**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-IVCA/

1985

Raipur, Date 15-11-2021

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

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 (3rd bi-monthly period of FY 2021-22)

(A) CHFC: -

Month	HTPS	DSPM TPS	Korba(W) Extn.	Total Amt.in Rs.
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	6,31,49,213	17,95,27,540
Total in Rs.	14,22,79,456	9,68,61,071	12,39,15,267	36,30,55,794

(B) CHPP:

- (i) Total units purchased from NTPC and NSPCL : 241,12,86,264 KWh ✓
- (ii) Amount paid against units purchased : Rs. 993,78,99,744
- (iii) Rate per unit : Rs. 4.12 /KWh
- (iv) Average rate approved by CSERC for purchase of power from Central generating stations (NTPC & NSPCL only) : Rs. 3.62/KWh ✓
- (v) Diff. in rate (iii-iv) : Rs. 0.50/KWh
- (vi) CHPP (in Rs.) (i)x(v) : Rs. 120,56,43,132
- C. Gross VCA (A+B) in Rs : Rs. 156,86,98,926
- D. Total quantum of power purchased during the period : 602,17,03,763 Kwh
- E. Quantum of power purchased for sale to retail consumers of the State : 561,79,42,763 KWh
- F. Allowable VCA (in Rs.) [C*(E/D)] : Rs. 146,35,16,162
- G. Normative transmission & distribution losses as specified in Tariff order : 16.36%
- H. 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	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

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.

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Computation of CHPP

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

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

S.No.	Particulars			
1	CHFC	Rs.	363055794	
2	CHPP	Rs.	1205643132	
3	Gross VCA(sub total in Rs.)	Rs.	1568698926 ✓	
4	Allowable VCA(in Rs.)	Rs.	1463516162 ✓	
5	Allowable VCA(in Rs./kwh)	Rs./Kwh	0.31 ✓	

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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_1	2412892625	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations(Bango)	Q_2	151757851	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations(Small Hydel Station of CSPGCL + CoGen Kawardha)	Q_3	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	$Q_5=Q_4(1-L1)$	3035475234	KwH
7	Quantum of actual power purchased from Renewable energy Sources	Q_6	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_8	104056000	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery (IEX)	$Q_9=Q_8(1-L1)$	100674180	KwH
11	Quantum of power purchased from other Sources(if any)(Short term + Border Village+Un schduled)	Q_{10}	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 through IEX+Sale to Telangana)	Q_{PT}	403761000	KwH
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 सेल का संयुक्त उपकरण)

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 Amount (Rs.)
1	Capacity Charges	Cr.(Rs)/Yr	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			
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, एनटीपीसी टावर, 15, भीकाजी कामा प्लेस, नई दिल्ली, 110066

दूरभाष / Tel: 011-26717378-79-80-82, 26712273/ 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 उपक्रम)

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 Amount (Rs.)
1	Capacity Charges	Cr.(Rs)/Yr	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

Ninety-Six Million Eight Hundred Nine Thousand Six Hundred Twenty And Zero INR

पंजीकृत केन्द्रीय कार्यालय : चतुर्थ तल, एनटीपीसी टावर, 15, भिकाजी कामा प्लेस, नई दिल्ली - 110066

दूरभाष / Tel: 011-26717378-79-80-82, 26712273/ Fax: 011-, 26717364, 26717365, 26717366, 26717381

Registered Corporate Office: 4th Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi-110066

