# CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LIMITED



(A Government of Chhattisgarh Undertaking) (A Successor Company of CSEB)
CIN U40108CT2003SGC015822

### OFFICE OF EXECUTIVE DIRECTOR (RA&PM), CSPDCL

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

No.02-02/SE-I/VCA/

1985

Raipur, Date \5-11-2021

To.

The Secretary, Chhattisgarh State Electricity Regulatory Commission, Irrigation Colony, New Shanti Nagar, Raipur.

Sub:

Computation of VCA charge in respect of Aug'2021 & Sep'2021 bi-monthly period – Levy to consumers as per clause 67.8 of MYT Regulations, 2015.

In compliance to the provisions contained at clause 67.0 of MYT Regulations 2015, VCA charge in respect of CHFC and CHPP towards bi-monthly period Aug'2021 & Sep'2021 is computed and shown in the table below:

Sr. No.	Category of consumers	Rate of VCA charge to be recovered
1	DLF consumers up to 100 units	Rs. 0.18 per unit
2	DLF consumers 101 to 200 units	Rs. 0.19 per unit
3	DLF consumers above 200 units	Rs. 0.31 per unit
4	Agriculture Consumers	Rs. 0.31 per unit
5	Rest all categories	Rs. 0.31 per unit

These VCA charges are recoverable from electricity consumers for the consumption in the months of Nov'2021 and Dec'2021 payable in the months of Dec'2021 and Jan'2022 respectively. The calculation-sheet as provided in the regulation is also attached herewith for favour of reference demonstrating the manner of such determination.

Encl.: As above.

Executive Director (RA&PM)

CSPDCL: Raipur

Regd.Office: "Vidyut Seva Bhawan", Danganiya, Raipur(CG)-492013

### Not in original: -

### Copy to:

- 1) The Executive Director (EITC), CSPDCL, Raipur: For favour of information and with advise to make all arrangements in SAP system to bill all HT/LT consumers at the prescribed VCA rates for the consumption in the months of Nov'2021 and Dec'2021 payable in the months of Dec'2021 and Jan'2022 respectively. It is further advised to display the computation-sheet as well as VCA rates in Company's website immediately for wide publicity and make all arrangements to display the same till truing-up of ARR of FY 2021-22 completes.
- 2) The Chief Engineer (O&M) CSPDCL, Raipur.
- 3) The Executive Director (BR)/(RJN-R)/(JR)/(DR) CSPDCL Bilaspur/Rajnandgaon/Jagdalpur/Durg.
- 4) The Chief Engineer (Rev.)/(AR)/(RCR)/(RRR)/(RGR-R)/ CSPDCL, Ambikapur/Raipur/Raigarh.
- 5) The Superintending Engineer (O&M)/(City Circle)/(MT) CSPDCL Raipur I/II, Mahasamund/Balodabazar/Durg/Bilaspur/Raigarh/Janjgir-Champa/Korba/ Jagdalpur/Kanker/Rajnandgoan/Ambikapur/Kawardha/Baikunthpur.
- 6) The Executive Engineer (AMR Cell) CSPDCL, Raipur.
- 7) The Sr. Accounts Officer I/II, CSPDCL, Raipur/Bilaspur/Durg/Ambikapur/Jagdalpur/Rajnandgoan/Champa.

# Computation of VCA Charges (3<sup>rd</sup> bi-monthly period of FY 2021-22)

### CHFC: -

Month	HTPS	DCDM TDD		
		DSPM TPS	Korba(W)	Total Amt.in Rs.
A O 4			Extn.	1.50
Aug-21	7,27,59,940	5,00,02,260	6,07,66,054	18,35,28,254
Sep-21	6,95,19,516	4,68,58,811		
	74 5 1 1 5 1 5	4,00,56,611	6,31,49,213	17,95,27,540
Total in	44.00.70.470			
Rs.	14,22,79,456	9,68,61,071	12,39,15,267	36,30,55,794
			-	

### (B) CHPP:

(vi)

(i) (ii) (iii) (iv)	Total units purchased from NTPC and NSPCL Amount paid against units purchased Rate per unit Average rate approved by CSERC for purchase of power from Central generating stations (NTPC & NSPCL	: 241,12,86,264 KWh : Rs. 993,78,99,744 : Rs. 4.12 /KWh : Rs. 3.62/KWh
(v)	only)	

(*)	UIII.	in rate (	III-IV)			: Rs. 0.50/KWI	h

<b>C</b> .	Gross VCA (A+B) in Rs	: Po. 150 00'00 000
	*	: Rs. 156,86,98,926

D.	Total quantum of power purchased during the period	: 602.17.03 763 Kwh
	0	1002.17.03.753.KWh

E.	Quantum of power purchased for sale to retail	. 561 70 40 700 104
	consumers of the State	: 561,79,42,763 KWh

F.	Allowable VCA (in Rs.)[C*(E/D)]	: Rs. 146,35,16,162
		1110, 110,00,10,102

G.	Normative transmission & distribution losses as s	specified	: 16 36%
	in Tariff order		10.0070

н.	Allowable VCA Charges(Rs./Kwh) (F/E*(1-G))	: Rs. 0.31 per KWh

VCA Charge to be recoverable from monthly energy bills of various categories of consumers:

1 2 3 4. 5.	DLF consumers up to 100 units DLF consumers 101 to 200 units DLF consumers above 200 units Agriculture Consumers Rest all categories	Rs. Rs. Rs.	0.18 per unit 0.19 per unit 0.31 per unit 0.31 per unit 0.31 per unit
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To be recovered from energy bill for the consumption in the months of Nov'2021 and Dec'2021 payable in the months of Dec'2021 and Jan'2022 respectively.

