



JHARKHAND BIJLI VITRAN NIGAM LIMITED

(CIN: U40108JH2013SGC001702)

Regd. Office: Engineering Building, H.E.C., Dhurwa, Ranchi-834004,
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2400799

Letter No.....147.....
GM (Rev)/3037/2023

Dated.....28-04-2025

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 April, 2025.

Category	Sub-Category	Total FPPPA to be passed on Rs./(kWh/kVAh)
Domestic	DS-R	0.13
	DS-U	0.14
	DS HT	0.13
Commercial	Rural (More than 5 kW)	0.13
	Urban (More than 5 kW)	0.14
IAS	IAS-I	0.11
	IAS-II	0.11
Industrial	LTIS	0.12
	HTS - 11KV	0.12

	HTS - 33KV	0.12
	HTS - 132KV	0.12
	HTSS - 11KV	0.11
	HTSS - 33KV	0.11
Institutional	RTS	0.12
	Streetlight	0.14
	MES	0.12

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.

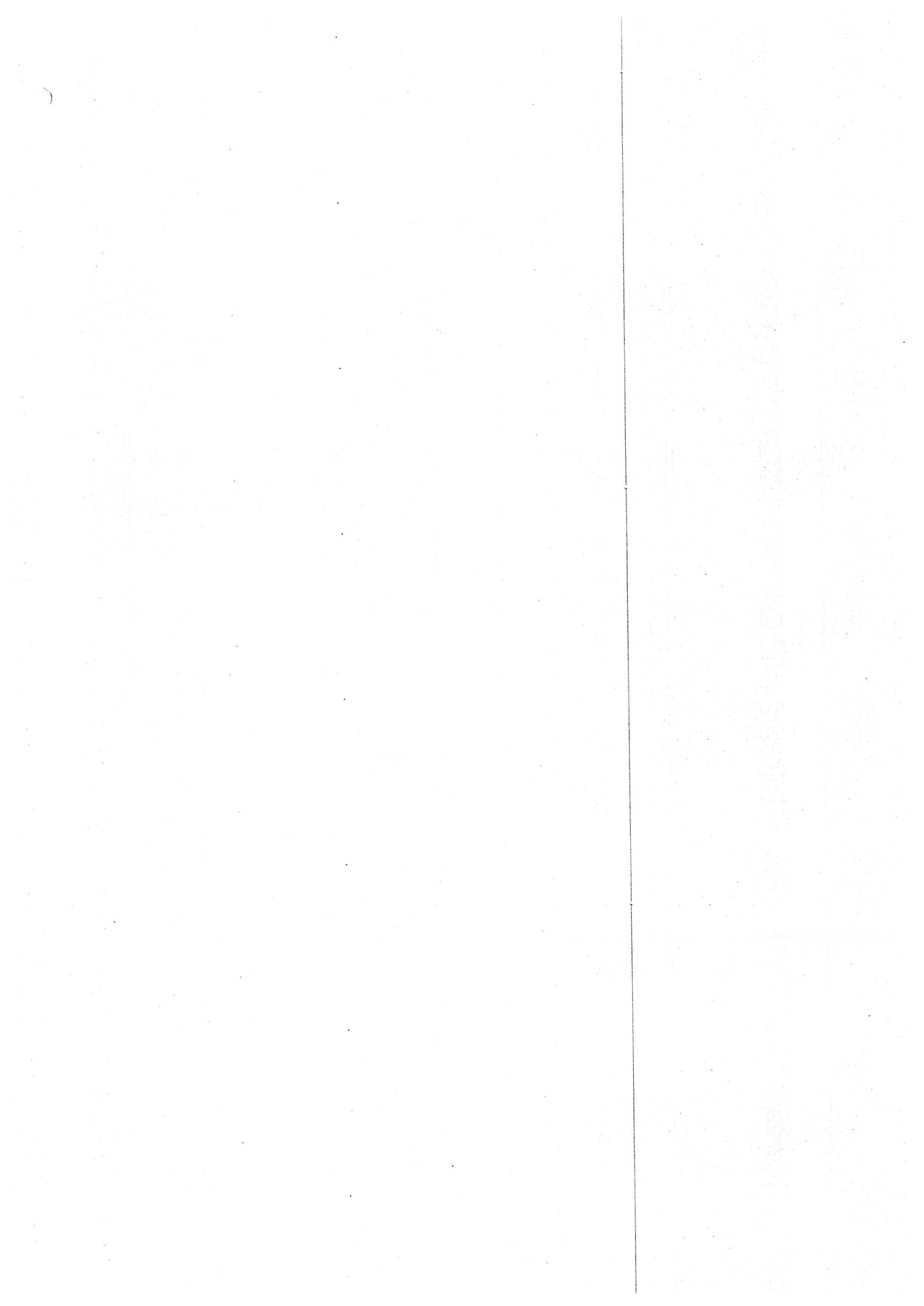
Encl: As Above

Yours faithfully,

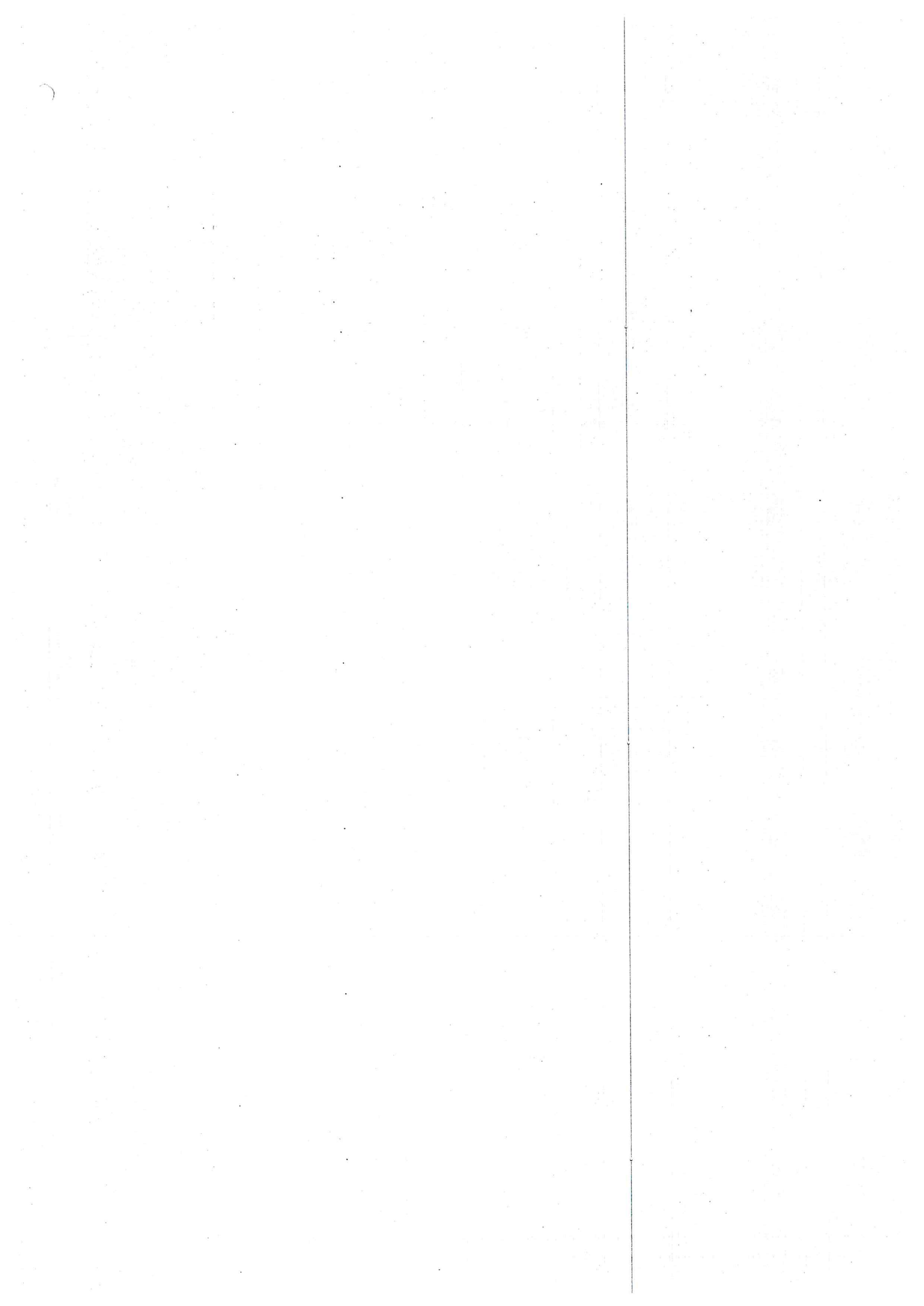

(Arvind Kumar)