NTPC LIMITED
WESTERN REGION HEADQUARTERS, MUMBAI-400093
LC BILL RAISED IN THE MONTH OF OCT 2021

FAX to: M-Annand Palle, DGM (Comm)
0711 - 2559160

Sl. No.	PARTICULARS	CUSTOMER										CSEB	NET PAYABLE (Rs)	For & on behalf of NTPC Ltd.					
		MSIPAT-1	MSIPAT-2	MSIPAT-3	MSIPAT-4	MSIPAT-5	MSIPAT-6	MSIPAT-7	MSIPAT-8	MSIPAT-9	MSIPAT-10								
01.	Capacity Charges	83082734	80382700	0	0	42829960	56947865	8882969	23741783	113657920	38675261	72915051	157685744	19008035	18068982	77856074	108060566	2027503444	4440304471
02.a.	Energy Charges	135564088	52040156	0	0	39688210	41462831	25382705	115690837	103789913	24327720	17780679	52566588	12038435	66384111	327127483	47470270	148305164	4440304471
02.b.	MOPA Charges	135564088	52040156	0	0	39688210	41462831	25382705	115690837	103789913	24327720	17780679	52566588	12038435	66384111	327127483	47470270	148305164	4440304471
03.	Incentive	8670828	3791083	0	0	0	2926844	0	0	6944447	784310	0	0	2042976	0	4398644	0	18321502	4440304471
04.a.	EDCs on APC	11468916	4674355	0	0	2513553	2341250	0	0	10214651	1949402	0	0	0	5303751	44187760	2032824	104589890	4440304471
04.b.	EDCs on Sales	16784106	7773463	0	0	0	0	0	31474850	16117814	0	0	0	0	0	74757290	0	148305164	4440304471
05.	Total (Main Bill) Rs.	305031709	143692209	0	0	109197066	128069335	158812843	418961013	297845566	81257778	138010117	340288897	4437761	405298456	1599106871	258732198	422907018	4440304471
06.	EC Revisions	59656	21308	0	0	29583	17738	17671	88916	44884	11364	0	44631	18475	44123	270111	35590	684582	4440304471
07.	RUDC Changes - Aug 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4440304471
08.	RTM Gain Sharing Sep-2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4440304471
09.	ROE Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4440304471
10.	MSB DGM Charges- Mega revision (EGTFS-2)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4440304471
11.	Ash Transportation charges (EGTFS-2)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4440304471
12.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4440304471
13.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4440304471
14.	URS RDY (MSIPAT-1, MSIPAT-2, MSIPAT-3 & MSIPAT-4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4440304471
15.	LC Bill (Gross) Rs.	305111364	143713515	0	0	109226749	128078273	171683790	418149929	297788622	81269142	151993226	344152777	44396236	393629787	1591887973	255953384	4440304471	4440304471
16.	Net LC Bill (Gross-Rebate)	305111364	143713515	0	0	109226749	128078273	171683790	418149929	297788622	81269142	151993226	344152777	44396236	393629787	1591887973	255953384	4440304471	4440304471
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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. 30.10.21

To,

The Executive Director (RA&PM)
4th Floor Vidyut Seva Bhawan
CSPDCL, Raipur

E. D. RA & PM OF CSPGCL Raipur	
4658	
Date	03.11.2021

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.

Pradi
29.10.21
Executive Director (C&RA)
CSPGCL: Raipur

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

SE (PM) I

03/11

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

All Figures in Rs.

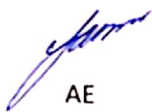
Name of Plant	Aug-21	Sep-21	Total
HTPS	72759940	6,95,19,516	14,22,79,456
DSPM TPS	50002260	4,68,58,811	9,68,61,071
KW Extn	60766054	6,31,49,213	12,39,15,267
MTTPS	134398510	10,78,14,000	24,22,12,510
Total	31,79,26,764	28,73,41,540	60,52,68,304

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:-

All Figures in Rs.

Month	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	6,19,57,633	12,11,06,255	30,26,34,151
Total	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

Name of the Company : Chhattisgarh State Power Generation Company Limited
 Name of the Power Station : Korba (West) Thermal Power Station - HTPS

	Description	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 Company	(MMT)		0.34874170	0.29512900	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.348742	0.295129	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000697484	0.000590258	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.348045	0.294538742	
g	Amount charged by the Coal / Lignite Company	(Rs.)		630114733.84	533246042.25	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)			2760574.51	
i	Coal Sampling fees	(Rs.)				
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		630114733.84	536006616.76	
k	Rate of Coal for the period Charged by Coal Company = (j/(f*10^6))	Rs/MT		1810.44	1819.82	
l	Rate of Bonus payable to Coal Company	Rs/MT		1810.44	1819.82	
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT	1,609.77			
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	1,891.19	1,900.57	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,406.00	3,308	3,203	
q	Normative SHR	Kcal/ KWh	2,650.00	2,650	2,650	
r	Normative Specific Oil Consumption	ml/ KWh	0.90	0.90	0.90	
s	GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
t	Normative Auxiliary Consumption	%	9.70	9.70	9.70	
u	ECR for the Period= ((q-(rxs))/(p)*(o/1000))/(1-t)	Rs/ KWh		1.672	1.735	
v	ECR as considered in Tariff order	Rs/ KWh	1.452	1.452	1.452	
w	Change in ECR (u-v)	Rs/ KWh		0.220	0.283	
aa	Scheduled Generation during the Period	KWh		33,07,27,000	24,56,52,000	
ab	FCA Claim for the Period (wXaa)	Rs		7,27,59,940	6,95,19,516	14,22,79,456