# **Computation of CHPP**

1205643132	Rs.	CHPP(Change in the cost of power purchased from CGs)	6
0.50	Rs./Kwh	Difference in the average rate of PP	5
3.62	Rs./Kwh	Average rate of Power Purchase as per Tariff Order	4
4.12	Rs./Kwh	Average rate of power purchase	3
9,93,78,99,744	Rs.	Amount paid against units purchased	2
2,41,12,86,264	Kwh	Scheduled energy purchased from CGs during 3rd bi-monthly period of FY 2021-22	_
		Particulars	S.No.

# Computation of VCA (3rd Bi-monthly period of FY 2021-22)

	ر. ت	4		ω	,	2	_	S.No.	
	Allowable VCA(in Rs/Kwh)	Allowable VCA(in Rs.)		Gross VCA(sub total in Rs.)		CHPP	CHFC	Particulars	
("" \\3.)/[\als (1-L)]	Allowable VCA	Gross VCA (in Rs.)xQ <sub>Rs</sub> / <sub>Qpp</sub>		CHFC+CHPP					
	Rs./Kwh	Rs.	ć	Rs.		Rs	Rs.		
	0.31	1463516162	1300090920	1568608026	10000101	12056/3132	363055794		

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# Computation of Qpp and Qrs (3rd Bi-monthly of FY 2021-22)

s No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	Q <sub>1</sub>	2412892625	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations(Bango)	Q <sub>2</sub>	151757851 /	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations(Small Hydel Station of CSPGCL + CoGen Kawardha)	Q <sub>3</sub>	6133210	KwH
4	Quantum of scheduled power purchased from CGs	$Q_4$	3137442103	KwH
5	PGCIL actual losses for the bi-monthly period	L1	3.25%	
6	Quantum of scheduled power purchased from CGs at state periphery	Q <sub>5</sub> =Q <sub>4</sub> (1-L1)	3035475234	KwH
7	Quantum of actual power purchased from Renewable energy Sources	Q <sub>6</sub>	269571235	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 (IEX)	Q <sub>8</sub>	104056000	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery (IEX)	Q <sub>9</sub> ≂Q <sub>8</sub> (1-L1)	100674180	KwH
11	Quantum of power purchased from other Sources(if any)(Short term + Border Village+Un schduled)	Q <sub>10</sub>	45199428	KwH
12	Total Quantum of power purchased	$Q_{pp} = Q_1 + Q_2 + Q_3 + Q_5 + Q_6 + Q_7 + Q_9 + Q_{10}$	6021703763	KwH
13	Normative transmission and distribution losses as specified in the Tariff order	L	16.36%	_
14	Quantum of power scheduled for interstate sale(Sale	$Q_{PT}$	403761000	KwH
14	through IEX+Sale to Telangana)			
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS} = Q_{PP} - Q_{PT}$	5617942763	KwH

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# एनटीपीसी-सेल पावर कंपनी लिमिटेड

(एनटीपीसी और रोल का संयुक्त छपक्रम)

### NTPC-SAIL Power Company Limited (A joint venture of NTPC & SAIL)

CIN: U74899DL1999PLC098274, GSTIN: 22AABCN5467A1ZX, HSN: 27160000

**Energy Bill Period** 

01.08.2021 - 31.08.2021

Bill No.

6300272

**Bill Date** 

04.09.2021

Beneficiary

Chhatisgarh State Power

**GSTIN Of Beneficiary** 

22AADCC6047K1ZR

Station

Bhilai PP 3

Ack. No.: Ack. Date:

IRN No.:

S.No	Description	Unit	Rate	Cumulative Amount (Rs.)	Claimed Amount (Rs.)	Net Amunt (Rs.)
. 1	Capacity Charges	Cr.(Rs)/Y	576.893	240,372,250.00	192,297,800.00	48,074,450.00
2	Incentive Amount of beneficiary	Rs.		993,878.00		993,878.00
3	URS Amount of beneficiary	Rs.		16,003,976.00-	13,157,624.00-	2,846,352.00
4	Energy Charge Rate (ECR)	Rs./kwh	2.854			- Anna Anna Anna Anna Anna Anna Anna Ann
5	Energy Charges	Rs.		302,172,253.00	217,130,535.00	85,041,718.00
6	Electricity Duty/Cess/Taxes	Rs./kvah	0.050	5,830,237.00	4,340,368.00	1,489,869.00
7	Electricity Duty on APC	Rs./kwh	0.593	6,200,428.00	4,481,987.00	1,718,441.00
8	Other Charges	Rs.		6,021,388.00-	6,035,599.00-	14,211.00
9	Total	Rs.		533,543,682.00	399,057,467.00	134,486,215.00
10	Rebate(-)	Rs.		_		
11	Surcharge(+)	Rs.		122,804.00	122,804.00	
12	Other Adjustment	Rs.		3,191,675.00-	2,990,326.00-	201,349.00-
13	Sharing of benefits	Rs.		4,393,251.00-	4,393,251.00-	
14	Sharing of Gains via Power Trading	Rs.		28,543.00-	28,543.00-	
15	Net Amount	Rs.		526,053,017.00	391,768,151.00	134,284,866.00

