

**Computation of VCA Charges (5<sup>th</sup> bi-monthly period of FY 2021-22)**

**(A) CHFC: -**

Month	HTPS	DSPM TPS	Korba(W) Extn.	MTTPS	Total Amt. in Rs.
Dec-21	4,65,01,264	4,17,56,643	2,93,25,404	10,40,62,173	<b>22,16,45,484</b>
Jan-22	10,65,99,120	5,47,88,816	7,07,90,698	3,59,66,801	<b>26,81,45,435</b>
<b>Total in Rs.</b>	<b>15,31,00,384</b>	<b>9,65,45,459</b>	<b>10,01,16,102</b>	<b>14,00,28,974</b>	<b>48,97,90,919</b>

**(B) CHPP:**

- (i) Total units purchased from NTPC and NSPCL : 233,99,15,263 KWh
- (ii) Amount paid against units purchased : Rs. 888,99,23,389
- (iii) Rate per unit : Rs. 3.80 /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. 0.18/KWh
- (vi) CHPP (in Rs.) (i)x(v) : Rs. 42,11,84,747
- C. Gross VCA (A+B) in Rs : Rs. 91,09,75,666
- D. Total quantum of power purchased during the period : 589,87,89,703 Kwh
- E. Quantum of power purchased for sale to retail consumers of the State : 498,55,84,703 KWh
- F. Allowable VCA (in Rs.) [C\*(E/D)] : Rs. 76,99,45,459
- G. Normative transmission & distribution losses as specified in Tariff order : 16.36%
- H. Allowable VCA Charges (Rs./Kwh) (F/E\*(1-G)) : **Rs. 0.18 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. 0.18 per unit |
| 3  | DLF consumers above 200 units  | Rs. 0.18 per unit |
| 4. | Agriculture Consumers          | Rs. 0.18 per unit |
| 5. | Rest all categories            | Rs. 0.18 per unit |

**To be recovered from energy bill for the consumption in the months of March'2022 and April'2022 payable in the months of April'2022 and May'2022 respectively.**

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## Computation of CHPP

S.No.	Particulars		
1	Scheduled energy purchased from CGs during 5th bi-monthly period of FY 2021-22	Kwh	2,33,99,15,263
2	Amount paid against units purchased	Rs.	8,88,99,23,389
3	Average rate of power purchase	Rs./Kwh	3.80
4	Average rate of Power Purchase as per Tariff Order	Rs./Kwh	3.62
5	Difference in the average rate of PP	Rs./Kwh	0.18
6	CHPP(Change in the cost of power purchased from CGs)	Rs.	421184747

## Computation of VCA (5th Bi-monthly period of FY 2021-22)

S.No.	Particulars		
1	CHFC	Rs.	489790919
2	CHPP	Rs.	421,184,747
3	Gross VCA(sub total in Rs.)	CHFC+CHPP	Rs. 910975666
4	Allowable VCA(in Rs.)	Gross VCA (in Rs.) $\times$ $\frac{Q_{RS}}{Q_{PP}}$	Rs. 769945459
5	Allowable VCA(in Rs/Kwh)	Allowable VCA (in Rs.)/[Qrs*(1-L)]	Rs./Kwh 0.18

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## Computation of Qpp and Qrs (5th Bi-monthly of FY 2021-22)

S No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	$Q_1$	2723140751	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations(Bango)	$Q_2$	23602657	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations(Small Hydel Station of CSPGCL + CoGen Kawardha)	$Q_3$	3880529	KwH
4	Quantum of scheduled power purchased from CGs	$Q_4$	2956161799	KwH
5	PGCIL actual losses for the bi-monthly period	$L_1$	3.96%	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5=Q_4(1-L_1)$	2839097792	KwH
7	Quantum of actual power purchased from Renewable energy Sources	$Q_6$	238571084	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)	$Q_8$	2141000	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery (IEX)	$Q_9=Q_8(1-L_1)$	2056216	KwH
11	Quantum of power purchased from other Sources(if any)(Short term + Border Village+Un scheduled)	$Q_{10}$	68440674	KwH
12	Total Quantum of power purchased	$Q_{pp}=Q_1+Q_2+Q_3+Q_5+Q_6+Q_7+Q_9+Q_{10}$	5898789703	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)	$Q_{PT}$	913205000	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS}=Q_{pp}-Q_{PT}$	4985584703	KwH

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M/s NTPC Ltd.

