

## Jaipur Vidyut Vitran Nigam Limited

### Scope of Audit:

With reference to the proposal dated 24.02.2020 and the letter dated 27.02.2020, the scope of the audit includes verification and authentication of the fuel surcharge which includes the following sub-parts:

- (a) Independent review of weighted average variable cost of all sources of power purchase during the previous quarter (i.e., from Oct'19 to Dec'19)
- (b) Independent review of power purchase units during previous quarter (i.e., from Oct'19 to Dec'19)
- (c) Independent review of energy sold during the previous quarter (i.e., from Oct'19 to Dec'19)

### Audit Proceedings:

The Following records were checked and examined by us in the course of this audit.;

1. Invoices of the energy purchased.
2. Party wise registers of the invoices maintained by all the three discoms (JVNL, AVVNL and JDVNL)
3. Statements prepared of the calculation of the energy purchased, bifurcation of variable and fixed costs of all the power source stations and the units purchased by the discoms.
4. Statements of calculation of final rate of fuel surcharge of the relevant quarter.
5. Checking of the MIS maintained by the discoms for the energy sold to consumers and examined the statements given by the AO (Revenue) for the circlewise energy sale in the Q-3 2019-20.
6. Other records and explanations required at the time of audit.





**Conclusions from Audit Assessment:**

We have obtained all the information and explanation, which to the best of our knowledge and belief were necessary for the purposes of the audit. In our opinion, proper records have been kept by the above-named department so far as appears from our examination of the books.

In our opinion and to the best of our information, and according to information given to us, the following are the conclusions—

1. As per the formula prescribed, the weighted average variable cost of all the sources of power purchase during the quarter Oct'19 to Dec '19 is Rs. 2.71 per kWh.
2. During the quarter Oct '19 to Dec' 19, total power purchase units is 1,82,668.00 Lac units.
3. Energy sold from the Oct'19 to Dec'19 is as below:

Discom	Energy sold as calculated (in Lakh units)	Energy sold as used by Discom for calculation of FSA (in Lakh units)	Difference (in Lakh units)
Jaipur	63,384.82	63,384.82	-
Jodhpur	53,356.37	53,429.85	73.48
Ajmer	42,342.74	42,342.74	-
<b>Total</b>	<b>1,59,083.93</b>	<b>1,59,157.41</b>	<b>73.48</b>

**CALCULATION OF FUEL SURCHARGE**

Based on the above figures, we have calculated Fuel Surcharge as below:

$FS = (C + Ip) / E$  (Rs./kWh)

Where, C (in Rs. Lakh) = {(Weighted Average Variable Cost of all sources of power purchase during previous quarter in Rs. /kWh - Base Weighted Average Variable Cost of all sources of power purchase as approved under tariff order for the year under operation in Rs/kWh) x corresponding power purchase from all sources during previous quarter in Lakh units}



As per audit conclusions the Weighted Average Variable Cost of all sources of power purchase in Q-3 2019-20 was Rs 2.71 per kWh

Also as per report given to us Base Weighted Average Variable Cost in Q-3 2019-20 was Rs 2.45 per kWh

Corresponding power purchase from all sources in Q-3 2019-20 was 1,82,668.00 Lac units

E (in lakh units) = Energy sold (metered plus estimated) during previous quarter which is 1,59,083.93 Lac units

Ip (in Rs Lakhs) = Under recovery of fuel surcharge in the previous quarter which was NIL

Therefore as per above formula,

$$FS = [(Rs 2.71 - Rs 2.45) \times 1,82,668.00] / 159083.90 \\ = 0.2985 \text{ or } 0.30 \text{ (Approx.) per kWh}$$

The difference of 73.48 lac units was taken into consideration for final calculation of fuel surcharge rate.

Therefore, as per above calculation we found that there was no change in fuel surcharge per kWh calculated by JVVNL. Hence the rate of fuel surcharge of Rs 0.30 per kWh is found to be true and fair.

FOR M/s KSPJ & Co.  
CHARTERED ACCOUNTANT  
F.R. No. - 006273C



*Partik*

(CA Kartik Khandelwal)

PARTNER

M.NO. - 426965

Place: Jaipur

Date: 05.03.2020

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