One Hundred Thirty-Four Million Two Hundred Eighty-Four Thousand Eight Hundred Sixty-Six And Zero INR

पंजीकृत केन्द्रीय कार्यालय : चतुर्थ तल, एनबीसीसी टावर, 15, भीकाजी कामा प्लेस, नई दिल्ली . 110066 दूरमाव / Tel: 011-26717378-79-80-82, 26172273/ Fax: 011-, 26717364, 26717365, 26717366, 26717381 Registered Corporate Office: 4th Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi-110066



# एनटीपीसी-सेल पावर कंपनी लिमिटेड

(एनटीपीसी और सेल का संयुक्त एमकम)

### NTPC-SAIL Power Company Limited (A joint venture of NTPC & SAIL)

CIN: U74899DL1999PLC098274, GSTIN: 22AABCN5467A1ZX, HSN: 27160000

**Energy Bill Period** 

01.09.2021 - 30.09.2021

Bill No.

6300274

**Bill Date** 

06.10.2021

Beneficiary

Chhatisgarh State Power

**GSTIN Of Beneficiary** 

22AADCC6047K1ZR

Station

Bhilai PP 3

Ack. No.: Ack. Date: IRN No.:

S.No	Description	Unit	Rate	Cumulative Amount (Rs.)	Claimed Amount (Rs.)	Net Amunt (Rs.)
1	Capacity Charges	Cr.(Rs)/Y	576.893	288,446,700.00	240,372,250.00	48,074,450.00
2	Incentive Amount of beneficiary	Rs.		993,878.00	993,878.00	
3	URS Amount of beneficiary	Rs.		19,734,770.00-	16,003,976.00-	3,730,794.00-
4	Energy Charge Rate (ECR)	Rs./kwh	2.951			
5	Energy Charges	Rs.		352,317,120.00	302,172,253.00	50,144,867.00
6	Electricity Duty/Cess/Taxes	Rs./kvah	0.050	6,679,862.00	5,830,237.00	849,625.00
7	Electricity Duty on APC	Rs./kwh	0.641	7,300,127.00	6,200,428.00	1,099,699.00
8	Other Charges	Rs.		6,007,184.00-	6,021,388.00-	14,204.00
9	Total	Rs.		629,995,733.00	533,543,682.00	96,452,051.00
10	Rebate(-)	Rs.				
11	Surcharge(+)	Rs.		122,804.00	122,804.00	
12	Other Adjustment	Rs.		2,834,106.00	3,191,675.00-	357,569.00
13	Sharing of benefits	Rs.		4,393,251.00	4,393,251.00-	
14	Sharing of Gains via Power Trading	Rs.		28,543.00	28,543.00-	
15	Net Amount	Rs.		622,862,637.00	526,053,017.00	96,809,620.00
Nine	ty-Six Million Eight H	lundred N	line Thousand Six	<b>Hundred Twenty</b>	And Zero INR	

पंजीकृत केन्द्रीय कार्यालय : चतुर्थ तल, एनबीसीसी टावर, 15, भीकाजी कामा प्लेस, नई दिल्ली . 110066 दूरभाव / Tel: 011-26717378-79-80-82, 26172273/ Fax: 011-, 26717364, 26717365, 26717366, 26717381 Registered Corporate Office: 4th Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi-110066

	Total Bill	NON-REBATABLE		12.  Net LC Bill (Gross-Rebate)   276363521   146982809   0		10. LC Bill (Gross) Rs. 276363521   146982809   0	09. GSTPS & KGNST)			RLDC Charges - July-2021 59621	05. EC Revisions 10373218 3836782 0	Total (Main Bills) Rs. 265930682 143124721 0	04.b. ED&Cess on Sales 20664019 5254045 0	04.a. ED&Cess on APC 13818660 3118261 0	03. Incentive (6048503) 2544580 0	02.b. MOPA Charges	02.a.   Energy Charges   154413772   70168461   0	01. Capacity Charges 83082734 62039374 0	ことできたというできると、一次の影響の一直の場合を記される。	Energy Charges(Ps/KWH): 138.00 135.40 166.30 160.20	Energy scheduled(KWH) 111894038 51823088 0	SING PARTICULARS KSTPS KSTPS 3 VSTPS1 VSTP			
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	021K		Energy scheduled(KWH)	Energy Charges(PsAKWH)	をおとうない	Capacity Charges	Energy Charges	MOTA CITATION	ED&Cess on APC	ED&Cess on Sales	Total (Main Bills) Rs.	EC Revisions	RLDC Charges - Aug-2021	Compensation Sept-2021	RTM Gam Sharing Sept-2021	ROE Adjustment	Addi. 08M charges-Wage revision (FGTPS-2)	I I SEED CHARGE CO		URS ADJ (MSTPS-1, MSTPS-2, GSTPS & KGNST)	LC Bill (Gross) Rs.		Net LC Bill (Gross-Rebate)				
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# CHHATTISGARH STATE POWER GENERATION COMPANY LIMITED

(A Govt. of C.G. Undertaking)

Office of the Executive Director (C&RA)

NO. 03-09/Bills-15/ 596

Raipur Dtd. 30 · 10 · 2

To,

The Executive Director (RA&PM)

4th Floor Vidyut Seva Bhawan

CSPDCL, Raipur

CSPDCL, Raipur

CSPDCL Raipur

Sub: Fuel Cost Adjustment calculation for the 3rd Bi-Monthly period of FY 2021-22.

