



JHARKHAND BIJLI VITRAN NIGAM LIMITED

(CIN: U40108JH2013SGC001702)

Regd. Office: *Engineering Building, H.E.C., Dhurwa, Ranchi-834004,*
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Letter No. 19
GM (Rev)/3037/2023

Dated... 30-01-2025

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 January, 2025.

Category	Sub-Category	Total FPPPA to be passed on Rs./(kWh/kVAh)
Domestic	DS-R	0.02
	DS-U	0.03
	DS HT	0.02
Commercial	Rural (More than 5 kW)	0.02
	Urban (More than 5 kW)	0.03
IAS	IAS-I	0.02
	IAS-II	0.02
Industrial	LTIS	0.02
	HTS - 11KV	0.02

	HTS - 33KV	0.02
	HTS - 132KV	0.02
	HTSS - 11KV	0.02
	HTSS - 33KV	0.02
Institutional	RTS	0.02
	Streetlight	0.03
	MES	0.02

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 PPA to be passed 01 Rs./kWh/kV Ah) ©
Domestic	DS-R	6.30 / kWh	0.02
	DS-U	6.65 / kWh	0.03
	DS HT	6.25 / kVAh	0.02
Commercial	Rural (More than 5 kW)	6.10 / kWh	0.02
	Urban (More than 5 kW)	6.65 / kWh	0.03
IAS	IAS-I	5.30 / kWh	0.02
	IAS-II	5.30 / kWh	0.02
Industrial	LITS	6.05 / kVAh	0.02
	HTS - 11KV	5.85 / kVAh	0.02
	HTS - 33KV	5.85 / kVAh	0.02
	HTS - 132KV	5.85 / kVAh	0.02
	HTSS - 1KV	5.20 / kVAh	0.02
Institutional	RTS	5.60 / kVAh	0.02
	Streetlight	7.00 / kWh	0.03
	MES	5.60 / kVAh	0.02

S.No.	Parameters	Units	Value	Remarks
A	Total units procured in the (n-2)th month (kWh)	kWh	1457692447.69	
i	Actual Power purchased from all the sources outside the State in (n-2)th Month (in kWh)	kWh	965168314.69	A-ii
ii	Power purchased from all the sources within the State (in kWh)	kWh	492524133.00	Total units procured from DVC (except UI), State Solar, Inland, CPP, Sikdn and TVNL except 66.5 MU to Biharsharif in November 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	146679160.00	
vi	Actual Average Power Purchase cost from all sources in (n-2)th month (Rs./kWh) excluding DSM Charges	(Rs./kWh)	4.15	
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)	-0.20	vi-ix
D	Actual Intra State and Inter State Transmission Charges in the (n-2)th Month	Rs.	895921173.56	
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.	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	1310398736	((A*(1-iii)/100) +ii)*(1-iv/100)-B)
	Monthly PPPAS for the month of November 2024	%		
a	(A-B)*C+(D-E)	Rs.	38484093.65	
b	{Z*(1 - (Distribution Loss in (%/100))} * ABR	%	993210165	
	PPPA Surcharge for the Month of November 2024	%	0.39%	a/b