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FORMAT-I
Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited
 Name of the Power Station : - 1x500 MW KW Extn

	Description	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 Company	(MMT)		0.17176830	0.14536200	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.171768	0.145362	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000343536	0.000290724	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.171424	0.145071276	
g	Amount charged by the Coal / Lignite Company	(Rs.)		31,03,55,018.24	26,26,43,492.12	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)			1359685.97	
i	Coal Sampling fees					
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		310355018.24	264003178.09	
k	Rate of Coal for the period Charged by Coal Company = (j/(f*10^6))	Rs/MT		1810.45	1819.82	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (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	
t	Normative Auxiliary Consumption	%	5.25	5.25	5.25	
u	ECR for the Period = ((q-(rs))/(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	
aa	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


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Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited
 Name of the Power Station : Dr. Shyama Prasad Mukharjee Thermal Power Station - DSPM TPS

	Description	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 Company	(MMT)		0.20514308	0.22914538	
b	Adjustment (+/-) in quantity supplied made by (Stock transfer from KTPS)	(MMT)		0.00109200	0.000300	
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.20623508	0.22944538	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000412470	0.000458891	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.205822610	0.228986489	
g	Amount charged by the Coal / Lignite Company	(Rs.)		381879384.18	426492021.98	
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.)				
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)/(fX10 ⁶)	Rs/MT		1938.59	1864.63	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		1938.59	1864.63	
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 ((l+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	10.00	
w	Normative Auxiliary Consumption	%	9.00	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	1.527	
z	Change in ECR (x-y)	Rs/ KWh		0.176	0.159	
aa	Scheduled Generation during the Period	Kwh		28,41,03,750	29,47,09,500	
ab	FCA Claim for the Period (zX aa)	Rs		5,00,02,260	4,68,58,811	9,68,61,071


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Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Month	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 Company	(MMT)	-	0.281187960	0.265984090	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0.000000000	0.000000000	
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	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.278938456	0.263856217	
g	Amount charged by the Coal / Lignite Company	(Rs.)		286991258.320	269270846.640	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-19102317.170	0.000	
i	Coal Sampling Fes	(Rs.)				
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	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		960.39	1020.52	
n	Transportation Cost Paid to railways	Rs		78962989.00	66846609.00	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		283.08	253.34	
p	Road Charges (per Ton) towards transportation	Rs/MT		757.43	842.93	
q	Total per ton Transportation Charges (o+p)			1040.51	1096.27	
r	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	
t	Normative SHR	Kcal/ KWh	2,378	2,378	2,378	
u	Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
v	GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
w	Normative Auxiliary Consumption	%	5.25	5.25	5.25	
x	ECR for the Period= ((t-(uxv))/(s)*(r/1000))/(1-w)	Rs/ KWh		1.719	1.730	
y	ECR as considered in Tariff order	Rs/ KWh	1.373	1.373	1.373	
z	Change in ECR (x-y)	Rs/ KWh		0.346	0.357	
aa	Scheduled Generation during the Period	Kwh		38,84,35,000	30,20,00,000	
ab	FCA Claim for the Period (yX z)	Rs		13,43,98,510	10,78,14,000	


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Name of the Company : Chhattisgarh State Power Generation Company Limited
 Name of the Power Station : Marwa Thermal Power Plant - ABVTPS - SECL

	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)	-		
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.02900028	0.000000000
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
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-1,91,02,317.17	
i	Coal Sampling Fes	(Rs.)			
j	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!
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		847.04	#DIV/0!
n	Transportation Cost Paid to railways	Rs		15274685.00	0.00
o	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)			
t	Normative SHR	Kcal/ KWh			
u	Normative Specific Oil Consumption	ml/ KWh			
v	GCV of Secondary Fuel (Oil)	Kcal/ml			
w	Normative Auxiliary Consumption	%			
x	ECR for the Period= ((t-(uxv))/(s)*(r/1000))/(1-w)	Rs/ KWh			
y	ECR as considered in Tariff order	Rs/ KWh			
z	Change in ECR (x-y)	Rs/ KWh			
aa	Scheduled Generation during the Period	Kwh			
ab'	FCA Claim for the Period (yX z)	Rs			