Ref:

1) CSERC MYT Regulations 2015.

- 2) CSERC tariff order dtd. 30/05/2020
- 2) CSERC tariff order dtd. 02/08/2021 read with corr. Dtd 10/08/2021
- 3) CSERC guideline vide letter no 186 dtd. 27/01/2020

In compliance to the CSERC order referred above, please find enclosed FCA Calculation amounting to Rs. 60,52,68,304 /- for the 3rd Bi-Monthly period of FY 2021-22 (Aug-21 & Sep-21). As per CSERC order the above FCA amount shall be claimed in two installments w.e.f. Dec-21

In compliance to CSERC guidelines, cost of coal of Gare Palma-III coal block (GP-III) supplied to ABVTPS has been computed on notified rate of Coal India Ltd. commensurate with the grade of coal.

Executive Director (C&RA)
CSPGCL: Raipur

Presing 9.10.21

Copy to :-

- 1 The Secretary, Chhattisgarh State Electricity Regulatory Commission, New Shanti Nagar Raipur. In compliance to directives given in tariff order dtd. 23/05/2015.
- 2 The E.D. (O&M:Gen) CSPGCL, Raipur
- 3 The G.M. (Fin) CSPGCL, Raipur
- 4 The C.E. (Fuel Mgmt.) CSPGCL, Raipur
- 5 The C.E.(EITC) CSPDCL, Raipur. Kindly upload the same in Company web site (cspc.co.in/cspgcl) under the link Fuel Cost Adjustment-3rd Bi Monthly of FY 2021-22 (August-2021 & Sept-2021)
- 6 The S.O. to M.D. CSPGCL, Raipur
- 7 The S.O. to M.D. CSPDCL, Raipur
- 8 The Manager (B&CM) CSPGCL, Raipur

ST (PM)I

Signir 492013: CIN pg. 140108CT2008SGC015821

Shed No. 06, Vidyut Sewa Bhawan Complex, Dangania, Raipur 492013; CIN no. U40108CT200 SGC015821 Phone No. 0771-2574097; Fax: 0771-2574806; Email: ce.cncp@gmail.com; Web site: www.cseb.gov.in/cspgcl

# Fuel Cost Adjustment calculation for the 3rd Bi-Monthly period of FY 2021-22.

All Figures in Rs.

			· ··· · · · · · · · · · · · · · · · ·
Name of Plant	Aug-21	Sep-21	Total
HTPS	72759940	6,95,19,516	14,22,79,456
DSPM TPS	50002260	4,68,58,811	9,68,61,071
KW Extn	60766054	6,31,49,213	12,39,15,267
MTTPS	134398510	10,78,14,000	24,22,12,510
Total	31,79,26,764	28,73,41,540	60,52,68,304

RUPEES SIXTY CRORES FIFTY TWO LAKHS SIXTY EIGHT THOUSAND THREE HUNDRED FOUR ONLY

As per CSERC order the above amount of FCA shall be claimed as mentioned below:-

Month	LITOC				All Figures in Rs.
	HTPS	DSPM TPS	KW Extn	MTTPS	Total
Dec-21	7,11,39,728	4,84,30,536	6,19,57,634	12,11,06,255	30,26,34,153
Jan-22	7,11,39,728	4,84,30,535			
Total		7= 7==7555	-,,,	, , , - ,	30,26,34,151
	14,22,79,456	9,68,61,071	12,39,15,267	24,22,12,510	60,52,68,304

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# Details/Information for Computation of Energy Charge Rates

	ny Limited TPS Considered	For Month of August-	For Month of	Total for period
Unit	in Tariff order	21	100	
(MMT)		0.34874170	0.29512900	
(MMT)			0.205129	
(MMT)			0.00%	
%	0.20%		0.000590258	
· ·		0.348045	0.294538742	
		630114733.84	533246042.25	*
			2760574.51	
, ,			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
(Rs.)		630114733.84	536006616.76	The same of the same of
	-	1810.44		
		1810.44	1819.82	
		90.75	80.75	
		1 891 19	1,900.57	
	-	0.200	3,203	Section of the section of
	-	2.050	2,650	
ml/ KWh	0.90	0.90	0.90	· · · · · · · · · · · · · · · · · · ·
Kcal/ml	10			7
%	9.70		1 705	40
Rs/ KWh			1.150	2
Rs/ KWh	1.452			
Rs/ KWh				
				And the last of th
	Unit  (MMT)  (MMT)  (MMT)  (MMT)  (MMT)  (MMT)  (Rs.)   Unit in Tariff order  (MMT)  (MMT)  (MMT)  (MMT)  (MMT)  (MMT)  (Rs.)  (Rs.)  (Rs.)  (Rs.)  (Rs.)  (Rs.)  Rs/MT  Rs/MT  Rs/MT  1,609.77  Rs/MT  Rs/MT  1,690.52  (kCal/Kg)  3,406.00  Kcal/ KWh  2,650.00  ml/ KWh  0.90  Kcal/ml  10  %  9.70  Rs/ KWh  Rs/ KWh  Rs/ KWh  KWh	Continuation   Cont	Unit         in Tariff order         21         September-21 order           (MMT)         0.34874170         0.29512900           (MMT)         0.348742         0.295129           (MMT)         0.000697484         0.000590258           (MMT)         0.348045         0.294538742           (Rs.)         630114733.84         533246042.25           (Rs.)         2760574.51           (Rs.)         630114733.84         536006616.76           (Rs.)         1810.44         1819.82           Rs/MT         180.44         1819.82           Rs/MT         1,609.77         1810.44         1819.82           Rs/MT         1,690.52         1,891.19         1,900.57           Rs./MT         1,690.52         1,891.19         1,900.57           (KCal/Kg)         3,406.00         3,308         3,203           Kcal/ KWh         2,650.00         2,650         2,650           ml/ KWh         0.90         0.90         0.90           Kcal/ml         10         10         10           %         9.70         9.70         9.70           Rs/ KWh         1.452         1.452         1.452           Rs/ KWh	