S. No.	Name of Generating Stations	Units purchased (MU)	Cost of purchase (Crore Rs.)	Per Unit Rate (Rs per unit)	Incl. Trans. Charge (Rs per unit)	Suppl. Qty. (MU)	Suppl. Bill Amount (Crore Rs.)	Total Amount (Crore Rs.)	Overall Rate (Rs per unit)	November-2024	
										Details of Provisional Power Purchase during FY 2024-25	
1	NTPC	Farraka III	66.03	27.98	4.24	5.41	2.38	30.36	5.77		
		Farraka II	38.18	16.93	4.43	5.61	1.77	18.70	6.07		
		Khalgaon I	10.87	4.02	3.70	4.87	0.00	1.01	5.03	5.80	
		Talcher	44.17	11.88	2.69	3.86	0.00	0.15	12.03	3.90	
		Khalgaon II	5.72	2.00	3.50	4.67	0.00	0.00	2.00	4.67	
		Barh I	53.28	28.93	5.43	6.60	0.000	0.007	28.94	6.61	
		Barh II	7.03	4.19	5.96	7.13	0.00	-0.03	4.15	7.09	
		Korba	33.84	8.71	2.57	3.75	0.00	0.42	9.12	3.87	
		Darlipalli	102.05	28.99	2.84	4.01	0.00	0.37	29.36	4.05	
		N. Karanpura	235.81	85.98	3.65	4.82	0.00	-0.01	85.97	4.82	
		Kant Power	7.33	4.29	5.86	7.03	0.00	0.05	4.34	7.10	
		Nabnagar	21.61	9.85	4.56	5.73	0.00	0.00	9.86	5.73	
	Lpsc						0.97				
	Rabate						0.00				
	Total	625.90	233.74	3.73	4.91	0.00	7.09	240.83	5.02		
	Rangit	3.65	1.49	4.09	5.27	0.00	0.00	1.49	5.27		
	Teesta	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00		
	Lpsc						0.00				
2	NHPC										
	Total	3.65	1.50	4.11	5.28	0.00	0.00	1.50	5.28		
	Chukha	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Tala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Kurchu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Mangdechhu	0.90	0.41	0.00	0.00	0.00	0.00	0.41	14.91		
	Total	0.90	0.41	0.00	0.00	0.00	0.00	0.41	10.02		
4	Total Central Sector	630.45	235.65	3.74	4.91	0.00	7.09	242.75	5.02		
	KTPS (OA)	323.19	158.36	4.90	4.90	0.00	0.00	158.36	4.90		
	Standby Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	UI (Deviation)	-38.61	-10.85	2.81				-10.85	2.81		
	Trans. Charge	-	6.20	-				6.20			
	HT Points	0.00	0.00	-				0.00			
	Total	284.58	153.71	5.40			1.98	155.69	5.47		
7	TVNL	194.22	84.72	4.36	4.67	0.00	0.00	84.72	4.67		
	UI Payable (Deviation)	0.53	4.35	81.35				4.31			
	Reactive Energy Charge	0.23						0.23			
	Unit I	40.85	16.70	4.09				16.70	4.09		
	Unit II	40.85	16.76	4.10				16.76	4.10		
	66 MW	43.89	18.23	4.15				18.23	4.15		
	ERLDC APNRL	-	0.00	-				0.00			
	Incentive/Adjust.	-	-	-				-			
	Total	125.59	51.69	4.12			0.00	51.69	4.12		
	SECI (700)	80.52	21.77	2.70	3.01	0.00	0.00	21.77	3.01		
	SECI (10)	1.35	0.82	6.08	6.99	0.00	0.00	0.82	6.41		
	State	1.30	2.33	17.96	17.96	0.00	0.00	2.33	17.96		
	Total	83.16	24.92	3.00	3.31	0.00	0.00	24.92	3.31		
	PTC	32.07	11.32	3.53	3.84	0.00	0.00	11.32	3.84		
	SECI	11.37	2.72	3.03	3.63	0.00	0.00	3.03	3.63		
	Total	43.44	14.41	3.32	3.63	0.00	0.00	14.41	3.63		
	Inland Power Ltd.	32.37	16.89	5.22	5.53	0.00	0.00	16.89	5.53		
	Purchase	17.32	11.05	6.38				10.62	6.13		
	Sell	-146.68	-34.11	2.33				-34.11	2.33		
	Total Purchase	1264.99	563.51	4.45	4.45	0.00	8.61	572.12	4.52		
	SRHPS (Generation)	1.07	1.07	0.00	0.31	0.00	0.00	1.07	1.66		
	Grand Total	1272.94	564.58	4.44			8.61	573.19			
	UI Receivable	-33.22	-11.67	3.51			0.00	-11.67			
	SER-DSM	0.00	0.00				0.00	0.00			
	PGCIL	54.27		0.86			0.00	54.74			
	Posoco (ERLDC)	0.21		0.31			0.00	0.21			
	JUSNL	35.11		0.31			0.00	35.11			
	Not Unit	1239.72	642.50	5.18			9.08	651.58	5.26		
FPPA											

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