Sl. No.	Month	Amount Recommended	TDS @0.1%	Rebate	Net Amount	Due Date	Remarks	Surcharge
1	Dec-21	4,23,08,88,535.00	42,30,889.00	3,00,31,718.00	4,19,66,49,355.00	19.02.2022	Paid	23,427.00
2	Jan-22	4,48,47,66,098.00	44,84,766.00	-	4,48,02,81,332.00	22.03.2022	Under Process	

M/s NTPC SAIL

Sl. No.	Month	Amount Recommended	TDS @0.1%	Rebate	Net Amount	Due Date	Remarks
1	Dec-21	10,09,11,353.00	1,00,911.00	-	10,08,10,442.00	19.02.2022	Paid
2	Jan-22	11,22,94,555.00	1,12,295.00	-	11,21,82,260.00	21.03.2022	Under Process



Manager (F&A)- II  
CSPDCL, Raipur

Sub: 22/01/2022/001/0  
Ref: 22/01/2022/001/0

**N T P C LIMITED**  
 WESTERN REGION HEADQUARTERS, MUMBAI- 400093  
**LC BILL RAISED IN THE MONTH JAN 2022**

JARS	CUSTOMER: CSEB															AMT(RS)			
	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS	JGPS	SIPAT-1	SIPAT-2	VSTPS5	MST-2	SLP	KSTPS 2	RSITPS		GSTPS	LARA	KHARGONE
129337250	50880517	0	0	61775735	19726512	9382624	G20 : 0 G20 : 0 APM : 0 N-APM : 0 Lg : 2000.4 RLNG : 906.7	G10 : 0 G20 : 0 APM : 0 N-APM : 0 Lg : 2000.4 RLNG : 906.7	137742607	89587179	21894667	10519946	42684952	13997062	0	32871164	495353763	19436208	0
13750	13500	16250	15650	15510	15300	36500	13890	14320	15730	36880	39950	25910	0	0	0	319800	183000	306500	0
83066776	60382700	0	0	76324241	56947365	67013958	0	0	195860321	113512859	38657943	43171217	158571420	19006035	0	121002705	778333212	58735387	1870606339
177838719	68688698	0	0	95814165	30181563	34246578	191324481	128283840	34440311	38797561	170526383	36266388	0	0	0	105121982	906497386	59571978	2077605033
3225156	3404122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14153466	4561322	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20881177	7572270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
298967294	144609112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6705122	1941003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59176	21134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5248287	1794883	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
310979859	148366132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
310979859	148366132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL PAYABLE for the month																			
NET PAYABLE (Rs.)																			
For & on behalf of NTPC Ltd.																			

REBATABLE	4230888535
NON-REBATABLE	0
Total Bill	4230888535





## 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 : 01.01.2022 - 31.01.2022

Bill Date : 03.02.2022

Bill No. 6300290

Beneficiary Name : Chhatisgarh State Power

GSTIN Of Beneficiary : 22AADCC6047K1ZR

Station Data		Beneficiary Data	
PAFM	76.8073 %	Energy Schd.	23,176,250.00 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	2.7380 Rs/kwh		
Base Values		Month Values	
AUX	9.000 %	CVSF	9.9550 Kcal/ml
GHR	2415.000 kCAL/kwh	LPPF	3.0746 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3087.162 kCal/Kg
		LPSFI	.0480 Rs/ml
ED / Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	316,419,988.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kvah
SAIL TEED	kwh	ED Rate on APC	0.641 Rs./kwh
		Energy Schd. for Benf.	23,176,250.00 kwh
		ED/Cess/Taxes Amt.	1,158,813.00 Rs.
		ED on APC Amt.	1,247,986.00 Rs.
Provisional Bill Period		Final Previous Period	
APC excl. Colony Cons.	26,581,072.00 kwh	Plant APC excl. Colony	24,193,830.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	1,946,936.33 kwh	Applicable APC for ED	1,603,786.85 kwh
Provisional Previous Period		Difference	
APC excl. Colony	24,193,830.00 kwh	Appl. APC ED (Curr. Bill)	1,946,936.33 kwh
Power factor	1.0000		
Appl. APC for ED	1,603,786.85 kwh		
Adjustment due to Revised ECR		Adjustment due to Revised REA	
ECR Prev. Period	2.7650 Rs./kwh	ECR-Rev Prev. Period	2.8680 Rs./kwh
ECR-Rev. Prev. Period	2.8680 Rs./kwh	Schd. Energy (last bill)	18,305,000.00 kwh
Difference	0.103 Rs./kwh	Schd. Energy ( REA )	18,305,000.00 kwh
Energy Schd Prev Period	18,305,000.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	1,885,415.00 Rs.	Adj. due to Rev. Energy	0.00 Rs.
Other Charges		Rebate & Surcharge Details	
WRLDC fees & charges amt.	14,090.00 Rs.	Cap. Charges Prev Period	Rs.
Uldc charges	0.00 Rs.	Energy Charges Prev Period	50,613,324.00 Rs.
Poc charges (BSP)	0.00 Rs.	Other Adj. Prev Period	Rs.
Tariff filling fee	0.00 Rs.	Total Applicable	50,613,324.00 Rs.
Miscellaneous charges	0.00 Rs.	Rebate	%
Total Other Charges billed	14,089.60 Rs.	Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	0.00 Rs.



