



JHARKHAND BIJLI VITRAN NIGAM LIMITED

(CIN: U40108JH2013SGC001702)

Regd. Office: Engineering Building, H.E.C., Dhurwa, Ranchi-834004,  
Email: -cecr2018@gmail.com, Telephone: -0651-2400826 & Fax: -0651-  
2400799

Letter No. 281  
GM (Rev)/3037/2023

Dated. 27-09-2024

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  
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 September, 2024.

| Category   | Sub-Category           | Total FPPPA to be passed on Rs./ (kWh/kVAh) |
|------------|------------------------|---|
| Domestic   | DS-R                   | 0.05  |
|            | DS-U                   | 0.05  |
|            | DS HT                  | 0.05  |
| Commercial | Rural (More than 5 kW) | 0.05  |
|            | Urban (More than 5 kW) | 0.05  |
| IAS        | IAS-I                  | 0.04  |
|            | IAS-II                 | 0.04  |
| Industrial | LTIS                   | 0.05  |


|               |             |      |
|---------------|-------------|------|
|               | HTS - 11KV  | 0.04 |
|               | HTS - 33KV  | 0.04 |
|               | HTS - 132KV | 0.04 |
|               | HTSS - 11KV | 0.04 |
|               | HTSS - 33KV | 0.04 |
|               |             |      |
| Institutional | RTS         | 0.04 |
|               |             |      |
|               | Streetlight | 0.05 |
|               | MES         | 0.04 |

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     | <b>Total units procured in the (n-2)th month (kWh)</b>  | kWh       | 1624366952.47 | <b>Total units procured in July 2024 except UI deviation.</b>  |
| i     | Actual Power purchased from all the sources outside the State in (n-2)th Month (in kWh)                                   | kWh       | 1044975033.47 | A-ii   |
| ii    | Power purchased from all the sources within the State (in kWh)  | kWh       | 579391919.00  | Total units procured from DVC (except UI), State Solar, Inland, CPP, Shidri and TVNL except 46.9 MU to Biharsharif in July 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     | <b>Bulk Sale of Power in (n-2)th month (kWh)</b>  | kWh       | 32452375.00   | <b>Sale of power through power exchange has been considered for July 2024</b>  |
| vi    | Actual Average Power Purchase cost from all sources in (n-2)th month (Rs./kWh) excluding DSM Charges                      | (Rs./kWh) | 4.17          | Actual Avg Power Purchase taken for the month of July 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     | <b>Incremental Average Power Purchase Cost (Rs./kWh)</b>  | (Rs./kWh) | -0.09         | vi-ix  |
| D     | <b>Actual Intra State and Inter State Transmission Charges in the (n-2)th Month</b>                                       | Rs.       | 735168523.66  | Actual PGCL, POSOCO and JUSNL charges has been considered for the month of July 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.   |
| E     | <b>Base Cost of Transmission Charges for (n-2)th Month (Rs.) = (Approved Transmission Charges / 12)</b>                   | 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.<br><br>(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       | 1591238921   | ((A*(1-iii/100) +ii)*(1-iv/100)-B)  |
|      |  |           |              |   |
|      | Monthly FPPAS for the month of July 2024   | %         |              |   |
| a    | (A-B)*C+(D-E)  | Rs.       | 82323267.46  |   |
| b    | {Z*(1- (Distribution Loss in (%/100))} *ABR  | %         | 11061618.166 |   |
|      | FPPPA Surcharge for the Month of July 2024   | %         | 0.74%        | a/b   |