

976

Computation of VCA Charges (6th bi-monthly period of FY 2021-22)

(A) CHFC: -

Month	HTPS	DSPM TPS	Korba (W) Extn.	MTTPS	Total Amt.in Rs
Feb-22	4,45,52,538	5,87,11,413	1,49,82,744	3,66,29,821	15,48,76,521
Mar-22	2,77,06,180	4,70,94,977	2,27,30,418	2,84,61,073	12,59,92,648
Total in Rs.	7,22,58,718	10,58,06,395	3,77,13,162	6,50,90,894	28,08,69,169

(B) CHPP:

- (i) Total units purchased from NTPC and NSPCL : 247,41,49,532 KWh
- (ii) Amount paid against units purchased : Rs. 969,71,36,796
- (iii) Rate per unit : Rs. 3.92 /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. 0.30/KWh
- (vi) CHPP (in Rs.) (i)x(v) : Rs. 74,22,44,860
- C. Gross VCA (A+B) in Rs : Rs. 102,31,14,029
- D. Total quantum of power purchased during the period : 642,74,78,061 Kwh
- E. Quantum of power purchased for sale to retail consumers of the State : 569,24,83,061 KWh
- F. Allowable VCA (in Rs.) $[C \times (E/D)]$: Rs. 90,61,18,889
- G. Normative transmission & distribution losses as specified in Tariff order : 16.36%
- H. Allowable VCA Charges(Rs./Kwh) $(F \times E \times (1-G))$: **Rs. 0.19 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. 0.19 per unit |
| 4. | Agriculture Consumers | Rs. 0.19 per unit |
| 5. | Rest all categories | Rs. 0.19 per unit |

To be recovered from energy bill for the consumption in the months of May'2022 and June'2022 payable in the months of June'2022 and July'2022 respectively.

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Computation of CHPP

S.No.	Particulars		
1	Scheduled energy purchased from CGs during 6th bi-monthly period of FY 2021-22	Kwh	2,47,41,49,532 ✓
2	Amount paid against units purchased	Rs.	9,69,71,36,796 ✓
3	Average rate of power purchase	Rs./Kwh	3.92 ✓
4	Average rate of Power Purchase as per Tariff Order	Rs./Kwh	3.62
5	Difference in the average rate of PP	Rs./Kwh	0.30 ✓
6	CHPP(Change in the cost of power purchased from CGs)	Rs.	742244860 ✓

Computation of VCA (6th Bi-monthly period of FY 2021-22)

S.No.	Particulars			
1	CHFC		Rs.	280869169 ✓
2	CHPP		Rs.	742244860 ✓
3	Gross VCA(sub total in Rs.)	CHFC+CHPP	Rs.	1023114029 ✓
4	Allowable VCA(in Rs.)	Gross VCA (in Rs.) $\times Q_{Rs}/Q_{pp}$	Rs.	906118889 ✓
5	Allowable VCA(in Rs/Kwh)	Allowable VCA (in Rs.)/[Qrs*(1-L)]	Rs./Kwh	0.19 ✓

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Computation of Qpp and Qrs (6th Bi-monthly of FY 2021-22)

S No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	Q_1	2975387313 ✓	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations(Bango)	Q_2	54039257 ✓	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations(Small Hydel Station of CSPGCL + CoGen Kawardha)	Q_3	5457469 ✓	KwH
4	Quantum of scheduled power purchased from CGs	Q_4	3158851826 ✓	KwH
5	PGCIL actual losses for the bi-monthly period	L_1	3.49% ✓	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5 = Q_4(1-L_1)$	3048607897 ✓	KwH
7	Quantum of actual power purchased from Renewable energy Sources	Q_6	244656760 ✓	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	49658000 ✓	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery (IEX)	$Q_9 = Q_8(1-L_1)$	47924935 ✓	KwH
11	Quantum of power purchased from other Sources (if any)(Short term + Border Village+Un scheduled)	Q_{10}	51404419 ✓	KwH
12	Total Quantum of power purchased	$Q_{pp} = Q_1 + Q_2 + Q_3 + Q_5 + Q_6 + Q_7 + Q_9 + Q_{10}$	6427478061 ✓	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}	734995000 ✓	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS} = Q_{pp} - Q_{PT}$	5692483061 ✓	KwH