Executive Director(C&R)

Category	Sub-Category	EC	Total FIPPPA to be passed on (Rs./((kWh/kVAh)) ^②)
Domestic	DS-R	6.30 / kWh	0.13
	DS-U	6.65 / kWh	0.14
	DS HT	6.25 / kVAh	0.13
Commercial	Rural (More than 5 kW)	6.10 / kWh	0.13
	Urban (More than 5 kW)	6.65 / kWh	0.14
IAS	IAS-I	5.30 / kWh	0.11
	IAS-II	5.30 / kWh	0.11
Industrial	LTS	6.05 / kVAh	0.12
	HTS - 11KV	5.85 / kVAh	0.12
	HTS - 33KV	5.85 / kVAh	0.12
	HTS - 132KV	5.85 / kVAh	0.12
	HTSS - 11KV	5.20 / kVAh	0.11
	HTSS - 33KV	5.20 / kVAh	0.11
Institutional	RTS	5.60 / kVAh	0.12
	Streetlight	7.00 / kWh	0.14
	MES	5.60 / kVAh	0.12



S.No.	Description	Units	Value	Remarks
A	Total units procured in the (n-2)th month (kWh)	kWh	1367644494.72	
i	Actual Power purchased from all the sources outside the State in (n-2)th Month (in kWh)	kWh	900779979.72	A-ii
ii	Power purchased from all the sources within the State (in kWh)	kWh	466864515.00	Total units procured from DVC (except UI), State Solar, Inland, CPP, Sikidri and TNL except 43-15 MU to Biharsharif in February 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	103157500.00	
vi	Actual Average Power Purchase cost from all sources in (n-2)th month (Rs./kWh) excluding DSM Charges	(Rs./kWh)	4.38	
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)	0.03	vi-ix
D	Actual Intra State and Inter State Transmission Charges in the (n-2)th Month	Rs.	762218671.56	
x	Total inter state transmission charges as approved in ARR of FY 2024-25	Rs.	3967500000.00	
xi	Total intra state transmission charges as approved in ARR of FY 2024-25	Rs.	3235900000.00	
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	1263911836	((A*(i-iii)/100) + ii)*(1-iv/100)-B)
	Monthly FPPAS for the month of February 2025	%		
a	$(A-B)*C+(D-E)$	Rs.	197929497.7	
b	$\{Z*(1 - (Distribution Loss in \% / 100))\} * ABR$ FPPA Surcharge for the Month of February 2025	%	9580150541 2.07%	a/b