	Details/Info	ormation for (	FORMAT-I	n of Energy Charge Rate	s	
Nar	Details/Info ne of the Company : Chhattsigarh State Power Ge ne of the Power Station : - 1x500 MW KW Extn	neration Con	Considere	For Month of August-	For Month of	Total for period
INai	Description		d in Tariff order	21	September-21	
	Quantity of Coal / Lignite supplied by	(MMT)		0.17176830	0.14536200	
	Coal/Lignite Company Adjustment (+/-) in quantity supplied made by	(MMT)				
ı	I Coal/Lignite Company	(MMT)		0.171768	0.145362	
	Coal supplied by Coal/Lignite Company (a+b)	%	0.20%	0.20%	0.20%	
	Normative Transit & Handling Losses		0.20%	0.000343536	0.000290724	
1	Normative Transit & Handling Losses (cXd)	(MMT)		0.171424	0.145071276	
	Net coal / Lignite Supplied (c-e)	(MMT)		31,03,55,018.24	26,26,43,492.12	
0	Amount charged by the Coal / Lignite	(Rs.)		31,00,00,0	1359685.97	
	h Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		naki in n	1359003.97	
	i Coal Sampling fees				264003178.09	
	j Net amount Charged by Coal Company (g+h+i)	( Rs.)		310355018.24		
	k Rate of Coal for the period Charged by Coal Company =(j/(f*10^6))	Rs/MT		1810.45	1819.82	
	Rate of Bonus paybale to Coal Company	Rs/MT				
	m Net Rate of coal paybale to coal compnay (k+l)	Rs/MT	1,609.77	1810.45	1819.82	
	n Transportation Charge per Ton	Rs/MT	80.75	80.75	80.75	
	O Landed Price of Coal per MT (m+n)	Rs./MT	1,690.52	1,891.20	1,900.57	
	p Average GCV of coal / Lignite as fired	(kCal/Kg)	3,401.00	3284.00	3196.00	
	q Normative SHR	Kcal/ KWh	2,375	2,375	2,375	
	r Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
	S GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
The second second	Normative Auxiliary Consumption	%	5.25		5.25	
	u ECR for the Period= ((q-(rxs))/(p)*(o/1000)/(1-t)	Rs/ KWh		1.440	1.487	
	V ECR as considered in Tariff order	Rs/ KWh	1.243	1.243	1.243	-
	W Change in ECR (u-v)	Rs/ KWh		0.197	0.244	
	aal Scheduled Generation during the Period	KWh		30,84,57,125	25,88,08,250	
_	ab FCA Claim for the Period (wXaa)	Rs		6,07,66,054	6,31,49,213	12,39,15,267

# Details/Information for Computation of Energy Charge Rates

		aanu Limiten	of Energy Charge Rates		
Name of the Company : Chhattsigarh State Power Ge Name of the Power Station : Dr. Shyama Prasad Muki	narjee Therma	al Power Stati	on - DSPM TPS		
Name of the Power Station Discription	Unit	Considered in Tariff order	For Month of August- 21	For Month of September-21	Total for period
a Quantity of Coal / Lignite supplied by Coal/Lignite	(MMT)	order	0.20514308	0.22914538	
Company  h Adjustment (+/-) in quantity supplied made	(MMT)		0.00109200	0.000300	
by(Stock transfer from KTPS)	(MMT)		0.20623508	0.22944538	
	%	0.20%	0.20%	0.20%	
d Normative Transit & Handling Losses		0.2070	0.000412470	0.000458891	
e Normative Transit & Handling Losses (cXd)	(MMT)		0.205822610	0.228986489	
f Net coal / Lignite Supplied (c-e)	(MMT)			426492021.98	
g Amount charged by the Coal / Lignite Company	(Rs.)		381879384.18		
h Adjustment (+/-) in amount charged made by Including stock Transfer from KTPS) Coal/Lignite Company	(Rs.)		1,71,26,485.31	4,84,142.88	
i Coal Sampling fees	(Rs.)		WENT ALL		
j Net amount Charged by Coal Company (g+h+i)	( Rs.)		39,90,05,869.49	42,69,76,164.86	
k Rate of Coal for the period Charged by Coal Company =(j/(X10^6))	Rs/MT		1938.59	1864.63	:
I Rate of Bonus paybale to Coal Company	Rs/MT				
m Net Rate of coal paybale to coal compnay (k+l)	Rs/MT		1938.59	1864.63	í.
n Transportation Cost Paid to railways	Rs		39976600	48357797	
o Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		194.23	211.18	
p Other Charges (per Ton) towards transportation	Rs/MT				
q Total per ton Transportation Charges (o+p)			194.23	211.18	
r Landed Price of Coal per MT ((I+q)	Rs./MT	1,921.22	2132.82	2075.81	
s Average GCV of coal / Lignite as fired	(kCal/Kg)	3,449.00	3433.66	3375.28	
t Normative SHR	Kcal/ KWh	2,500	2,500	2,500	
u Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
v GCV of Secondary Fuel (Oil)	Kcal/ml	10.00		10.00	
w Normative Auxiliary Consumption	%	9.00		9.00	
x ECR for the Period= ((t-(uxv))/(s)*(r/1000)/(1-w)	Rs/ KWh		1.703	1.686	
y ECR as considered in Tariff order	Rs/ KWh	1.527	1.527	4.507	
z Change in ECR (x-y)	Rs/ KWh	T	0.176	1.527 0.159	
aa Scheduled Generation during the Period	Kwh		28,41,03,750		W
ab FCA Claim for the Period (zX aa)	Rs		5,00,02,260	29,47,09,500	N. Luci
			1,10,02,200	4,68,58,811	9,68,61,071

