

O/o CE (EITC)  
Receipt No. 1604  
Date: 27 SEP 2017  
DGM (IT) / SE (O)  
EE. Billu  
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/ 1863

Raipur, Dt: 26.09.17

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

**Sub:- VCA charge to the consumers for second bi-monthly period of FY 2017-18.**

Ref:- i) CSERC MYT Regulations, 2015.

Rate of VCA charge for second bi-monthly period of FY 2017-18 i.e. 01.06.17 to 31.07.17 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	@ (-)58 Paise per unit
2.	DLF consumers 41 to 200 units	@ (-)58 Paise per unit
3.	DLF consumers above 200 units	@ (-)58 Paise per unit
4.	Agriculture consumers	@ (-)58 Paise per unit
5.	Rest all categories of consumers	@ (-)58 Paise per unit

Such slab wise capping will not be telescopic. The above charge is to be deducted from energy bills of consumers for the consumption in the months of **September'17** and **October'17** payable in the months of **October'17** and **November'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)/(RJN-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 (2<sup>nd</sup> bi-monthly period 2017-18)

### (A) CHFC :-

	KTPS	HTPS	DSPM TPS	K(W)Extn.	Total Amt. In Rs
Jun17	16812640	-34154293	-53994921	-25591013	-96927586
Jul17	-6741860	-48817779	-118045725	-27956249	-201561613
<b>Total</b>	<b>10070780</b>	<b>-82972072</b>	<b>-172040646</b>	<b>-53547262</b>	<b>-298489199</b>

### (B) CHPP :-

Total units purchased from NTPC and NSPCL = 1262957092 KWh

Amount paid against units purchased = Rs.2707736110.00

Rate per unit(I) = Rs. 2.14 /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. (-)1.57/KWh

CHPP (in Rs.) = Rs.(-)1982842634.00

(C) Gross VCA (A+B) in Rs. = Rs.(-)2281331833.00

(D) Total quantum of power purchased during the period = 4989818125 Kwh

(E) Quantum of power purchased for sale to retail consumers of the State = 4005650563 KWh

(F) Allowable VCA (in Rs.)(C\*(E/D)) = Rs.(-)1831372991.00

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

(H) Allowable VCA Charges(Rs./Kwh) (F/E\*(1-G)) = **Rs.(-)0.58/KWh**

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

1) DLF consumers up to 40 units - Rs.(-) 0.58 per unit

2) DLF consumers 41 to 200 units - Rs.(-) 0.58 per unit

3) DLF Consumers above 200 units - Rs. (-)0.58 per unit

4) Agriculture Consumers - Rs. (-)0.58 per unit

5) Rest all categories - Rs.(-)0.58 per unit

**To be deducted from energy bill for the consumption in the months of Sep'17 and Oct'17 payable in the months of Oct'17 and Nov'17.**

*MS Singh*

### Computation of CHPP

1	Scheduled energy purchased from CGs during second bi-monthly period	MU	1262957092
2	Amount paid against units purchased	Rs.	2707736110
	Average rate of power purchase	Rs/Kwh	2.14
3	Average rate of Power Purchase as per Tariff Order	Rs/Kwh	3.71
4	Difference in the average rate of PP	Rs/Kwh	-1.57
5	CHPP(Change in the cost of power purchased from CGs)	Rs.	-1982842634

### Computation of VCA

Sno.	Particulars			
1	CHFC		Rs	-298489199
2	CHPP		Rs	-1982842634
3	Gross VCA(sub total in Rs.)	CHFC+CHPP	Rs	-2281331834
4	Allowable VCA(in Rs.)	Gross VCA(in Rs.) $\times Q_{RS}/Q_{PP}$	Rs	-1831372991
5	Allowable VCA(in Rs/Kwh)	Allowable VCA(in Rs.)/[Qrs*(1-L)]	Rs/Kwh	-0.58

*MSingh*

Computation of Qpp and Qrs

	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	$Q_1$	3231800050	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations	$Q_2$	28555475	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations	$Q_3$	1971376	KwH
4	Quantum of scheduled power purchased from CGs	$Q_4$	1505925688	KwH
5	PGCIL actual losses for the bi-monthly period	L1	3.82%	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5=Q_4(1-L1)$	1448399327	KwH
7	Quantum of actual power purchased from Renewable energy Sources	$Q_6$	153769212	KwH
8	Quantum of actual short term and long term power purchased from State IPPs and CGPs	$Q_7$	39474000	KwH
9	Quantum of scheduled short term purchased through inter-state route	$Q_8$	28031100	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery	$Q_9=Q_8(1-L1)$	26960312	KwH
11	Quantum of power purchased from other Sources(if any)	$Q_{10}$	58888373	KwH
12	Total Quantum of power purchased	$Q_{pp}=Q_1+Q_2+Q_3+Q_5+Q_6+Q_7+Q_9+Q_{10}$	4989818125	KwH
13	Normative transmission and distribution losses as specified in the Tariff order	L	21.11%	
14	Quantum of power scheduled for interstate sale	$Q_{PT}$	984167562	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS}=Q_{pp}-Q_{PT}$	4005650563	KwH

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