



JHARKHAND BIJLI VITRAN NIGAM LIMITED

(CIN: U40108JH2013SGC001702)

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Letter No.....133
GM (Rev)/3037/2023

Dated.....28-06-2024

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 June, 2024.

Category	Slab	Total FPPPA to be passed on Rs./(kWh/kVAh)
Domestic	DS-R	-0.06
	DS-U	-0.07
	DS HT	-0.06
Commercial	Rural (More than 5 kW)	-0.06
	Urban (More than 5 kW)	-0.07
IAS	IAS-I	-0.05
	IAS-II	-0.05
Industrial	LTIS	-0.06
	HTS - 11KV	-0.06
	HTS - 33KV	-0.06
	HTS - 132KV	-0.06

	HTSS - 11KV	-0.05
	HTSS - 33KV	-0.05
Institutional	RTS	-0.06
	Streetlight	-0.07
	MES	-0.06

GM (Revenue) is requested to implement the same in the billing system on priority basis as well as 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)

Calculation of Category wise PPA for APRIL'24.

Category	Sub-Category	EC	FC	(-ve) 0.99% of EC Rs./ (kWh/kV Ah) ©	Total PPA to be passed on Rs./ (kWh/kVAh) (d)	Remaining for True Up Rs./ (kWh/kVAh) (e) = d-c
Domestic	DS-R	6.30 / kWh	75.00 / Conn. / Month	-0.06	-0.06	0.00
	DS-U	6.65 / kWh	100.00 / Conn. / Month	-0.07	-0.07	0.00
	DS HT	6.25 / kVAh	150.00 / kVA / Month	-0.06	-0.06	0.00
Commercial	Rural (More than 5 kW)	6.10 / kWh	120.00 / kW / Month	-0.06	-0.06	0.00
	Urban (More than 5 kW)	6.65 / kWh	200.00 / kW / Month	-0.07	-0.07	0.00
IAS	IAS-I	5.30 / kWh	50.00 / HP / Month	-0.05	-0.05	0.00
	IAS-II	5.30 / kWh	50.00 / HP / Month	-0.05	-0.05	0.00
Industrial	LTIIS	6.05 / kVAh	150 / kVA / Month	-0.06	-0.06	0.00
	HTS - 11KV	5.85 / kVAh	400 / kVA / Month	-0.06	-0.06	0.00
	HTS - 33KV	5.85 / kVAh	400 / kVA / Month	-0.06	-0.06	0.00
	HTS - 132KV	5.85 / kVAh	400 / kVA / Month	-0.06	-0.06	0.00
	HTSS - 11KV	5.20 / kVAh	400 / kVA / Month	-0.05	-0.05	0.00
Institutional	HTSS - 33KV	5.20 / kVAh	400 / kVA / Month	-0.05	-0.05	0.00
	RTS	5.60 / kVAh	400 / kVA / Month	-0.06	-0.06	0.00
Streetlight	Streetlight	7.00 / kWh	250.00 / kW / Month	-0.07	-0.07	0.00
	MES	5.60 / kVAh	400 / kVA / Month	-0.06	-0.06	0.00

Calculation of PRRPA (in %) for the month APRIL, 2024.

S No	Parameters	Units	Value	Remarks
A	Total units procured in the (n-2)th month (kWh)	kWh	1555077888.20	Total units procured in April 2024 except UI deviation.
i	Actual Power purchased from all the sources outside the State in (n - 2)th Month (in kWh)	kWh	979958155.20	A-ii
ii	Power purchased from all the sources within the State (in kWh)	kWh	575119733.00	Total units procured from DVC (except UI), State Solar, Inland, CPP, Sikidri and TNVL except 41.28MU to Biharsharif in April 2024.
iii	Inter-state transmission losses in % as approved in Tariff Order	%	3.00%	As approved in ARR of FY 2023-24 in TO didd 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 didd 28.02.2024
v	Target Distribution Losses (from Tariff Order) in %	%	13.00%	As approved in ARR of FY 2023-24 in TO didd 28.02.2024
B	Bulk Sale of Power in (n-2)th month (kWh)	kWh	55582602.50	Sale of power through power exchange has been considered for April 2024
vi	Actual Average Power Purchase cost from all sources in (n-2)th month (Rs./kWh) excluding DSM Charges	(Rs./kWh)	4.09	Actual Avg Power Purchase taken for the month of April 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 didd 28.02.2024.
viii	Total units procured as approved in ARR of FY 2024-25.	MU	13834.57	TO didd 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 didd 28.02.2024.
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.	656497822.53	Actual PGCL, 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 didd 28.02.2024.
xi	Total intra state transmission charges as approved in ARR of FY 2023-24.	Rs.	2604900000.00	TO didd 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 dtd 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 dtd 28.02.2024.
xiii	Total units sold	MU	10,044.63	As approved in ARR of FY 2023-24 at proposed tariff in TO dtd 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	1498854581	((A*(1-iii/100) +ii)*(1-iv/100)-B)
a	Monthly FPPAS for the month of April 2024 (A-B)*C+(D-E)	%	-102979405.7	
b	{Z*(1- (Distribution Loss in (%/100))} * ABR FPPA Surcharge for the Month of April 2024	%	10419401415 -0.99%	a/b