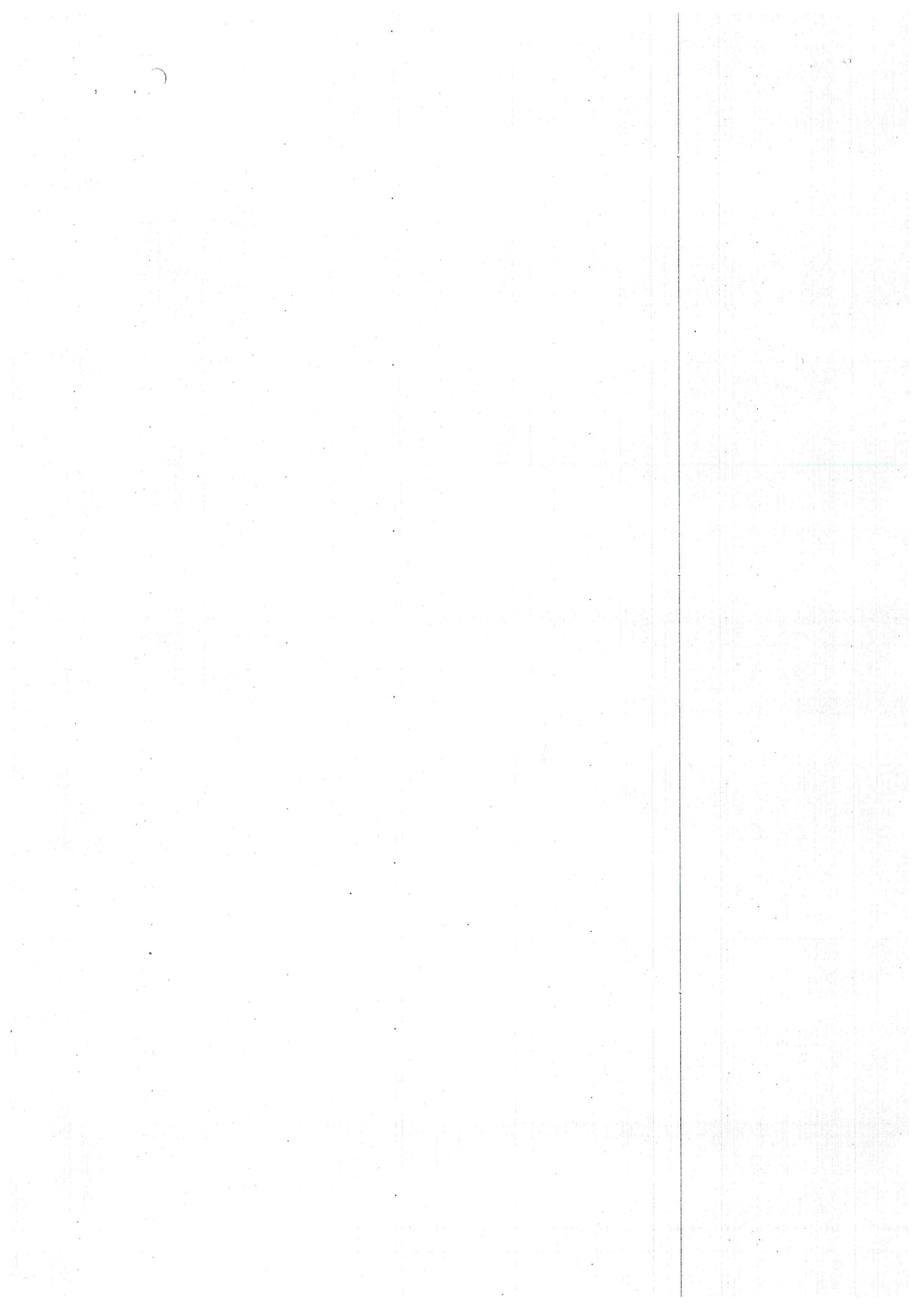
Encl: As Above

Yours faithfully,

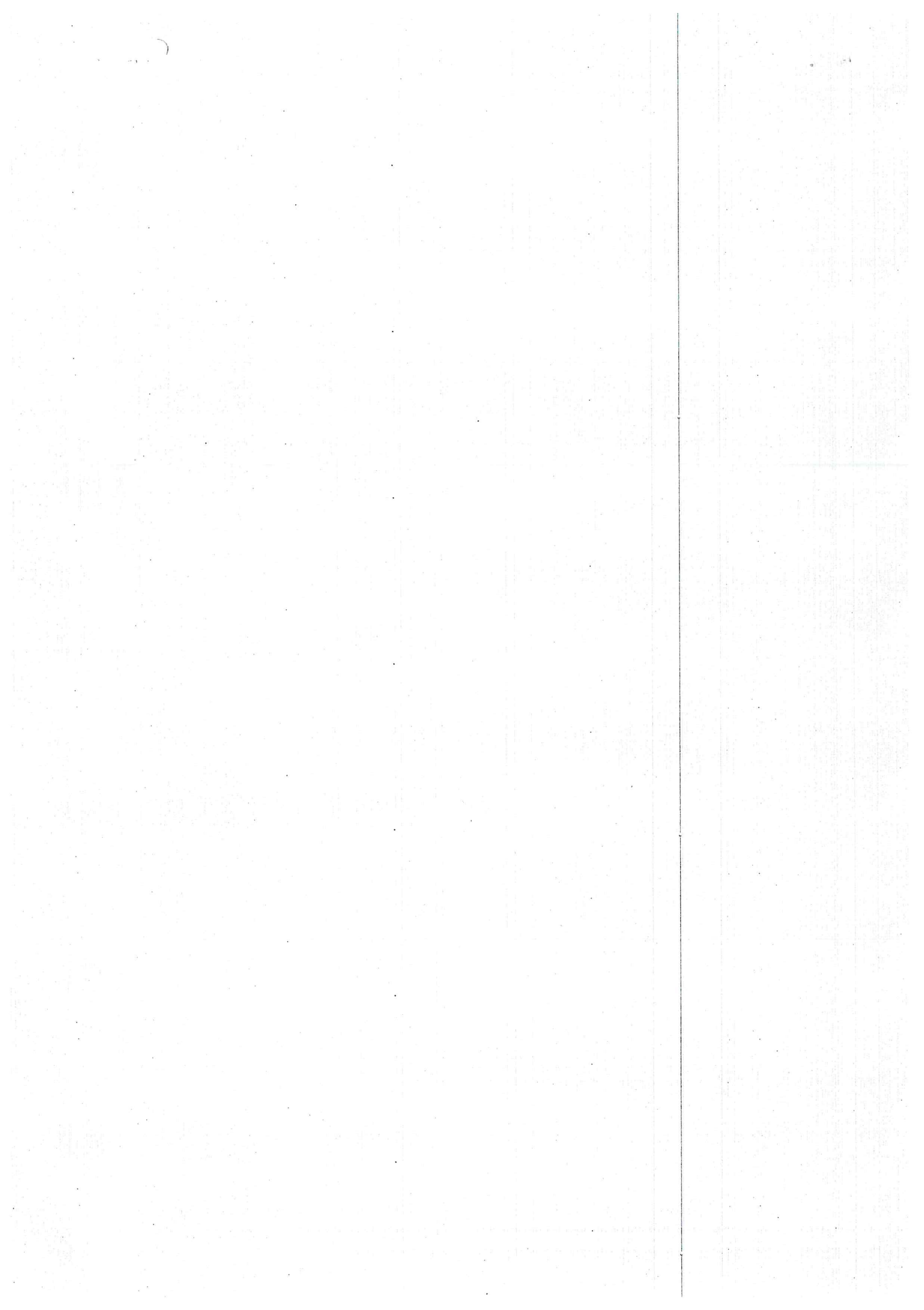
(Arvind Kumar)

Executive Director(C&R)

Category	Sub-Category	EC	Total EPPPA to be passed on Rs./kVAh/kV AH) ©
Domestic	DS-R	6.30 / kWh	-0.01
	DS-U	6.65 / kWh	-0.01
	DS HT	6.25 / kVAh	-0.01
Commercial	Rural (More than 5 kW)	6.10 / kWh	-0.01
	Urban (More than 5 kW)	6.65 / kWh	-0.01
LAS	LAS-I	5.30 / kWh	-0.01
	LAS-II	5.30 / kWh	-0.01
Industrial	LTS	6.05 / kVAh	-0.01
	HTS - 11KV	5.85 / kVAh	-0.01
	HTS - 33KV	5.85 / kVAh	-0.01
	HTS - 132KV	5.85 / kVAh.	-0.01
	HTSS - 11KV	5.20 / kVAh	-0.01
	HTSS - 33KV	5.20 / kVAh	-0.01
	RTS	5.60 / kVAh	-0.01
Institutional	Streetlight	7.00 / kWh	-0.01
	MES	5.60 / kVAh	-0.01



