

O/o. E.D. (EITC)
 CSPDCL Raipur
 Receipt No. 542
 Date: 6 MAR 2018
 AGM (IT)
 SE (O)/S
 EE: Billing
 Section

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

Alok
16/3/18

No.02-02/ACE-IVCA/

3545

Raipur, Dt: 16.3.18

To,
 The Executive Director (EITC),
 CS Power Distribution Co. Ltd.,
 Raipur.

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

Ref:- i) CSERC MYT Regulations, 2015.

Rate of VCA charge for fifth bi-monthly period of FY 2017-18 i.e. 01.12.17 to 31.01.18, 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	@ (-)24 Paise per unit
2.	DLF consumers 41 to 200 units	@ (-)24 Paise per unit
3.	DLF consumers above 200 units	@ (-)24 Paise per unit
4.	Agriculture consumers	@ (-)24 Paise per unit
5.	Rest all categories of consumers	@ (-)24 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 **March'18** and **April'18** payable in the months of **April'18** and **May'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.

Chief Engineer (RA&PM)
CSPDCL: Raipur

Copy to:-

- 1) The Chief Engineer (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 Superintending Engineer (O&M)/(City Circle) CSPDCL, Raipur I/II, Mahasamund/Durg/Bilaspur/Raigarh/Janjgir-Champa/Korba/Jagdalpur/ Kanker/ Rajnandgaon/Ambikapur.
- 4) The Sr. Accounts Officer I/II, CSPDCL, Raipur /Bilaspur / Durg/ Ambikapur/ Jagdalpur/ Rajnandgaon/ Champa.

Computation of VCA Charges (5th bi-monthly period 2017-18)

(A) CHFC :-

	KTPS	HTPS	DSPM TPS	K(W)Extn.	Total Amt. In Rs
Dec17	-22624899	60103042	-69782297	46054990	13750836
Jan18	-2214782	8978463	-18088589	3562878	-7762030
Total	-24839682	69081505	-87870886	49617868	5988806

(B) CHPP :-

Total units purchased from NTPC and NSPCL = 1248729084 KWh
 Amount paid against units purchased = Rs.3623332508.00
 Rate per unit(I) = Rs. 2.9 /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. (-)0.81/KWh

CHPP (in Rs.) = Rs.(-)1011470558.00

(C) Gross VCA (A+B) in Rs. = Rs.(-)1005481752.00

(D) Total quantum of power purchased during the period = 5370388094 Kwh

(E) Quantum of power purchased for sale to retail consumers of the State = 3995782705 KWh

(F) Allowable VCA (in Rs.)[C*(E/D)] = Rs.(-)748118483.00

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

(H) Allowable VCA Charges(Rs./Kwh) (F/E*(1-G)) = Rs.(-)0.24/KWh

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

- 1) DLF consumers up to 40 units - Rs.(-) 0.24 per unit
- 2) DLF consumers 41 to 200 units - Rs.(-) 0.24 per unit
- 3) DLF Consumers above 200 units - Rs. (-)0.24 per unit
- 4) Agriculture Consumers - Rs. (-)0.24 per unit
- 5) Rest all categories - Rs.(-)0.24 per unit

To be deducted from energy bill for the consumption in the months of Mar18 and Apr'18 payable in the months of Apr'18 and May'18

M Singh

Computation of CHPP

1	Scheduled energy purchased from CGs during fifth bi-monthly period	MU	1248729084	
2	Amount paid against units purchased	Rs.	3623332508	
	Average rate of power purchase	Rs/Kwh	2.9	
3	Average rate of Power Purchase as per Tariff Order	Rs/Kwh	3.71	
4	Difference in the average rate of PP	Rs/Kwh	-0.81	
5	CHPP(Change in the cost of power purchased from CGs)	Rs.	-1011470558	

Computation of VCA

Sno.	Particulars			
1	CHFC		Rs	5988806
2	CHPP		Rs	-1011470558
3	Gross VCA(sub total in Rs.)	CHFC+CHPP	Rs	-1005481752
4	Allowable VCA(in Rs.)	Gross VCA(in Rs.) $\times \frac{Q_{rs}/Q_{pp}}$	Rs	-748118483
5	Allowable VCA(in Rs/Kwh)	Allowable VCA(in Rs.)/[Qrs*(1-L)]	Rs/Kwh	-0.24

M. S. Singh

Computation of Qpp and Qrs

S No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	Q_1	3510064640	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations	Q_2	9831784	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations	Q_3	4827615	KwH
4	Quantum of scheduled power purchased from CGs	Q_4	1605543105	KwH
5	PGCIL actual losses for the bi-monthly period	L1	3.15%	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5=Q_4(1-L1)$	1554968497	KwH
7	Quantum of actual power purchased from Renewable energy Sources	Q_6	199380878	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	16145851	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery	$Q_9=Q_8(1-L1)$	15637257	KwH
11	Quantum of power purchased from other Sources(if any)	Q_{10}	75677423	KwH
12	Total Quantum of power purchased	$Q_{pp}=Q_1+Q_2+Q_3+Q_5+Q_6+Q_7+Q_9+Q_{10}$	5370388094	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}	1374605389	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS}=Q_{pp}-Q_{PT}$	3995782705	KwH

M. Singh