



JHARKHAND BIJLI VITRAN NIGAM LIMITED

(CIN: U40108JH2013SGC001702)

Regd. Office: *Engineering Building, H.E.C., Dhurwa, Ranchi-834004,*
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Letter No. 46.....

GM (Rev)/3037/2023

Dated. 27-02-2025

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 February, 2025.

Category	Sub-Category	Total FPPPA to be passed on Rs./(kWh/kVAh)
Domestic	DS-R	0.19
	DS-U	0.20
	DS HT	0.19
Commercial	Rural (More than 5 kW)	0.18
	Urban (More than 5 kW)	0.20
IAS	IAS-I	0.16
	IAS-II	0.16
Industrial	LTIS	0.18
	HTS - 11KV	0.18

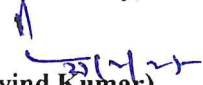
	HTS - 33KV	0.18
	HTS - 132KV	0.18
	HTSS - 11KV	0.16
	HTSS - 33KV	0.16
Institutional	RTS	0.17
	Streetlight	0.21
	MES	0.17

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)

S.No.	Parameters	Units	Value	Remarks
A	Total units procured in the (n-2)th month (kWh)	kWh	1484292606.18	
i	Actual Power purchased from all the sources outside the State in (n-2)th Month (in kWh)	kWh	970023603.18	A-ii
ii	Power purchased from all the sources within the State (in kWh)	kWh	514269003.00	Total units procured from DVC (except UJ), State Solar, Inland, CPP, Sikdr and TVNL except 60.03 MU to Biharsharif in December 2024.
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	104860325.00	
vi	Actual Average Power Purchase cost from all sources in (n-2)th month (Rs./kWh) excluding DSM Charges	(Rs./kWh)	4.44	
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)	0.10	vi-ix
D	Actual Intra State and Inter State Transmission Charges in the (n-2)th Month	Rs.	783809525.56	
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	1378810342	((A*(1-iii/100) +ii)*(1-iv/100)-B)
a	Monthly FPPAS for the month of December 2024	%		
b	$\frac{(A-B)*C+(D-E)}{\{Z*(1-(Distribution Loss in \%/100))\}} * ABR$ FPPA Surcharge for the Month of December 2024	Rs. %	316924648.5 10451053834 3.03%	a/b

