



# CHHATTISGARH STATE POWER DISTRIBUTION CO.LTD.

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

CIN:U40108CT2003SGC015822

OFFICE OF CHIEF ENGINEER (RA&PM),

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No.02-02/ACE-IVCA/

2962

Raipur, Dt: 12.1.18

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

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

Ref:- i) CSERC MYT Regulations, 2015.

Rate of VCA charge for fourth bi-monthly period of FY 2017-18 i.e. 01.10.17 to 30.11.17 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	@ (-)26 Paise per unit
2.	DLF consumers 41 to 200 units	@ (-)26 Paise per unit
3.	DLF consumers above 200 units	@ (-)26 Paise per unit
4.	Agriculture consumers	@ (-)26 Paise per unit
5.	Rest all categories of consumers	@ (-)26 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 **January'18** and **February'18** payable in the months of **February18** and **March'18**. 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.

Addl. Chief Engineer (RA&PM)-I  
O/o Chief Engineer (RA&PM)  
CSPDCL: Raipur

Copy to:-

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

## Computation of VCA Charges (4<sup>th</sup> bi-monthly period 2017-18)

**(A) CHFC :-**

	KTPS	HTPS	DSPM TPS	K(W)Extn.	Total Amt. In Rs
Oct17	-28481357	-11868159	-81575201	-9456455	-131381172
Nov17	-20656498	-5766095	-65989869	-10140055	-102552517
<b>Total</b>	<b>-49137855</b>	<b>-17634254</b>	<b>-147565070</b>	<b>-19596510</b>	<b>-233933689</b>

**(B) CHPP :-**

Total units purchased from NTPC and NSPCL	=	1162959480 KWh
Amount paid against units purchased	=	Rs .3530674527.00
Rate per unit(I)	=	Rs. 3.04 /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. (-)0.67/KWh
CHPP (in Rs.)	=	Rs.(-)779182852.00

**(C) Gross VCA (A+B) in Rs.** = Rs.(-)1013116541.00

**(D) Total quantum of power purchased during the period** = 5029843761 Kwh

**(E) Quantum of power purchased for sale to retail consumers of the State** = 4059836752 KWh

**(F) Allowable VCA (in Rs.)[C\*(E/D)]** = Rs.(-)817736685.00

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

**(H) Allowable VCA Charges(Rs./Kwh) (F/E\*(1-G))** = **Rs.(-)0.26/KWh**

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

- |                                  |   |                      |
|----------------------------------|---|----------------------|
| 1) DLF consumers up to 40 units  | - | Rs.(-) 0.26 per unit |
| 2) DLF consumers 41 to 200 units | - | Rs.(-) 0.26 per unit |
| 3) DLF Consumers above 200 units | - | Rs. (-)0.26 per unit |
| 4) Agriculture Consumers         | - | Rs. (-)0.26 per unit |
| 5) Rest all categories           | - | Rs.(-)0.26 per unit  |

**To be deducted from energy bill for the consumption in the months of Jan'18 and Feb'18 payable in the months of Feb'18 and Mar'18**

*MSingh*



### Computation of CHPP

1	Scheduled energy purchased from CGs during fourth bi-monthly period	MU	1162959480	
2	Amount paid against units purchased	Rs.	3530674527	
	Average rate of power purchase	Rs/Kwh	3.04	
3	Average rate of Power Purchase as per Tariff Order	Rs/Kwh	3.71	
4	Difference in the average rate of PP	Rs/Kwh	-0.67	
5	CHPP(Change in the cost of power purchased from CGs)	Rs.	-779182852	

### Computation of VCA

Sno.	Particulars			
1	CHFC		Rs	-233933689
2	CHPP		Rs	-779182852
3	Gross VCA(sub total in Rs.)	CHFC+CHPP	Rs	-1013116541
4	Allowable VCA(in Rs.)	Gross VCA(in Rs.) $\times \frac{Q_{rs}}{Q_{pp}}$	Rs	-817736685
5	Allowable VCA(in Rs/Kwh)	Allowable VCA(in Rs.)/[Qrs*(1-L)]	Rs/Kwh	-0.26

*Wsinofh*

Computation of Qpp and Qrs

No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	$Q_1$	2951726930	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations	$Q_2$	36288594	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations	$Q_3$	3319083	KwH
4	Quantum of scheduled power purchased from CGs	$Q_4$	1378852056	KwH
5	PGCIL actual losses for the bi-monthly period	L1	3.69%	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5=Q_4(1-L1)$	1327972416	KwH
7	Quantum of actual power purchased from Renewable energy Sources	$Q_6$	174683779	KwH
8	Quantum of actual short term and long term power purchased from State IPPs and CGPs	$Q_7$	0	KwH
9	Quantum of scheduled short term purchased through inter-state route	$Q_8$	16009553	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery	$Q_9=Q_8(1-L1)$	15418800	KwH
11	Quantum of power purchased from other Sources(if any)	$Q_{10}$	520434158.4	KwH
12	Total Quantum of power purchased	$Q_{PP}=Q_1+Q_2+Q_3+Q_5+Q_6+Q_7+Q_9+Q_{10}$	5029843761	KwH
13	Normative transmission and distribution losses as specified inth Tariff order	L	21.11%	
14	Quantum of power scheduled for interstate sale	$Q_{PT}$	970007009	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS}=Q_{PP}-Q_{PT}$	4059836752	KwH

M Singh