S.No	Description	Unit	Value	Remarks
A	Total units procured in the (n-2)th month (kWh)	kWh	1526166924.01	
i	Actual Power purchased from all the sources outside the State in (n-2)th Month (in kWh)	kWh	521317653.00	A-ii
ii	Power purchased from all the sources within the State (in kWh)	kWh	1004849271.01	Total units procured from DVC (except LH), State Solar, Inland, CPP, Sikdri and TVNL except 55.58 MUV to Biharsharif in January 2025
iii	Inter-state transmission losses in % as approved in Tariff Order	%	3.00%	
iv	Intra-state losses in % as approved in Tariff Order	%	2.23%	
v	Target Distribution Losses (from Tariff Order) in %	%	13.00%	
B	Bulk Sale of Power in (n-2)th month (kWh)	kWh	101937325.00	
vi	Actual Average Power Purchase cost from all sources in (n-2)th month (Rs./kWh) excluding DSM Charges	(Rs./kWh)	4.19	
vii	Total Power purchase cost as approved in ARR of FY 2024-25.	(Rs./Cr.)	6451.23	
viii	Total units procured as approved in ARR of FY 2024-25.	MU	14837.50	
ix	Projected average power purchase cost from all sources in (n-2)th month (Rs./kWh) from 'tariff Order excluding DSM Charges	(Rs./kWh)	4.35	
C	Incremental Average Power Purchase Cost (Rs./kWh)	(Rs./kWh)	-0.16	vi-ix
D	Actual Intra State and Inter State Transmission Charges in the (n-2)th Month	Rs.	813210998.56	
x	Total inter state transmission charges as approved in ARR of FY 2024-25	Rs.	3907500000.00	
xi	Total intra state transmission charges as approved in ARR of FY 2024-25	Rs.	3235000000.00	
E	Base Cost of Transmission Charges for (n-2)th Month (Rs.) = (Approved Transmission Charges / 12)	Rs.	600283333.3	
xii	Total revenue considered	(Rs. Cr.)	8390.63	
xiii	Total units sold	MU	11,055.39	
ABR	Average Billing Rate for the year (ABR) in (Rs./kWh) from Tariff Order	(Rs./kWh)	7.59	xii/xiii
Z	[Actual Power purchased from all the sources outside the State in (n-2)th Month. (in kWh) * (1 - Inter-state transmission losses in % / 100) + Power purchased from all the sources within the State (in kWh)] * (1 - Intra-state losses in % / 100) - B]	kWh	1423732903	((A*(1-iii/100) +ii)*(1-iv/100)-B)
a	Monthly FPPAS for the month of January 2025	%	-16334606.98	
b	{Z*(1-(D)Distribution Loss in (%/100))} * ABR FPPA Surcharge for the Month of January 2025	%	10791556146 -9.13%	a/b



