

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.)	CHFC+CHPP Rs.	1568698926 ✓
4	Allowable VCA(in Rs.)	Gross VCA (in Rs.) $\times \frac{Q_{rs}}{Q_{pp}}$ Rs.	1463516162 ✓
5	Allowable VCA(in Rs./Kwh)	Allowable VCA (in Rs.)/[Qrs*(1-L)] 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 scheduled)	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, एनपीसीसी टावर, 15, भीकाजी कामा प्लेस, नई दिल्ली - 110066

दूरभाष / 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 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, 26172273/ Fax: 011-, 26717364, 26717365, 26717366, 26717381

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

N T P C LIMITED
WESTERN REGION HEADQUARTERS, MUMBAI-400093
LC BILL RAISED IN THE MONTH SEPT 2021

CUSTOMER: CSEB

FAX to: Mr. Anand Patil, DGM(Comm)
 0771-2259160

SINO.	PARTICULARS	KSTPS	KSTPS-3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS1	KGPS2	ESIPAT1	SIPAT2	VSTPS5	MST2	SIP	KSTPS2	KSTPS3	GSSTPS	VARA	KHARGONE	AMTRB
	Energy scheduled (KWH)	111894038	51823088	0	0	57940294	35975065	28506383	620	620	209827007	107452094	25512231	32465773	45453132	13841058		73708231	498358201	31717215	
	Energy Charges(P/KWH)	139.00	135.40	166.30	160.20	158.80	156.90	348.30	14	10497	174.70	179.80	161.80	349.60	380.00	255.00		288.100	263.600	285.700	
01.	Capacity Charges	83082734	62039374	0	0	42614054	56853409	67950909	0	0	237417883	113801541	38478999	71542007	157218333	19006035	0	187697052	777980853	76499743	1992182326
02.a.	Energy Charges	154413772	70169461	0	0	60249187	56444877	99287732			366507781	193198865	41278790	113500342	172721902	35294698	0	212353414	1313672218	90616369	2979768408
02.b.	MOPA Charges	(6048503)	2544580	0	0	0	(336822)	0	0	0	12758849	7241332	1024786	0	0	0	0	0	4399644	0	21333865
04.a.	ED&Cess on APC	13818660	3118261	0	0	4247099	2578045	0	0	0	20196991	8911243	1964807	0	0	0	0	2242197	38248610	1267223	96545836
04.b.	ED&Cess on Sales	20664019	5254045	0	0	0	0	0	0	0	32136555	14272214	0	0	0	0	0	402292563	66779252	139106085	5228987121
	Total (Main Bills) Rs.	265930682	143124721	0	0	107110340	115339509	167238641	0	0	659030759	337425195	82747382	185042349	329840235	54300733	0	402292563	2201080577	168383335	5228987121
05.	EC Revisions	10373218	3836782	0	0	1754119	1089505	0	0	0	88916	44876	11537	23734	43151	18475	0	44089	228870	34909	682459
06.	RUDC Charges - July-2021	59621	21306	0	0	29816	17769	17390	0	0	0	0	0	4250756	6192588	0	0	1761318	0	0	3287642
07.	Compensation Aug-2021	0	0	0	0	0	0	20651787	0	0	0	0	0	0	0	0	0	0	0	0	0
08.	RTRM Gain Sharing Aug-2021	0	0	0	0	0	0	(176410)	0	0	0	0	0	(1201350)	(1082897)	0	0	(820461)	0	0	(341077)
09.	DRS Adj. (MSTPS-1, MSTPS-2, GSTPS & KGNST)																				6416
10.	LC Bill (Gross) Rs.	276363521	146982809	0	0	108894275	116426783	187734438	0	0	669119675	337470071	83410659	188115489	335093057	54319208	0	403277609	2206329081	162908574	5276448635
11.	Net LC Bill (Gross-Rebate)	276363521	146982809	0	0	108894275	116426783	187734438	0	0	669119675	337470071	83410659	188115489	335093057	54319208	0	403277609	2206329081	162908574	5276448635
REBATABILE		#####																			
NON-REBATABILE		0																			
Total Bill		#####																			
NET PAYABLE (Rs.)		For & on behalf of NTPC Ltd																			
TOTAL PAYABLE for the month																					
		5276448635																			

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 CS PGCL 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

[Signature]
03/11

(500)

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				
m	Net Rate of coal payable to coal company (k+l)	Rs/MT	1,609.77	1810.44	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	1,891.19	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= $((q-(rs))/p)*(o/1000)/(1-t)$	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 company (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)	-	0.00000000	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	
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	0.00000000
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
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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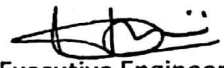
the Company : Chhattisgarh State Power Generation Company Limited

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 = $(i/(f \times 10^6))$	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= $((p-(qxr))/(0) \times (n/1000))/(1-s)$	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

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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.
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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