Details/Information for Computation of Energy Charge Rates

Name of the Company: Chhattsigarh State Power Generation Company Limited

Name of the Company Station: Manya Thermal Power Plant - ABVTPS (consolidated => SECL + GP III )

Name of the Power Station : Marwa Thermal Power P	Unit	Considered in Tariff	For Month of August-21	Month of August-21 For Month of		
		order	1 of World of August 2	September-21		
a Quantity of Coal / Lignite supplied by Coal/Lig	nite (MMT)	-	0.281187960			
b Adjustment (+/-) in quantity supplied made Coal/Lignite Company	by (MMT)	-	0.00000000	0.00000000		
c Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.28118796	0.26598409		
d Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%		
e Normative Transit & Handling Losses (cXd)	(MMT)		0.002249504	0.002127873		
Net coal / Lignite Supplied (c-e)	(MMT)		0.278938456	0.263856217		
Amount charged by the Coal / Lignite Compar	, , , ,		286991258.320	269270846.640		
h Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-19102317.170	0.000		
i Coal Sampling Fes	( Rs.)			Talker		
j Net amount Charged by Coal Company (g+h+	i) (Rs.)		267888941.15	269270846.64		
k Rate of Coal for the period Charged by Coal Company =(j/(fX10^6))	Rs/MT		960.39	1020.52		
Rate of Bonus paybale to Coal Company	Rs/MT					
m Net Rate of coal paybale to coal compnay (k+	l) Rs/MT		960.39	1020.52		
n Transportation Cost Paid to railways	Rs		78962989.00	66846609.00		
Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		283.08	253.34		
Road Charges (per Ton) towards transportati	on Rs/MT		757.43	842.93		
Total per ton Transportation Charges (o+p)			1040.51	1096.27		
Landed Price of Coal per MT ((m+q)	Rs./MT	1,990.87	2,000.90	2,116.79		
s Average GCV of coal / Lignite as fired	(kCal/Kg)	3,631.00	2,916	3,065		
Normative SHR	Kcal/ KWh	2,378	2,378	2,378	CHARLES TO	
Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50		
GCV of Secondary Fuel (Oil)	Kcal/ml	10	10			
Normative Auxiliary Consumption	<u></u> ~	5.25	5.25	10		
ECR for the Period= ((t-(uxv))/(s)*(r/1000)/(1-w)	Rs/ KWh		1.719	5.25 1.730		
y ECR as considered in Tariff order	Rs/ KWh	1.373	1.373			
Z Change in ECR (x-y)	Rs/ KWh	1.570		1.373		
Scheduled Generation during the Period	Kwh		0.346	0.557		
ab FCA Claim for the Period (yX z)	Rs	-	38,84,35,000	the state of the s		
The second to the remod (y/ Z)	I KS		13,43,98,510	10,78,14,000		

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Name of the Company: Chhattsigarh State Power Generation Company Limited

Na	me of the Power Station : Marwa Thermal Power Plant -	ABVTPS - S	ECL			-
	Month	Unit	Considered in Tariff order	For Month of August-21	For Month of September-21	
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.029000280	0.000000000	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-			
С	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.02900028	0.00000000	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000232002	- (	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.028768278	-	
g	Amount charged by the Coal / Lignite Company	(Rs.)		43470288.38	0.00	
	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-1,91,02,317.17		<del></del>
	Coal Sampling Fes	( Rs.)				
	Net amount Charged by Coal Company (g+h+i)	( Rs.)		24367971.21	0.00	
k	Rate of Coal for the period Charged by Coal Company =(j/(fX10^6))	Rs/MT		847.04	#DIV/0!	
1	Rate of Bonus paybale to Coal Company	Rs/MT				
m	Net Rate of coal paybale to coal compnay (k+l)	Rs/MT		847.04	#DIV/0!	
n	Transportation Cost Paid to railways	Rs		15274685.00	0.00	
0	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		530.96	#DIV/0!	
p	Road Charges (per Ton) towards transportation	Rs/MT		-		
q	Total per ton Transportation Charges (o+p)			530.96	#DIV/0!	
r	Landed Price of Coal per MT ((m+q)	Rs./MT		1,378.00	#DIV/0!	
S	Average GCV of coal / Lignite as fired	(kCal/Kg)		Single Calleton of	#DIV/0!	
t	Normative SHR	Kcal/ KWh		the state of the s		
u	Normative Specific Oil Consumption	ml/ KWh	-			
<b>E</b>	GCV of Secondary Fuel (Oil)	Kcal/ml				
₹!\v	Normative Auxiliary Consumption	%		-		
х	ECR for the Period= ((t-(uxv))/(s)*(r/1000)/(1-w)	Rs/ KWh	<del> </del>		TO SEE STREET	
у	ECR as considered in Tariff order	Rs/ KWh			MI WALLS STORY	
Z	Change in ECR (x-y)	Rs/ KWh				
aa	Scheduled Generation during the Period	- Kwh		Mary and the second second		
ab'	FCA Claim for the Period (yX z)	Rs	-			
	-					·