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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 : 01.02.2022 - 28.02.2022

Bill Date : 03.03.2022

Bill No. 6300294

Beneficiary Name : Chhatisgarh State Power

GSTIN Of Beneficiary : 22AADCC6047K1ZR

Station Data		Beneficiary Data	
PAFM	%	Energy Schd.	28,770,375.00 kwh
NAPAF	85.000 %		

Energy Charge Rate (ECR)		((GHR - SFC x CVSF) x LPPF / CVPF + SFC x LPSFI + LC x LPL) x 100 / (100 - AUX)	
ECR	2.4530 Rs/kwh		

Base Values		Month Values	
AUX	9.000 %	CVSF	9.8510 Kcal/ml
GHR	2415.000 kCAL/kwh	LPPF	2.8394 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3184.779 kCal/Kg
		LPSFI	0.049719 Rs/ml

ED / Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	301,653,413.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kvah
SAIL TEED	kwh	ED Rate on APC	0.641 Rs./kwh
		Energy Schd. for Benf.	28,770,375.00 kwh
		ED/Cess/Taxes Amt.	1,438,519.00 Rs.
		ED on APC Amt.	1,653,294.00 Rs.

Provisional Bill Period		Final Previous Period	
APC excl. Colony Cons.	27,042,991.00 kwh	Plant APC excl. Colony	26,581,072.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	2,579,241.47 kwh	Applicable APC for ED	1,946,936.33 kwh
		Difference	kwh
APC excl. Colony	26,581,072.00 kwh	Appl. APC ED (Curr. Bill)	2,579,241.47 kwh
Power factor	1.0000		
Appl. APC for ED	1,946,936.33 kwh		

Adjustment due to Revised ECR		Adjustment due to Revised REA	
ECR Prev. Period	2.7380 Rs./kwh	ECR-Rev Prev. Period	2.7440 Rs./kwh
ECR-Rev. Prev. Period	2.7440 Rs./kwh	Schd. Energy (last bill)	23,176,250.00 kwh
Difference	0.006 Rs./kwh	Schd. Energy (REA)	23,176,250.00 kwh
Energy Schd Prev Period	23,176,250.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	139,057.50 Rs.	Adj. due to Rev. Energy	0.00 Rs.

Other Charges		Rebate & Surcharge Details	
WRLDC fees & charges amt.	14,087.00 Rs.	Cap. Charges Prev Period	Rs.
Uldc charges	0.00 Rs.	Energy Charges Prev Period	63,456,573.50 Rs.
Poc charges (BSP)	0.00 Rs.	Other Adj. Prev Period	Rs.
Tariff filling fee	0.00 Rs.	Total Applicable	63,456,573.50 Rs.
Miscellaneous charges	0.00 Rs.	Rebate	%
Total Other Charges billed	14,087.10 Rs.	Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	0.00 Rs.

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 : 01.03.2022 - 31.03.2022

Bill Date : 04.04.2022

Bill No. 6300299

Beneficiary Name : Chhatisgarh State Power

GSTIN Of Beneficiary : 22AADCC6047K1ZR

Station Data		Beneficiary Data	
PAFM	76.8073 %	Energy Schd.	32,515,383.00 kwh
NAPAF	85.000 %		

Energy Charge Rate (ECR)		((GHR - SFC x CVSF) x LPPF / CVPF+SFC x LPSFI + LC x LPL) x 100 / (100 - AUX)	
ECR	2.4370 Rs/kwh		
Base Values		Month Values	
AUX	9.000 %	CVSF	10.1810 Kcal/ml
GHR	2415.000 kCAL/kwh	LPPF	2.8271 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3190.639 kCal/Kg
		LPSFI	.048359 Rs/ml

ED Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	334,240,500.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kvah
SAIL TEED	kwh	ED Rate on APC	0.641 Rs./kwh
		Energy Schd. for Benf.	32,515,383.00 kwh
		ED/Cess/Taxes Amt.	1,625,769.00 Rs.
		ED on APC Amt.	2,046,192.00 Rs.