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S. N.	Name of Generating Stations		Details of Provisional Power Purchase during FY 2024-25							
			December-2024							
			Units purchased (MU)	Cost of Purchase (Crore Rs.)	Per Unit Rate (Rs per unit)	Per Unit Rate including Trans. Charge (Rs per unit)	Suppl. Qty. (MU)	Suppl. Bill Amount (Crore Rs.)	Total Amount (Crore Rs.)	Overall Rate (Rs per unit)
1	NTPC	Farrakka	51.71	23.53	4.55	5.61	0.00	0.29	23.82	5.67
		Farrakka III	31.36	15.29	4.88	5.94	0.00	0.16	15.45	5.99
		Khalagaon I	11.51	4.67	4.06	5.12	0.00	0.04	4.71	5.15
		Talcher	41.93	11.28	2.69	3.75	0.00	0.30	11.57	3.82
		Khalagaon II	5.37	2.09	3.90	4.96	0.00	0.70	2.79	6.26
		Barh I	49.35	28.09	5.69	6.75	0.000	0.496	28.59	6.85
		Barh II	10.50	5.26	5.01	6.07	0.00	0.08	5.34	6.15
		Korba	35.06	8.64	2.47	3.53	0.00	0.41	9.05	3.64
		Darlipalli	88.50	26.99	3.05	4.11	0.00	1.17	28.16	4.24
		N. Karanpura	228.17	83.32	3.65	4.71	0.00	2.50	85.82	4.82
		Kantl Power	5.59	3.87	6.92	7.98	0.00	1.83	5.69	11.25
		Nabinagar	15.47	8.49	5.49	6.55	0.00	0.14	8.63	6.64
		LPSC						1.86	1.86	
Rebate						0.00	0.00			
	Total	574.50	221.53	3.86	4.92	0.00	9.96	231.49	5.09	
2	NHPC	Rangit	2.17	1.13	5.21	6.27	0.00	0.80	1.93	9.95
		Teesta	0.00	0.00	0.00	1.06	0.00	2.85	2.85	0.00
		LPSC						0.00	0.00	
		Total	2.17	1.13	5.23	6.29	0.00	3.65	4.78	23.09
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	0.0000	0.00	
		Mangdechhu	0.06	0.03	4.61	5.67	0.00	0.00	0.03	5.67
		Total	0.06	0.03	4.61	5.67	0.0000	0.0000	0.03	5.67
4	Total Central Sector	576.73	222.69	3.86	4.92	0.00	13.61	236.30	5.16	
5	DVC	KTPS (OA)	330.65	151.70	4.59				151.70	4.59
		Standby Power	0.00	0.00	0.00				0.00	#DIV/0!
		UI (Devlation)	-28.61	-9.03	3.16				-9.03	3.16
		Trans. Charge	-	6.20	-				6.20	
		HT Points	0.00	0.00	-				0.00	
		Total	302.04	148.87	4.93		0.00	0.00	148.87	4.93
7	TVNL	204.45	91.54	4.48	4.79	0.00	0.00	91.54	4.79	
8	UI Payable (Deviation)	3.96	10.52	26.59		0.00	0.00	10.52	26.59	
9	Reactive Energy Charge		38.45					38.45		
10	APNRL	Unit I	45.70	17.37	3.80			0.00	17.37	3.80
		Unit II	45.70	17.43	3.81			0.00	17.43	3.81
		66 MW	49.10	19.17	3.90			0.00	19.17	3.90
		ERLDC APNRL	-	0.00	-				0.00	
		Incentive/Adjust.	-	-	-				-	
		Total	140.50	53.96	3.84		0.00	0.00	53.96	3.84
11	SOLAR	SECI (700)	75.72	20.53	2.71	3.02	0.00	0.00	20.53	3.02
		SECI (10)	1.31	0.80	6.13	6.44	0.00	0.00	0.80	6.44
		State	1.33	2.38	17.94	17.94	0.00	0.00	2.38	17.94
		Total	78.35	23.72	3.03	3.34	0.00	0.00	23.72	3.34
12	Wind	PTC	45.54	16.07	3.53	3.84	0.00	0.00	16.07	3.84
		SECI	28.89	7.86	2.72	3.03	0.00	0.00	7.86	3.03
		Total	74.43	23.93	3.22	3.53	0.00	0.00	23.93	3.53
13	Inland Power Ltd.	30.63	16.10	5.26	5.57	0.00	0.00	16.10	5.57	
14	Power Exchange	Purchase	41.30	30.36	7.35		0.00	0.01	30.37	7.35
15		Sell	-104.86	-26.02	2.48		0.00	0.00	-26.02	2.48
16		Total Purchase	1347.53	634.12	4.71		0.00	13.62	647.74	4.81
17	SRHPS (Generation)	7.25	1.07	0.00	0.31	0.00	0.00	1.07	1.79	
18	Grand Total	1354.78	635.19	4.69		0.00	13.62	648.81		
19	UI Receivable	-16.66	-8.40	5.04		0.00	0.00	-8.40		
20	SER-DSM	0.00	0.00			0.00	0.00	0.00		
21	Trans. Charge	PGCIL		43.06			0.00	0.04	43.09	
		Posoco (ERLDC)		0.21	0.75		0.00	0.00	0.21	
		JUSNL		35.11	0.31		0.00	0.00	35.11	
22	Not Unit	1338.12	705.17	5.27		0.0000	13.66	718.83	5.37	

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Details of Provisional Power Purchase during FY 2024-25									
December-2024									
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FPPA									
		1484.29	MU	1484292606.18		kWh		Total Units Procured (A)	
		970.02	MU	970023603.18		kWh		Units Procured Outside State(I)	
		514.27	MU	514269003.00		kWh		Units Procured within State(II)	
		659.71	Rs. Cr.	6597128218.37		Rs.		Total Cost of Units Procured	
		104.86	MU	104860325.00		kWh		Bulk Sale of Power (B)	
		4.44	Rs/kWh					Actual Avg Rate (vi)	
		78.38	Rs. Cr.	783809525.56		Rs.		Total Cost of Units Procured	