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

	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)	-	0.252187680	0.265984090
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-		
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.25218768	0.26598409
d	Normative Transit & Handling Losses	%		0.00%	0.00%
e	Normative Transit & Handling Losses (cXd)	(MMT)		-	-
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.252187680	0.265984090
g	Amount charged by the Coal / Lignite Company	(Rs.)		243520969.94	269270846.64
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)			
i	Coal Sampling Fes				
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 = $(j/(f \times 10^6))$	Rs/MT		965.63	1012.36
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		965.63	1012.36
n	Transportation Cost Paid to railways	Rs		63688304.00	66846609.00
o	Transportation Charge rate paid to Railways $(n/(f \times 10^6))$	Rs/MT		252.54	251.32
p	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)			
t	Normative SHR	Kcal/ KWh			
u	Normative Specific Oil Consumption	ml/ KWh			
v	GCV of Secondary Fuel (Oil)	Kcal/ml			
	Normative Auxiliary Consumption	%			
x	ECR for the Period = $((t-(uxv))/(s)*(r/1000))/(1-w)$	Rs/ KWh			
y	ECR as considered in Tariff order	Rs/ KWh			
z	Change in ECR (x-y)	Rs/ KWh			
aa	Scheduled Generation during the Period	Kwh			
ab'	FCA Claim for the Period (yX z)	Rs			

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 allotted to "Gare palma III Collieries limited" .


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Details/Information for Computation of Energy Charge Rates for FCA for -- August ' 2021

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the Company : Chhattisgarh State Power Generation Company Limited

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

Month	Unit	Considered in Tariff order	Aug-21	
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.34874170
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0
c	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 payable to Coal Company	Rs/MT		
l	Net Rate of coal payable to coal compnay (j+k)	Rs/MT		
m	Transportation Charge per Ton	Rs/MT		
n	Landed Price of Coal per MT (l+m)	Rs./MT		
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3406	
p	Normative SHR	Kcal/ KWh	2650	
q	Normative Specific Oil Consumption	ml/ KWh	0.9	
r	GCV of Secondary Fuel (Oil)	Kcal/ml	10	
s	Normative Auxiliary Consumption	%	9.70	
t	ECR for the Period= $((p-(qxr))/(0)*(n/1000))/(1-s)$	Rs/ KWh		
u	ECR as considered in Tariff order	Rs/ KWh	1.502	
v	Change in ECR (t-u)	Rs/ KWh		
w	Net Generation during the Period	KWh		
x	FCA Claim for the Period (vXw)	Rs		

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

FORMAT-I

Details/Information for Computation of Energy Charge Rates for FCA for -- August ' 2021

Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Month	Unit	Considered in Tariff order	Aug-21
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.17176830
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)	-	0.17176830
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.)	-	31,03,55,018.24
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)	-	-
i	Net amount Charged by Coal Company (g+h)	(Rs.)	-	31,03,55,018.24
j	Rate of Coal for the period Charged by Coal Company = $(i/(f*10^6))$	Rs/MT		
k	Rate of Bonus payable to Coal Company	Rs/MT		
l	Net Rate of coal payable to coal compnay (j+k)	Rs/MT		
m	Transportation Charge per Ton	Rs/MT		
n	Landed Price of Coal per MT (l+m)	Rs./MT		
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3401	
p	Normative SHR	Kcal/ KWh	2375	
q	Normative Specific Oil Consumption	ml/ KWh	0.5	
r	GCV of Secondary Fuel (Oil)	Kcal/ml	10	
s	Normative Auxiliary Consumption	%	5.25	
t	ECR for the Period= $((p-(qxr))/(0)*(n/1000)/(1-s))$	Rs/ KWh		
u	ECR as considered in Tariff order	Rs/ KWh	1.269	
	Change in ECR (t-u)	Rs/ KWh		
w	Net Generation during the Period	KWh		
x	FCA Claim for the Period (vXw)	Rs		

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