Current Period		Final Previous Period	
APC excl. Colony Cons.	32,813,952.00 kwh	Plant APC excl. Colony	27,042,991.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	3,192,187.11 kwh	Applicable APC for ED	2,579,241.47 kwh
		Difference	kwh
APC excl. Colony	27,042,991.00 kwh	Appl. APC ED (Curr. Bill)	3,192,187.11 kwh
Power factor	1.0000		
Appl. APC for ED	2,579,241.47 kwh		

Adjustment due to Revised ECR		Adjustment due to Revised REA	
ECR Prev. Period	2.4530 Rs./kwh	ECR-Rev Prev. Period	2.3810 Rs./kwh
ECR-Rev. Prev. Period	2.3810 Rs./kwh	Schd. Energy (last bill)	28,770,375.00 kwh
Difference	0.072- Rs./kwh	Schd. Energy (REA)	28,770,375.00 kwh
Energy Schd Prev Period	28,770,375.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	2,071,467.00- Rs.	Adj. due to Rev. Energy	0.00 Rs.

Other Charges		Rebate & Surcharge Details	
WRLDC fees & charges amt.	14,085.00 Rs.	Cap. Charges Prev Period	Rs.
Uldc charges	0.00 Rs.	Energy Charges Prev Period	70,573,730.88 Rs.
Poc charges (BSP)	0.00 Rs.	Other Adj. Prev Period	Rs.
Tariff filling fee	0.00 Rs.	Total Applicable	70,573,730.88 Rs.
Miscellaneous charges	0.00 Rs.	Rebate	%
Total Other Charges billed	14,084.60 Rs.	Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	0.00 Rs.

NTPC LIMITED
REGION HEADQUARTERS, MUMBAI-400093
MAR2022

CSEB

MAR2022/CSEB															CUSTOMER: CSEB		KHAIRONE				
BIL NO.	PARTICULARS	KSTPS	KSTPS 3	USPTS1	USPTS2	VSPTS3	VSPTS4	MSPTS4	KGPS	JGPS	SIPAT1	SIPAT2	VSPTS5	MS1-2	SLP	KSTPS 2	RSTPS	GSTPS	LARA	AMT (Rs)	
	Energy scheduled(KWH)	119378653	47099719	0	0	63970452	39303761	21402963	620 L: 0 M: 0 N: 2065 R: 9185	123999992	96329767	2250248	16427044	40633703	14633921	7309407	457289730	72058206			
	Energy Charges(F&W/H)	134.40	134.80	159.30	152.40	151.10	149.10	397.00		132.70	142.70	153.80	398.50	395.90	255.70	393.300	193.100	288.100			
01.	Capacity Charges	6398734	60392700	0	0	70820352	56947355	61775450	0	193955607	117100519	113801541	38675261	72990078	151279533	19096035	0	226282729	778841469	157781594	
02.a	Energy Charges	159875323	6344981	0	0	96054953	59801908	84973733	0	0	0	0	0	0	0	0	280178528	88256808	20759891	0	
02.b	MCPA Charges	2251426	3628497	0	0	0	3398	0	0	0	0	0	0	0	0	0	3200411	43942218	1446491	0	
03.	Iterative	13673412	4655443	0	0	3752826	1712833	0	0	0	0	0	0	0	0	0	75102655	0	0	0	
04.a	EDC/loss on APC	2006526	7721286	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04.b	EDC/loss on Sales	275054121	139837907	0	0	170828131	117265504	152749193	0	399044932	28054142	0	78999191	43951848	301894882	56424871	0	506611068	1783445076	0	
	Total (Main Bill) Rs.	501061	174901	0	0	29829	17461	430653	0	7693185	88601	43830	11250	24000	10767524	0	0	0	0	0	
06.	EC Revisions	58534	21144	0	0	0	0	17553	0	0	0	0	0	0	0	0	0	0	0	0	
07.	RUDC Charges Jan-22 (NR, ER) & Rev. ER	0	0	0	0	0	0	10101379	0	0	0	0	0	0	0	0	0	0	0	0	
08.	Compensation Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
09.	RMA Gen Sharing Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	ROE Fdg. as per NTPC Declaration Jan-22																				
11.	Arrear of White Charges (VSPTS-1) 2nd installment	EA REV. JAN-22 (MSPTS-2) & FILING ADJ. VSPTS-1																			
12.	LPSC																				
13.	LPSC Adjustment																				
14.	LC Bill (Gross) Rs.	275613816	140033852	0	0	170659960	117232955	161716864	0	330441748	27647222	78929441	151897617	312707147	56415518	0	506674458	1779946057	364785436	4789085121	
15.	Net LC Bill (Gross- Rebate)	275613816	140033852	0	0	170659960	117232955	161716864	0	330441748	27647222	78929441	151897617	312707147	56415518	0	506674458	1779946057	364785436	4789085121	
16.																					
17.																					
TOTAL PAYABLE for the month															NET PAYABLE (Rs)						
REBATEABLE Rs. 4789085121															NON-REBATEABLE Rs. 0						
Total Bill Rs. 4789085121															For & on behalf of NTPC Ltd.						