S. N.		Name of Generating Stations		Details of Provisional Power Purchase during FY 2024-25						
				January-2025						
				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 Bill Amount (Crore Rs.)	Total Amount (Crore Rs.)
1	NTPC	Farrakka	69.46	30.16	4.34	5.42	0.00	0.92	31.08	5.56
		Farrakka III	27.56	13.69	4.97	6.05	0.00	0.57	14.26	6.26
		Khalagaon I	9.29	3.86	4.15	5.23	0.00	0.00	3.86	5.24
		Talcher	40.53	10.40	2.57	3.65	0.00	0.17	10.56	3.69
		Khalagaon II	6.83	2.45	3.58	4.66	0.00	0.00	2.45	4.66
		Barh I	18.99	11.03	5.81	6.89	0.000	-0.458	10.58	6.65
		Barh II	12.80	6.09	4.76	5.84	0.00	-0.03	6.06	5.82
		Korba	35.06	8.02	2.29	3.37	0.00	0.54	8.56	3.52
		Darlipalli	104.01	31.42	3.02	4.10	0.00	-0.22	31.20	4.08
		N. Karanpura	244.55	89.75	3.67	4.75	0.00	-0.46	89.29	4.73
		Kant Power	10.83	5.41	5.00	6.08	0.00	-0.03	5.38	6.05
		Nabinagar	17.09	9.15	5.35	6.44	0.00	1.12	10.27	7.09
		LPSC						1.38	1.38	
Rebate						0.00	0.00			
Total		597.00	221.43	3.71	4.79	0.00	3.50	224.94	4.85	
2	NHPC	Rangit	1.62	0.85	5.25	6.33	0.00	1.02	1.87	12.60
		Teesta	0.00	0.00	0.00	1.08	0.00	0.00	0.00	0.00
		LPSC						0.00	0.00	
Total		1.62	0.85	5.25	6.33	0.00	1.02	1.87	12.60	
3	PTC	Chukha	0.00	0.00	0.00	1.08	0.00	0.00	0.00	0.00
		Tala	0.00	0.00	0.00	1.08	0.00	0.00	0.00	0.00
		Kurichu	0.00	0.00	0.00	1.08	0.00	0.0000	0.00	0.00
		Mangdechhu	0.07	0.03	4.61	5.69	0.00	0.00	0.03	4.61
		Total		0.07	0.03	4.61	5.69	0.0000	0.0000	0.03
4 Total Central Sector		598.69	222.32	3.71	4.80	0.00	4.52	226.84	4.87	
5	DVC	KTPS (OA)	349.73	161.21	4.61				161.21	4.61
		Standby Power	0.99	0.78	7.85				0.78	7.85
		UI (Deviation)	-47.79	-15.22	3.18				-15.22	3.18
		Trans. Charge	-	6.20	-				6.20	
		HT Points	0.00	0.00	-				0.00	
Total		302.93	152.98	5.05		0.00	4.19	157.16	5.19	
7	TVNL	179.53	83.08	4.63	4.94	0.00	0.00	83.08	4.94	
8	UI Payable (Deviation)	10.46	17.99	17.20		0.00	0.00	17.99	17.20	
9	Reactive Energy Charge		0.25					0.25		
10	APNRL	Unit I	45.65	17.16	3.76			0.00	17.16	3.76
		Unit II	45.65	11.54	2.53			0.00	11.54	2.53
		66 MW	49.04	13.86	2.83			0.00	13.86	2.83
		ERLDC APNRL	-	0.00	-				0.00	
		Incentive/Adjust.	-	-0.34	-				-0.34	
		Total		140.34	42.23	3.01		0.00	0.00	42.23
11	SOLAR	SECI (700)	78.96	21.37	2.71	3.02	0.00	0.00	21.37	3.02
		SECI (10)	1.39	0.84	6.07	6.38	0.00	0.00	0.84	6.38
		State	1.37	2.46	17.96	17.96	0.00	0.00	2.46	17.96
		Total		81.72	24.67	3.02	3.33	0.00	0.00	24.67
12	Wind	PTC	41.17	14.53	3.53	3.84	0.00	0.00	14.53	3.84
		SECI	21.85	5.94	2.72	3.03	0.00	0.00	5.94	3.03
		Total		63.02	20.48	3.25	3.56	0.00	0.00	20.48
13	Inland Power Ltd.	38.02	17.76	4.67	4.98	0.00	0.00	17.76	4.98	
14	Power Exchange	Purchase	66.87	58.45	8.74		0.00	0.00	58.45	8.74
Sell		-101.94	-25.37	2.49		0.00	0.00	-25.37	2.49	
16	Total Purchase		1379.65	614.84	4.46		0.00	8.71	623.54	4.52
17	SRHPS (Generation)	7.25	1.57	0.00	0.31	0.00	0.00	1.57	2.48	
18	Grand Total		1386.90	616.41	4.44		0.00	8.71	625.11	
19	UI Receivable	-13.52	-9.51	7.04		0.00	0.00	-9.51		
20	SER-DSM	0.00	0.00			0.00	0.00	0.00		
21	Trans. Charge	PGCIL		46.00	0.77		0.00	0.00	46.00	
		Posoco (ERLDC)		0.21			0.00	0.00	0.21	
		JUSNL		35.11	0.31		0.00	0.00	35.11	
22	Not Unit		1373.38	688.21	5.01		0.00	8.71	696.92	5.07

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		Details of Provisional Power Purchase during FY 2024-25							
		January-2025							
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 Bill Amount (Crore Rs.)	Total Amount (Crore Rs.)	Overall Rate (Rs per unit)
		1526.17	MU	1526166924.01		kWh	Total Units Procured (A)		
		1004.85	MU	1004849271.01		kWh	Units Procured Outside State(i)		
		521.32	MU	521317653.00		kWh	Units Procured within State(ii)		
		639.00	Rs. Cr.	6389984086.95		Rs.	Total Cost of Units Procured		
		101.94	MU	101937325.00		kWh	Bulk Sale of Power (B)		
		4.19	Rs/kWh				Actual Avg Rate (vi)		
		81.32	Rs. Cr.	813210998.56		Rs.	Total Cost of Units Procured		