



HIMACHAL PRADESH ELECTRICITY REGULATORY COMMISSION
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No. HPERC-F(1)-5/2018- 852

Dated:- 10-7-19

To

The Chief Engineer (Commercial)
HPSEBL, Vidyut Bhawan,
Shimla-171004

Subject: - Regarding implementation of Day wise tariff in SAP-ISU Billing Software.

Reference: - Your office letter No. HPSEBL/CE (Comm)/IT Cell/Billing Issues/Vol-II/2019-1000029 dated 09-07-2019

Sir,

This is a reference to the above referred letter wherein it has been mentioned that HPSEBL is facing practical difficulties in rendering energy bills to the consumers exactly after one month except for two part consumers. It has also been informed that the existing process of billing is benefiting few consumers in the calculation of slab-wise energy tariff as the Commission is notifying tariff based on monthly/ bimonthly billing cycles. Therefore, it has been proposed slab-wise energy to be worked out on actual days for which consumers are billed. For this purpose, per day Energy Slab shall be worked out by summing the Energy Slabs for a year and dividing it by 365 or 366 days whichever is applicable.

The Commission is in concurrence with the proposed methodology and grants approval for adoption of the same.

Yours Sincerely,

(Er. K.L. Gupta) 10/7/19
Executive Director (Tariff)

SV AE (IT-II)
Qsp
10/7

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HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A State Government Undertaking)

Registered Office

Vidyut Bhawan, Shimla-171004 (H.P.)

CIN

U40109HP2009SGC031255

GST

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No. HPSEBL/CE (Comm)/IT Cell/Billing Issues/Vol-II/2019 - 100029

Dated: 09.07.2019

To

**The Executive Director (Tariff),
HPERC, Shimla-9.**

Subject: Regarding implementation of Day wise tariff in SAP-ISU Billing Software.

Sir,

Reference is invited to Clause 4.22.1- (f) of Multi Year Tariff Order for Himachal Pradesh State Electricity Board Limited (HPSEBL) for the Fourth Control Period (FY 2019-20 to FY 2023-24) and True-up of FY17 by HPERC on dated 29th June 2019 vide which we have raised certain issues in billing of single part consumers . The submission is reproduced as under:-

1. Issues in Billing of Single part Consumers

As per the tariff order, the rates of energy, fixed charges & Meter Rent are notified as per month charges. Practically, it is difficult to render energy bills to the consumer exactly after one month except two part consumers where the history of consumption data is stored either on 24th or 30^{th/31st} of every month in the Energy Meters itself. As per present Billing cycles monthly billing are spanning from 25 to 40 days and bimonthly from 50-70 days, and in the Billing software upto 35 days are considered for monthly billing, 65 days for bimonthly billing and 95 days for tri-monthly billing and so forth for calculating the energy charges and thereafter proportionate charges are levied for days in excess whereas Meter Rent and fixed charges are being levied as per the Billing cycle by limiting the monthly cycle to 45 days, bimonthly to 75 days and tri-monthly to 105 days. In case of meter rent and fixed charges, it is ensured that consumer is not subjected to pay yearly charges in excess of yearly charges calculated based on per month charges as per tariff. Considering this offset of billing for monthly, bi-monthly and tri-monthly viz a viz to actual period of billing, it was revealed that this process is benefiting some domestic consumers while harming others in the calculation of Slab wise energy tariff.

In order to bring accuracy in the Billing system, HPSEBL proposes as under:

- (i) The Slab wise energy shall be worked out on actual days for which consumer is billed. For this purpose, per day Energy Slab shall be worked out by summing the Energy Slabs for a year and dividing it by 365 or 366 days whichever is applicable e.g. first Slab Energy(kWH/day) = $125 \times 12 / 365$ or $(366) = 4.11(4.10)$.

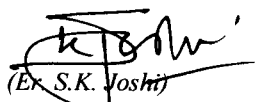
- (ii) The Fixed Charges i.e. Meter Rent and Service rent shall be also levied on actual days for which consumer is billed by ensuring the yearly charges does not exceed 180/per year @ RS 15 per month for service charge.

The sample calculation is given below:

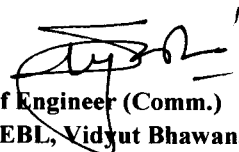
	Present Billing		As per the Proposal	
Descrp	Consumer Billed after 20 days, Consumption= 200 Units(Consumer-I)	Consumer Billed after 40 days, Consumption= 200 Units(Consumer-II)	Consumer-I	Consumer-II
	1	2	3	4
Energy Charges (EC)	125 units*1.50+75 units*2.90= Rs 405.00	EC=167 Units*1.50+33 units*2.90=Rs 346.00	EC=82 <u>units*1.50+115 units*2.90+3 units*4.35=</u> Rs 469.55	EC=164 Units*1.50+36 units*2.90= Rs 350.00
Variation	(-) 64.55	(-) 4.00		

Thus, it is evident from the above table that **Consumer I** is underbilled for Rs 65/- whereas **Consumer II** is under billed for Rs 4/-.

Thus, new proposal may please be considered for approval as it would eliminate this discrepancy of underbilling/overbilling; the consumer will be billed for the days he is actually billed i.e. the period between the last and current reading date.


(Ex. S.K. Joshi)
Chief Engineer (Comm.)
HPSEBL, Vidyut Bhawan,
Shimla-4

Copy to The Superintending Engineer (SERC), HPSEBL, Shimla-4 for information please.


Chief Engineer (Comm.)
HPSEBL, Vidyut Bhawan,
Shimla-4