CUSTOMER: CSEB

Apr-22

[illegible]

M/s NTPC Ltd.

Sl. No.	Month	Amount Recommended	TDS @0.1%	Rebate	Net Amount	Due Date	Remarks
1	Feb-22	4,78,90,85,121.00	47,89,085.00	-	4,78,42,96,036.00	19.04.2022	Paid
2	Mar-22	4,66,47,59,001.00	46,64,759.00	-	4,66,00,94,242.00	21.05.2022	Unpaid

M/s NTPC SAIL

Sl. No.	Month	Amount Recommended	TDS @0.1%	Rebate	Net Amount	Due Date	Remarks
1	Feb-22	12,02,99,904.00	1,20,300.00	-	12,01,79,604.00	17.04.2022	Paid
2	Mar-22	13,26,99,614.00	1,32,700.00	-	13,25,66,914.00	19.05.2022	Unpaid


Manager (F&A)- II
CSPDCL, Raipur

CHHATTISGARH STATE POWER GENERATION COMPANY LIMITED

(A Govt. of C.G. Undertaking)

Office of the Executive Director (C&RA)

NO. 03-09/ Bills-15/ 237

29-Apr-2022

To,

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

E.D.(RA&PM) CSPDCL Raipur	
No.	705
Date	02-05-2022

Sub: Fuel Cost Adjustment calculation for the 6th 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. **28,17,03,628** /- for the 6th Bi-Monthly period of FY 2021-22 Feb-22 & Mar-22. As per CSERC order the above FCA amount shall be claimed in two installments w.e.f. **Jun-22**

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

Review
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 E.D. (Fin) CSPGCL, Raipur
- 4 The E.D. (Fuel Mgmt.) CSPGCL, Raipur
- 5 The C.E.(ETC) CSPDCL, Raipur. Kindly upload the same in Company web site (cspc.co.in/cspgcl) under the link Fuel Cost Adjustment-6th Bi Monthly of FY 2021-22(Febraury-2022 & March-2022)
- 6 The S.O. to M.D. CSPGCL, Raipur
- 7 The S.O. to M.D. CSPDCL, Raipur
- 8 The Dy GM (B&CM) CSPGCL, Raipur

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Fuel Cost Adjustment calculation for the 6th Bi-Monthly period of FY 2021-22.

All Figures in Rs.

Name of Plant	Feb-22	Mar-22	Total
HTPS	4,45,52,538	2,77,06,180	7,22,58,718
DSPM TPS	5,87,11,418	4,70,94,977	10,58,06,395
KW Extn	1,49,82,744	2,27,30,418	3,77,13,162
MTTPS	5,29,32,015	1,39,93,338	6,59,25,353
Total	17,01,78,715	11,15,24,913	28,17,03,628

RUPEES TWENTY EIGHT CRORES SEVENTEEN LAKHS THREE THOUSAND SIX HUNDRED TWENTY EIGHT 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
Jun-22	3,61,29,359	5,29,03,198	1,88,56,581	3,29,62,677	14,08,51,815
Jul-22	3,61,29,359	5,29,03,197	1,88,56,581	3,29,62,676	14,08,51,813
Total	7,22,58,718	10,58,06,395	3,77,13,162	6,59,25,353	28,17,03,628

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Fuel Cost Adjustment calculation for the 6th Bi-Monthly period of FY 2021-22.