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Name of the Company : Chhattsigarh State Power Generation Company Limited Name of the Power Station : Marwa Thermal Power Plant - ABVTPS - (GP-III)

N	ame of the Power Station : Marwa Thermal Power Plant - Month	Unit  Considered		For Month of		
			in Tariff order	Por Workin or August-21	September-21	
a	Quantity of Coal / Lignite supplied by Coal/Lignite	(MMT)	-	0.252187680	0.26598409	90
a	Company				1	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-		0.0050040	
С	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.25218768	0.2659840	
d	Normative Transit & Handling Losses	%		0.00%	0.009	%
e	Normative Transit & Handling Losses (cXd)	(MMT)		-	<u> </u>	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.252187680	0.265984090	
g	Amount charged by the Coal / Lignite Company	(Rs.)		243520969.94	269270846.6	4
Sh	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)				
i	Coal Sampling Fes			Links		
j	Net amount Charged by Coal Company (g+h+i)	( Rs.)		243520969.94	269270846.64	
k	Rate of Coal for the period Charged by Coal Company =(j/(fX10^6))	Rs/MT		965.63	1012.36	
1	Rate of Bonus paybale to Coal Company	Rs/MT				
m	Net Rate of coal paybale to coal compnay (k+l)	Rs/MT		965.63	1012.36	
n	Transportation Cost Paid to railways	Rs		63688304.00	66846609.00	
0	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		252.54	251.32	
р	Road Charges (per Ton) towards transportation	Rs/MT		837.77	836.1834	
q	Total per ton Transportation Charges (o+p)			1090.31	1087.50	
r	Landed Price of Coal per MT ((m+q)	Rs./MT		2,055.94	2,099.86	
S	Average GCV of coal / Lignite as fired	(kCal/Kg)		THE MAN PERSON OF THE	CHICAGO ATC	
t	Normative SHR	Kcal/ KWh				
u	Normative Specific Oil Consumption	ml/ KWh				
v	GCV of Secondary Fuel (Oil)	Kcal/ml				
	Normative Auxiliary Consumption	%				
х	ECR for the Period≃ ((t-(uxv))/(s)*(r/1000)/(1-w)	Rs/ KWh				
у	ECR as considered in Tariff order	Rs/ KWh				
Z	Change in ECR (x-y)	Rs/ KWh				
aa	Scheduled Generation during the Period	Kwh	1	A CALL TO A STATE OF THE STATE	A STATE OF THE STA	
ab'	FCA Claim for the Period (yX z)	Rs				
						1

Note: As per CSERC letter no. 13-EH-30/2020/186 dtd 27.01.2020, Coal cost is taken from SECL notified rates along with applicable taxes for GP-III. Railway freight charges are taken on actual basis.

Road transport charge is as per work order alloted to "Gare palma III Collieries limited" .

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# <u>Details/Information for Computation of Energy Charge Rates for FCA for -- August ' 2021</u>

he Company : Chhattsigarh State Power Generation Company Limited

of the Power Station: HASDEO THERMAL POWER STATION: Korba (West) (4x210MW)



	Month Month			
1			Considered in Tariff order	Aug-21
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.34874170
-o	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0
С	Coal supplied by Coal/Lignite Company (a+b)	(MMT)	-	0.34874170
d	Normative Transit & Handling Losses	%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)	-	
f	Net coal / Lignite Supplied (c-e)	(MMT)	-	
g	Amount charged by the Coal / Lignite Company	(Rs.)	-	63,01,14,733,84
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)	-	
i	Net amount Charged by Coal Company (g+h)	( Rs.)	-	63,01,14,733.84
j(	Rate of Coal for the period Charged by Coal (Company =(i/(f*10^6))	Rs/MT		
k	Rate of Bonus paybale to Coal Company	Rs/MT		
1	Net Rate of coal paybale to coal compnay (j+k)	Rs/MT		
m	Transportation Charge per Ton	Rs/MT		21
n	Landed Price of Coal per MT (I+m)	Rs./MT		
0	Average GCV of coal / Lignite as fired	(kCal/Kg)	3406	
p	Normative SHR	Kcal/ KWh		
1	Normative Specific Oil Consumption	ml/ KWh	0.9	
	GCV of Secondary Fuel (Oil)	Kcal/ml	10	
3	Normative Auxiliary Consumption	%	9.70	
	ECR for the Period= ((p-(qxr))/(0)*(n/1000)/(1-s)	Rs/ KWh		
	ECR as considered in Tariff order	Rs/ KWh	1.502	·
W	Change in ECR (t-u)	Rs/ KWh		
,	Net Generation during the Period	KWh		
	FCA Claim for the Period (vXw )	Rs		i i

### NOTE --

- 1. Values to be filled in shded cells only . Adjustment towards all other parameters shall be taken care of at the time of True Up.
- 2. Other cells carry either computed values or fixed values.
- 3. For computed values formula have been indicated in the particulars column.
- 4. ECR to be worked out to third digit decimal.

