



# JHARKHAND BIJLI VITRAN NIGAM LIMITED

(CIN: U40108JH2013SGC001702)

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

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Letter No.....208.....

GM (Rev)/3037/2023

Dated.....29-08-2024.....

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**

**M/s HCL 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 August, 2024.

Category	Slab	Total FPPPA to be passed on Rs./(kWh/kVAh)
Domestic	DS-R	0.36
	DS-U	0.38
	DS HT	0.36
Commercial	Rural (More than 5 kW)	0.35
	Urban (More than 5 kW)	0.38
IAS	IAS-I	0.31
	IAS-II	0.31
Industrial	LTIS	0.35
	HTS - 11KV	0.34
	HTS - 33KV	0.34
	HTS - 132KV	0.34
	HTSS - 11KV	0.30
	HTSS - 33KV	0.30
Institutional	RTS	0.32
	Streetlight	0.40
	MES	0.32



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)



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Sl. No.	Parameter	Units	Value	Remarks
A	Total units procured in the (n-2)th month (kWh)	kWh	1611479427.00	Total units procured in June 2024 except UI deviation.
i	Actual Power purchased from all the sources outside the State in (n-2)th Month (in kWh)	kWh	1083299823.00	A-ii
ii	Power purchased from all the sources within the State (in kWh)	kWh	528179604.00	Total units procured from DVC (except UI), State Solar, Inland, CPP, Sikidri and TNVL except 27.48 MU to Biharhariff in June 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	14468060.00	Sale of power through power exchange has been considered for June 2024
vi	Actual Average Power Purchase cost from all sources in (n-2)th month (Rs./kWh) excluding DSM Charges	(Rs./kWh)	4.45	Actual Avg Power Purchase taken for the month of June 2024 excluding PTC Sale and UI Charges
vii	Total Power purchase cost as approved in ARR of FY 2024-25.	(Rs./Cr.)	5881.88	TO dtd 28.02.2024.
viii	Total units procured as approved in ARR of FY 2024-25.	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)	0.19	vi-ix
D	Actual Intra State and Inter State Transmission Charges in the (n-2)th Month	Rs.	856075030.81	Actual PGCIL, POSOCO and JUSNL charges has been considered for the month of April 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.

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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 dttd 28.02.2024.  (X+XI)/12
xii	Total revenue considered	(Rs. Cr.)	6991.69	As approved in ARR of FY 2023-24 at proposed tariff in TO dttd 28.02.2024.
xiii	Total units sold	MT	10,044.63	As approved in ARR of FY 2023-24 at proposed tariff in TO dttd 28.02.2024.
ABR	Average Billing Rate for the year (ABR) in (Rs./kWh) from Tariff Order	(Rs./kWh)	6.96	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	1596327090	((A*(1-iii/100) +ii)*(1-iv/100)-B)
a	Monthly FPPAS for the month of June' 2024	%	649588043.6	
b	(A-B)*C+(D-E)	Rs.	11096988956	
c	{Z*(1- (Distribution Loss in (%)/100))} * ABR	%	5.85%	a/b
d	FPPPA Surcharge for the Month of June			



Details of Provisional Power Purchase during FY 2024-25																					
S. N.	Name of Generating Stations	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)	June-2024											
										Total Units Procured (A)	Units Procured Outside State(ii)	Units Procured within State(iii)	Total Cost of Units Procured	Bulk Sale of Power (B)	Actual Avg Rate (vi)	Total Cost of Units Procured					
		1611.48	MU	1611479427.00	kWh	1611479427.00															
		1083.30	MU	1083299823.00	kWh	1083299823.00															
		528.18	MU	528179604.00	kWh	528179604.00															
		716.37	Rs. Cr.	7163745431.90	Rs.	7163745431.90															
		14.47	MU	14468060.00	kWh	14468060.00															
		4.45	Rs/kWh																		
		85.61	Rs. Cr.	856075030.81	Rs.	856075030.81															

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