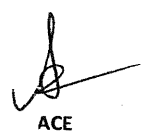
Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Korba (West) Thermal Power Station - HTPS

	Description	Unit	Considered in Tariff order	For Month of February-22	For Month of March-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.39834700	0.44236400	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.398347	0.442364	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.00079669	0.00088473	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.39755031	0.44147927	
g	Amount charged by the Coal / Lignite Company	(Rs.)		719742760.00	799273714.97	
h	Adjustment (-/-) in amount charged made by Coal/Lignite Company	(Rs.)				
i	Coal Sampling fees	(Rs.)		18140271.67		
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		737883031.67	799273714.97	
k	Rate of Coal for the period Charged by Coal Company $= (j / f * 10^6)$	Rs/MT		1856.07	1810.44	
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	1856.07	1810.44	
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	1,936.82	1,891.19	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,436.00	3,620	3,611	
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 = $((q - (rs)) / (p * 10 / 1000)) / (1 - t)$	Rs/ KWh		1.565	1.532	
v	ECR as considered in Tariff order	Rs/ KWh	1.452	1.452	1.452	
w	Change in ECR (u-v)	Rs/ KWh		0.113	0.080	
aa	Scheduled Generation during the Period	KWh		39,42,70,250	34,63,27,250	
ab	FCA Claim for the Period (wXaa)	Rs		4,45,52,538	2,77,06,180	7,22,58,718


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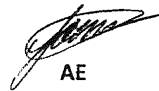
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Fuel Cost Adjustment calculation for the 6th Bi-Monthly period of FY 2021-22.

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 February-22	For Month of March-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		C.18706600	0.21788100	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.187066	0.217881	
d	Normative Transit & Handling Losses	%	C.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.00037413	0.00043576	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.18669187	0.21744524	
g	Amount charged by the Coal / Lignite Company	(Rs.)		33,79,95,263.55	39,36,72,532.81	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)				
i	Coal Sampling fees					
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		337995263.55	393672532.81	
k	Rate of Coal for the period Charged by Coal Company $= (j / (i * 10^6))$	Rs/MT		1810.44	1810.44	
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	1810.44	
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	1,891.19	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,401.00	3654	3597.00	
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 = $((q - (rs)) / (p) * (1000) / (1 - r))$	Rs/ KWh		1.295	1.315	
v	ECR as considered in Tariff order	Rs/ KWh	1.243	1.243	1.243	
w	Change in ECR (u-v)	Rs/ KWh		0.052	0.072	
aa	Scheduled Generation during the Period	KWh		28,81,29,688	31,57,00,250	
ab	FCA Claim for the Period (wXaa)	Rs		1,49,32,744	2,27,30,418	3,77,13,162



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FORMAT-I

Fuel Cost Adjustment calculation for the 6th Bi-Monthly period of FY 2021-22.

Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Dr. Syama Prasad Mukharjee Thermal Power Station - DSPM TPS

	Description	Unit	Considered in Tariff order	For Month of February-22	For Month of March-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.31560302	0.22833906	
b	Adjustment (+/-) in quantity supplied made by (Stock transfer from KTPS)	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.31560302	0.22833906	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.00063121	0.00045668	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.31497181	0.22788238	
g	Amount charged by the Coal / Lignite Company	(Rs.)		578913912.97	413418381.66	
h	Adjustment (+/-) in amount charged made by Including stock Transfer from KTPS) Coal/Lignite Company	(Rs.)				
i	Coal Sampling fees	(Rs.)		60,23,904.73		
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		58,49,37,817.70	41,34,18,381.66	
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10^6))	Rs/MT		1857.11	1814.17	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		1857.11	1814.17	
n	Transportation Cost Paid to railways	Rs		70844784	46462132	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		224.92	203.89	
p	Other Charges (per Ton) towards transportation	Rs/MT				
q	Total per ton Transportation Charges (o+p)			224.92	203.89	
r	Landed Price of Coal per MT ((+q)	Rs./MT	1,921.22	2082.03	2018.06	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,449.00	3311.46	3313.98	
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 = $\frac{((t-(uxv))/(s)*(r/100C)(1-w))}{(t-(uxv))/(s)*(r/100C)(1-w)}$	Rs/ KWh		1.724	1.670	
y	ECR as considered in Tariff order	Rs/ KWh	1.527	1.527	1.527	
z	Change in ECR (x-y)	Rs/ KWh		0.197	0.143	
aa	Scheduled Generation during the Period	Kwh		29,80,27,500	32,93,35,500	
ab	FCA Claim for the Period (zX aa)	Rs		5,87,11,418	4,70,94,977	10,58,06,395

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938

FORMAT-I

Fuel Cost Adjustment calculation for the 6th Bi-Monthly period of FY 2021-22.

Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Month	Unit	Considered in Tariff order	For Month of February-22	For Month of March-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.398242520	0.413972660	
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)		0.39824252	0.41397266	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.003185940	0.003311781	
f	Net coal / Lignite Supp ed (c-e)	(MMT)		0.395056580	0.410660879	
g	Amount charged by the Coal / Lignite Company	(Rs.)		424179953.090	448560752.320	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		0.000	0.000	
i	Coal Sampling Fes	(Rs.)		32615585.990	0.000	
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		456795539.08	448560752.32	
k	Rate of Coal for the period Charged by Coal Company $= (j / (f \times 10^6))$	Rs/MT		1156.28	1092.29	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		1156.28	1092.29	
n	Transportation Cost Paid to railways	Rs		145442582.00	149965919.00	
o	Transportation Charge rate paid to Railways $(n / (f \times 10^6))$	Rs/MT		368.16	365.18	
p	Road Charges (per Ton) towards transportation	Rs/MT		649.51	675.30	
q	Total per ton Transportation Charges (o+p)			1017.67	1040.48	
r	Landed Price of Coal per MT $((m+q))$	Rs./MT	1,990.87	2,173.95	2,132.77	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,631.00	3,654	3,820	
t	Normative SFR	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 $= ((t - uxv) / (s) * (1000) / (1 - w))$	Rs/ kWh		1.490	1.398	
y	ECR as considered in Tariff order	Rs/ kWh	1.373	1.373	1.373	
z	Change in ECR (x-y)	Rs/ kWh		0.117	0.025	
aa	Scheduled Generation during the Period	Kwh		44,38,63,375	55,97,33,500	
ab	FCA Claim for the Period (vXz)	Rs		5,19,32,015	1,39,93,338	6,59,25,353

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937

FORMAT-I

Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Atal Bihari Vajpayee Thermal Power Plant- AEVTPS - SECL

	Month	Unit	Considered in Tariff order	For Month of February-22	For Month of March-22	
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.000000000	0.000000000	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-			
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.000000000	0.000000000	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		-	-	
f	Net coal / Lignite Supplied (c-e)	(MMT)		-	-	
g	Amount charged by the Coal / Lignite Company	(Rs.)				
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)				
i	Coal Sampling Fees	(Rs.)				
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		0.00	0.00	
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10^6))	Rs/MT				
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (k+l)	Rs/MT				
n	Transportation Cost Paid to railways	Rs				
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT				
p	Road Charges (per Ton) towards transportation	Rs/MT				
q	Total per ton Transportation Charges (o+p)					
r	Landed Price of Coal per MT ((m+q)	Rs./MT				
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*-000))/(*-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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FORMAT-I

Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Atal Bihari Vajpayee Thermal Power Plant - ABVTPS - (GP-III)

	Month	Unit	Considered in Tariff order	For Month of February-22	For Month of March-22
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.398242520	0.413972660
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-		
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.39824252	0.41397266
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.00318594	0.00331178
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.39505658	0.41066088
g	Amount charged by the Coal / Lignite Company	(Rs.)		424179953.09	448560752.32
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.)		424179953.09	448560752.32
k	Rate of Coal for the period Charged by Coal Company $= (j / (f \times 10^6))$	Rs/MT		1073.72	1092.29
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		1073.72	1092.29
n	Transportation Cost Paid to railways	Rs		145442582.00	149965919.00
o	Transportation Charge rate paid to Railways $(n / (f \times 10^6))$	Rs/MT		368.16	365.18
p	Road Charges (per Ton) towards transportation	Rs/MT		649.51	675.30
q	Road Charges towards transportation - Robertson siding	Rs/MT		816.17	818.99
r	Coal supplied towards Robertson siding	MT		141554.43	184729.67
s	Road Charges towards transportation - Gharghoda siding	Rs/MT		557.6000	559.52
t	Coal supplied towards Gharghoda siding	MT		256688.09	229242.99
u	Total per ton Transportation Charges (o+p)			1017.67	1040.48
v	Landed Price of Coal per MT ((m+q)	Rs./MT		2,091.39	2,132.77
w	Average GCV of coal / Lignite as fired	(kCal./Kg)			
x	Normative SHR	Kcal/ KWh			
y	Normative Specific Oil Consumption	ml/ KWh			
z	GCV of Secondary Fuel (Oil)	Kcal/ml			
aa	Normative Auxiliary Consumption	%			
ab	ECR for the Period= $((t - (uxv)) / (s) * (r / 1000)) * (1 - w)$	Rs/ KWh			
ac	ECR as considered in Tariff order	Rs/ KWh			
ad	Change in ECR (x-y)	Rs/ KWh			
ae	Scheduled Generation during the Period	Kwh			
af	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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FORMAT-I

