

118/6167

O/o CE (EITC)

Receipt No.

Date 17 JUL 2017

DGM (IT) / SE (O)

EE. P. 111

Section

CSPDCL

CHHATTISGARH STATE POWER DISTRIBUTION CO.LTD.

(A Government of Chhattisgarh Undertaking) (A Successor Company of CSEB)

CIN:U40108CT2003SGC015822

OFFICE OF CHIEF ENGINEER (RA&PM),

Ph: (0771) 2574441 (Fax) 2574442. website: www.cspdcl.co.in Email: cecomcseb@rediff.com

No.02-02/ACE-IVCA/ 1200

Raipur, Dt: 16.7.17

To,
The Chief Engineer (EITC),
CS Power Distribution Co. Ltd.,
Raipur.

Sub:- VCA charge to the consumers for first bi-monthly period of FY 18.

Ref:- i) CSERC MYT Regulations, 2015.

Rate of VCA charge for first bi-monthly period of FY 2017-18 i.e. **01.04.17 to 31.05.17** calculated in accordance to formula and condition specified in CSERC MYT Regulation 2015, is tabulated below for deduction from monthly energy bill of all categories of consumers:-

1.	DLF consumers up to 40 units	@ (-)18 Paise per unit
2.	DLF consumers 41 to 200 units	@ (-)18 Paise per unit
3.	DLF consumers above 200 units	@ (-)18 Paise per unit
4.	Agriculture consumers	@ (-) 18 Paise per unit
5.	Rest all categories of consumers	@ (-) 18 Paise per unit

Such slab wise capping will not be telescopic. The above charge is deducted from energy bills of consumers for the consumption in the months of **July'17** and **August'17** payable in the months of **August'17** and **September'17**. It is therefore requested to kindly arrange to make suitable programme in SAP to implement above VCA charges in the energy bills of various consumers. Further information regarding VCA charge may be uploaded in website.

Chief Engineer (RA&PM)
CSPDCL: Raipur

Copy to:-

- 1) The Executive Director (O&M) CSPDCL, Raipur.
- 2) The Executive Director (DR)/(BR)/Chief Engineer(RR)/(AR)/(JR)/(RJR-R), CSPDCL, Durg/Bilaspur/Raipur/Ambikapur/Jagdalpur/Rajnandgaon.
- 3) The Addl Chief Engineer (O&M) Circle, CSPDCL, Raipur.
- 4) The Superintending Engineer (O&M)/(City Circle) CSPDCL, Raipur I/II, Mahasamund/Durg/Bilaspur/Raigarh/Janjgir-Champa/Korba/Jagdalpur/ Kanker/ Rajnandgaon/Ambikapur.
- 5) The Sr. Accounts Officer I/II, CSPDCL, Raipur /Bilaspur / Durg/ Ambikapur/ Jagdalpur/ Rajnandgaon/ Champa.

Computation of VCA Charges (1st bi-monthly period 2017-18)

(A) CHFC :-

	KTPS	HTPS	DSPM TPS	K(W)Extn.	MTPP	Total Amt. In Rs
Apr17	39894381	-52821085	-39923557	-35007930	89236574	1378383
May17	72989312	-63954299	-62495712	-42262110	110645460	14922651
Total	112883693	-116775384	-102419269	-77270040	199882034	16301034

(B) CHPP :-

Total units purchased from NTPC and NSPCL	=	1178673813 KWh
Amount paid against units purchased	=	Rs. 3601351695.00
Rate per unit(I)	=	Rs. 3.06 /KWh
Average rate approved by CSERC for purchase of power from Central generating stations (II)	=	Rs. 3.71 /KWh
Difference in rate (I-II)	=	Rs. (-)0.65/KWh
CHPP (in Rs.)	=	Rs.(-)766137978.00

(C) Gross VCA (A+B) in Rs. = Rs.(-)749836944.00

(D) Total quantum of power purchased during the period = 5262057375 Kwh

(E) Quantum of power purchased for sale to retail consumers of the State = 4768792934 KWh

(F) Allowable VCA (in Rs.)[C*(E/D)] = Rs.(-)679547346.00

(G) Normative transmission & distribution losses as specified in Taiff order = 21.11%

(H) Allowable VCA Charges(Rs./Kwh) (F/E*(1-G)) = **Rs.(-)0.18/KWh**

(G) VCA Charge to be deducted from monthly energy bills of various categories of consumers:

- 1) DLF consumers up to 40 units - Rs.(-) 0.18 per unit
- 2) DLF consumers 41 to 200 units - Rs.(-) 0.18 per unit
- 3) DLF Consumers above 200 units - Rs. (-)0.18per unit
- 4) Agriculture Consumers - Rs. (-)0.18 per unit
- 5) Rest of all categories - Rs.(-)0.18 per unit

To be deducted from energy bill for the consumption in the months of Jul'17 and Aug'17 payable in the months of Aug'17 and Sept'17

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Computation of CHPP

1	Scheduled energy purchased from CGs during first bi-monthly period	MU	1178673813
2	Amount paid against units purchased	Rs.	3601351695
	Average rate of power purchase	Rs/Kwh	3.06
3	Average rate of Power Purchase as per Tariff Order	Rs/Kwh	3.71
4	Difference in the average rate of PP	Rs/Kwh	-0.65
5	CHPP(Change in the cost of power purchased from CGs)	Rs.	-766137978

Computation of VCA

Sno.	Particulars			
1	CHFC		Rs	16301034
2	CHPP		Rs	-766137978
3	Gross VCA(sub total in Rs.)	CHFC+CHPP	Rs	-749836944
4	Allowable VCA(in Rs.)	Gross VCA(in Rs.) $\times Q_{RS}/Q_{PP}$	Rs	-679547346
5	Allowable VCA(in Rs/Kwh)	Allowable VCA(in Rs.)/[Qrs*(1-L)]	Rs/Kwh	-0.18

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Computation of Qpp and Qrs

No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	Q_1	3181049630	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations	Q_2	26665932	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations	Q_3	5898081	KwH
4	Quantum of scheduled power purchased from CGs	Q_4	1478989370	KwH
5	PGCIL actual losses for the bi-monthly period	L1	3.89%	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5=Q_4(1-L1)$	1421456684	KwH
7	Quantum of actual power purchased from Renewable energy Sources	Q_6	182861012	KwH
8	Quantum of actual short term and long term power purchased from State IPPs and CGPs	Q_7	56029750	KwH
9	Quantum of scheduled short term purchased through inter-state route	Q_8	54448625	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery	$Q_9=Q_8(1-L1)$	52330573	KwH
11	Quantum of power purchased from other Sources(if any)	Q_{10}	335765713	KwH
12	Total Quantum of power purchased	$Q_{pp}=Q_1+Q_2+Q_3+Q_5+Q_6+Q_7+Q_9+Q_{10}$	5262057375	KwH
13	Normative transmission and distribution losses as specified in the Tariff order	L	21.11%	
14	Quantum of power scheduled for interstate sale	Q_{PT}	493264441	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS}=Q_{pp}-Q_{PT}$	4768792934	KwH

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