S. N.		Name of Generating Stations		Details of Provisional Power Purchase during FY 2024-25						
				February-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	67.13	28.51	4.25	5.30	0.00	0.01	28.52	5.31
		Farrakka III	34.19	15.81	4.62	5.68	0.00	0.33	16.14	5.78
		Khalagaon I	9.69	4.03	4.16	5.21	0.00	0.68	4.71	5.92
		Talcher	39.05	9.68	2.48	3.54	0.00	1.07	10.75	3.81
		Khalagaon II	6.29	2.33	3.71	4.77	0.00	0.00	2.33	4.77
		Barh I	40.44	23.37	5.78	6.84	0.000	0.008	23.37	6.84
		Barh II	9.43	4.99	5.30	6.35	0.00	-0.01	4.98	6.34
		Korba	31.64	7.76	2.45	3.51	0.00	0.43	8.19	3.64
		Darlipalli	94.77	28.85	3.04	4.10	0.00	0.35	29.19	4.14
		N. Karanpura	187.78	74.11	3.95	5.00	0.00	-0.05	74.06	5.00
		Kantl Power	9.09	5.13	5.64	6.70	0.00	1.06	6.19	7.87
		Nabinagar	19.14	9.40	4.91	5.97	0.00	0.00	9.40	5.97
		LPSC						0.74	0.74	
Rebate						0.00	0.00			
Total		548.63	213.97	3.90	4.96	0.00	4.61	218.57	5.04	
2	NHPC	Rangit	1.36	0.76	5.61	6.66	0.00	0.24	1.01	8.44
		Teesta	0.00	0.00	0.00	1.06	0.00	0.00	0.00	0.00
		LPSC						0.00	0.00	
Total		1.36	0.76	5.61	6.66	0.00	0.24	1.01	8.44	
3	PTC	Chukha	0.00	0.00	0.00	1.06	0.00	0.00	0.00	0.00
		Tala	0.00	0.00	0.00	1.06	0.00	0.00	0.00	0.00
		Kurichu	0.00	0.00	0.00	1.06	0.00	-0.0157	-0.02	0.00
		Mangdechhu	0.06	0.03	4.61	5.67	0.00	0.00	0.03	4.61
Total		0.06	0.03	4.61	5.67	0.0000	-0.0157	0.01	2.08	
4	Total Central Sector	550.05	214.76	3.90	4.96	0.00	4.83	219.59	5.05	
5	DVC	KTPS (OA)	305.30	149.02	4.88				149.02	4.88
		Standby Power	0.00	0.00	0.00				0.00	0.00
		UI (Deviation)	-31.88	-10.93	3.43				-10.93	3.43
		Trans. Charge	-	6.20	-				6.20	
		HT Points	0.00	0.00	-				0.00	
Total		273.41	144.29	5.28		0.00	4.19	148.48	5.43	
7	TVNL	162.03	75.25	4.64	4.95	0.00	0.00	75.25	4.95	
8	UI Payable (Deviation)	4.27	11.16	26.17		0.00	0.00	11.16	26.17	
9	Reactive Energy Charge		0.23					0.23		
10	APNRL	Unit I	41.11	16.85	4.10			0.00	16.85	4.10
		Unit II	41.11	16.91	4.11			0.00	16.91	4.11
		56 MW	44.17	18.61	4.21			0.00	18.61	4.21
		ERLDC APNRL	-	0.00	-				0.00	
		Incentive/Adjust.	-	0.00	-				0.00	
Total		126.38	52.37	4.14		0.00	0.00	52.37	4.14	
11	SOLAR	SECI (700)	80.20	21.69	2.70	3.01	0.00	0.00	21.69	3.01
		SECI (10)	1.32	0.81	6.09	6.40	0.00	0.00	0.81	6.40
		State	1.44	2.58	17.93	17.93	0.00	0.00	2.58	17.93
		Total		82.97	25.07	3.02	3.33	0.00	0.00	25.07
12	Wind	PTC	32.22	11.37	3.53	3.84	0.00	0.00	11.37	3.84
		SECI	17.54	4.77	2.72	3.03	0.00	0.00	4.77	3.03
		Total		49.76	16.14	3.24	3.55	0.00	0.00	16.14
13	Inland Power Ltd.	32.04	15.83	4.94	5.25	0.00	0.00	15.83	5.25	
14	Power Exchange	Purchase	49.91	41.94	8.40		0.00	1.31	43.24	8.66
		Sell	-103.16	-28.52	2.77		0.00	0.00	-28.52	2.77
16	Total Purchase	1227.66	568.52	4.63		0.00	10.33	578.85	4.72	
17	SRHPS (Generation)	9.21	1.72	0.00	0.31	0.00	0.00	1.72	2.18	
18	Grand Total	1236.87	570.24	4.61		0.00	10.33	580.57		
19	UI Receivable	-12.87	-8.81	6.84		0.00	0.00	-8.81		
20	SER-DSM	0.00	0.00			0.00	0.00	0.00		
21	Trans. Charge	PGCIL		40.90	0.75		0.00	0.00	40.90	
		Posoco (ERLDC)		0.21			0.00	0.00	0.21	
		JUSNL		35.11	0.31		0.00	0.00	35.11	
22	Net Unit	1224.00	637.66	5.21		0.00	10.33	647.99	5.29	

		Details of Provisional Power Purchase during FY 2024-25							
		February-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)
		1367.64	MU	1367644494.72		kWh		Total Units Procured (A)	
		900.78	MU	900779979.72		kWh		Units Procured Outside State(i)	
		466.86	MU	466864515.00		kWh		Units Procured within State(ii)	
		598.53	Rs. Cr.	5985342843.52		Rs.		Total Cost of Units Procured	
		103.16	MU	103157500.00		kWh		Bulk Sale of Power (B)	
		4.38	Rs./kWh					Actual Avg Rate (vi)	
		76.22	Rs. Cr.	762218671.56		Rs.		Total Cost of Units Procured	