Details/Information for Computation of Energy Charge Rates for FCA for -- February ' 2022

the Company : Chhattisgarh State Power Generation Company Limited

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

Month	Unit	Considered in Tariff order	Feb-22
Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.39834700
Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0
Coal supplied by Coal/Lignite Company (a+b)	(MMT)	-	0.39834700
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 Company	(Rs.)	-	71,97,42,760.60
Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)	-	
Net amount Charged by Coal Company (g+h)	(Rs.)	-	71,97,42,760.60
Rate of Coal for the period Charged by Coal Company $= (i/(f*10^6))$	Rs/MT		
Rate of Bonus payable to Coal Company	Rs/MT		
Rate of coal payable to coal company (j+k)	Rs/MT		
Transportation Charge per Ton	Rs/MT		
Indexed Price of Coal per MT (l+m)	Rs./MT		
Average GCV of coal / Lignite as fired	(kCal/Kg)	3406	
Normative SHR	Kcal/ KWh	2650	
Normative Specific Oil Consumption	ml/ KWh	0.9	
Value of Secondary Fuel (Oil)	Kcal/ml	10	
Normative Auxiliary Consumption	%	9.70	
Rate for the Period $= (q*r)/(0)*(n/1000)/(1-s)$	Rs/ KWh		
Rate as considered in Tariff order	Rs/ KWh	1.502	
Change in ECR (t-u)	Rs/ KWh		
Generation during the Period	KWh		
Claim for the Period (vXw)	Rs		

Values to be filled in shaded cells only. Adjustment towards all other parameters shall be taken care of at time of True Up.

Other cells carry either computed values or fixed values.

For computed values formula have been indicated in the particulars column.

ECR to be worked cut to third digit decimal.


Executive Engineer
HTPS, CSPGL, Korba West

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FCR-MAT-I

Details/Information for Computation of Energy Charge Rates for FCA for -- February ' 2022

of the Company : Chhatisgarh State Power Generation Company Limited

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

Month	Unit	Considered in Tariff order	Feb-22
Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.18706600
Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0
Coal supplied by Coal/Lignite Company (a+b)	(MMT)	-	0.18706600
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 Company	(Rs.)	-	33,79,95,263.55
Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)	-	
Net amount Charged by Coal Company (g+h)	(Rs.)	-	33,79,95,263.55
Rate of Coal for the period Charged by Coal Company = (i)/(**10*6))	Rs/MT		
Rate of Bonus payable to Coal Company	Rs/MT		
Net Rate of coal payable to coal company (j+k)	Rs/MT		
Transportation Charge per Ton	Rs/MT		
Landed Price of Coal per MT (l+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	10	
Normative Auxiliary Consumption	%	5.25	
ECR for the Period = (p-(qxr))/(0)*(n/1000)/(1-s)	Rs/ KWh		
ECR as considered in Tariff order	Rs/ KWh	1.269	
Change in ECR (t-u)	Rs/ KWh		
Net Generation during the Period	KWh		
FCA Claim for the Period (vXw)	Rs		

NOTE---

Values to be filled in shaded cells only. Adjustment towards all other parameters shall be taken care of at the time of True Up.

Other cells carry either computed values or fixed values.

For computed values formula have been indicated in the particulars column.

ECR to be worked out to third digit decimal.

Executive Engineer
I-TPS, CSPGCL, Korba West