Executive Engineer

HTPS, CSPGCL, Korba West



# <u>Details/Information for Computation of Energy Charge Rates for FCA for -- August ' 2021</u>

Name of the Company : Chhattsigarh State Power Generation Company Limited

Name of the Power Station : HASDEO THERMAL POWER STATION: Korba (West) (1x500MW)

	orba (West) (1		
Month		Considered in Tariff order	Aug-21
Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	- ;	0.17176830
Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0
Coal supplied by Coal/Lignite Company (a+b)	(MMT)	-	0.17176830
Normative Transit & Handling Losses	%	0.20%	
Normative Transit & Handling Losses (cXd)	(MMT)		
Net coal / Lignite Supplied (c-e)	(MMT)	-	
Amount charged by the Coal / Lignite	(Rs.)	-	31,03,55,018.24
Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		
Net amount Charged by Coal Company (g+h)	( Rs.)	-	31,03,55,018.24
Rate of Coal for the period Charged by Coal Company =(i/(f*10^6))	Rs/MT		
Rate of Bonus paybale to Coal Company	Rs/MT		
Net Rate of coal paybale to coal compnay (j+k)	Rs/MT		
Transportation Charge per Ton	Rs/MT		
Landed Price of Coal per MT (I+m)	Rs./MT		
Average GCV of coal / Lignite as fired	(kCal/Kg)	3401	
Normative SHR	Kcal/ KWh	2375	•
Normative Specific Oil Consumption	ml/ KWh	0.5	
GCV of Secondary Fuel (Oil)	Kcal/ml		Aug.
Normative Auxiliary Consumption	%	5.25	
ECR for the Period= ((p-(qxr))/(0)*(n/1000)/(1-s)	Rs/ KWh	,	
ECR as considered in Tariff order		1.269	·
Change in ECR (t-u)			
Net Generation during the Period	KWh		
FCA Claim for the Period (vXw )	Rs		
	Quantity of Coal / Lignite supplied by Coal/Lignite Company Adjustment (+/-) in quantity supplied made by Coal/Lignite Company Coal supplied by Coal/Lignite Company (a+b) Normative Transit & Handling Losses Normative Transit & Handling Losses (cXd) Net coal / Lignite Supplied (c-e) Amount charged by the Coal / Lignite Company Adjustment (+/-) in amount charged made by Coal/Lignite Company Net amount Charged by Coal Company (g+h) Rate of Coal for the period Charged by Coal Company = (i/(f*10^6)) Rate of Bonus paybale to Coal Company Net Rate of coal paybale to coal compnay (j+k) Transportation Charge per Ton Landed Price of Coal per MT (I+m) Average GCV of coal / Lignite as fired Normative SHR Normative Specific Oil Consumption GCV of Secondary Fuel (Oil) Normative Auxiliary Consumption ECR for the Period= ((p-(qxr))/(0)*(n/1000)/(1-s) ECR as considered in Tariff order	Quantity of Coal / Lignite supplied by Coal/Lignite Company  Adjustment (+/-) in quantity supplied made by Coal/Lignite (MMT) Company Coal supplied by Coal/Lignite Company (a+b)  Normative Transit & Handling Losses  Normative Transit & Handling Losses (cXd)  Net coal / Lignite Supplied (c-e)  Amount charged by the Coal / Lignite Company Adjustment (+/-) in amount charged made by Coal/Lignite Company Net amount Charged by Coal Company (g+h)  Rate of Coal for the period Charged by Coal Company =(U(f*10^6)) Rate of Bonus paybale to Coal Company Net Rate of coal paybale to Coal Company Net Rate of Coal paybale to Coal Company Res/MT  Net Rate of Coal paybale to Coal Company Net Rate of Coal paybale to Coal Company Res/MT  Normative Share Normative Share Normative Share Normative Specific Oil Consumption  GCV of Secondary Fuel (Oil)  Normative Auxillary Consumption  ECR for the Period= ((p-(qxr))/(0)*(n/1000)/(1-s)  ECR as considered in Tariff order  Change in ECR (t-u)  Res/KWh  KWh	Quantity of Coal / Lignite supplied by Coal/Lignite Company Adjustment (+/-) in quantity supplied made by Coal/Lignite Company Coal supplied by Coal/Lignite Company (a+b) Normative Transit & Handling Losses Normative Transit & Handling Losses (cXd) Net coal / Lignite Supplied (c-e) Amount charged by the Coal / Lignite Company Adjustment (+/-) in amount charged made by Coal/Lignite Company Net amount Charged by Coal Company (g+h) Rate of Coal for the period Charged by Coal Company = (i/(f*10^6)) Rate of Bonus paybale to Coal Company Net Rate of coal paybale to Coal Company (j+k) Transportation Charge per Ton Landed Price of Coal per MT (I+m) Average GCV of coal / Lignite as fired Normative SHR Normative SHR Normative Specific Oil Consumption GCV of Secondary Fuel (Oil) Normative Auxiliary Consumption  Rs/KWh (cal/ml) Normative Auxiliary Consumption Rs/KWh (cal/ml) Rs/KWh

### NOTE---

- 1. Values to be filled in shded cells only . Adjustment towards all other parameters shall be taken care of at the time of True Up.
- 2. Other cells carry either computed values or fixed values.
- 3. For computed values formula have been indicated in the particulars column.
- 4. ECR to be worked out to third digit decimal.

Executive Engineer
HTPS, CSPGCL, Korba West