## 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 : 01.12.2021 - 31.12.2021

Bill Date : 05.01.2022

Bill No. 6300289

Beneficiary Name : Chhatisgarh State Power

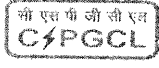
GSTIN Of Beneficiary : 22AADCC6047K1ZR

Station Data		Beneficiary Data	
PAFM	76.8073 %	Energy Schd.	18,305,000.00 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	2.7650 Rs/kwh		
Base Values		Month Values	
AUX	9.000 %	CVSF	9.9550 Kcal/ml
GHR	2415.000 kCAL/kwh	LPPF	3.2679 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3244.222 kCal/Kg
		LPSFI	.048011 Rs/ml
ED / Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	276,138,975.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kvah
SAIL TEED	kwh	ED Rate on APC	0.641 Rs./kwh
		Energy Schd. for Benf.	18,305,000.00 kwh
		ED/Cess/Taxes Amt.	915,250.00 Rs.
		ED on APC Amt.	1,028,027.00 Rs.
Provisional Bill Period		Final Previous Period	
APC excl. Colony Cons.	24,193,830.00 kwh	Plant APC excl. Colony	25,175,082.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	1,603,786.85 kwh	Applicable APC for ED	1,433,517.77 kwh
Provisional Previous Period		Difference	
APC excl. Colony	25,175,082.00 kwh	Appl. APC ED (Curr. Bill)	1,603,786.85 kwh
Power factor	1.0000		
Appl. APC for ED	1,433,517.77 kwh		
Adjustment due to Revised ECR		Adjustment due to Revised REA	
ECR Prev. Period	2.6440 Rs./kwh	ECR-Rev Prev. Period	2.6540 Rs./kwh
ECR-Rev. Prev. Period	2.6540 Rs./kwh	Schd. Energy (last bill)	16,849,462.00 kwh
Difference	0.010 Rs./kwh	Schd. Energy ( REA )	16,849,462.00 kwh
Energy Schd Prev Period	16,849,462.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	168,494.62 Rs.	Adj. due to Rev. Energy	0.00 Rs.
Other Charges		Rebate & Surcharge Details	
WRLDC fees & charges amt.	14,095.00 Rs.	Cap. Charges Prev Period	Rs.
Uldc charges	0.00 Rs.	Energy Charges Prev Period	44,549,978.53 Rs.
Poc charges (BSP)	0.00 Rs.	Other Adj. Prev Period	Rs.
Tariff filling fee	0.00 Rs.	Total Applicable	44,549,978.53 Rs.
Miscellaneous charges	0.00 Rs.	Rebate	%
Total Other Charges billed	14,095.20 Rs.	Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	97,712.00 Rs.



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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- 5/ 128

Raipur Dtd. 4-Mar-2022

To,

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

E. D. (RA&PM) CSPDCL Raipur	
7595	
Date	07-03-2022

**Sub: Fuel Cost Adjustment calculation for the 5th 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. **410,713,141** /- for the 5th Bi-Monthly period of FY 2021-22 Dec-21 & Jan-22. As per CSERC order the above FCA amount shall be claimed in two installments w.e.f. **Apr-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.

Chief Engineer (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.(EITC) CSPDCL, Raipur. Kindly upload the same in Company web site (cspc.co.in/cspgc) under the link Fuel Cost Adjustment-5th Bi Monthly of FY 2021-22(December-2021 & January-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 5th Bi-Monthly period of FY 2021-22.

All Figures in Rs.

Name of Plant	Dec-21	Jan-22	Total
HTPS	46,501,264	106,599,120	153,100,384
DSPM TPS	41,756,643	54,788,816	96,545,459
KW Extn	29,325,404	70,790,698	100,116,102
MTTPS	21,949,525	39,001,681	60,951,196
<b>Total</b>	<b>139,532,826</b>	<b>271,180,315</b>	<b>410,713,141</b>

RUPEES FORTY ONE CRORES SEVEN LAKHS THIRTEEN THOUSAND ONE HUNDRED FORTY ONE 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
Apr-22	76,550,192	48,272,730	50,058,051	30,475,598	205,356,571
May-22	76,550,192	48,272,729	50,058,051	30,475,598	205,356,570
<b>Total</b>	<b>153,100,384</b>	<b>96,545,459</b>	<b>100,116,102</b>	<b>60,951,196</b>	<b>410,713,141</b>

  
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SE

  
ACE


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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 December-21	For Month of January-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.40291300	0.40543300	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.402913	0.405433	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000805826	0.000810866	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.402107	0.404622134	
g	Amount charged by the Coal / Lignite Company	(Rs.)		727992717.19	732545912.60	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-8878799.60		
i	Coal Sampling fees	(Rs.)				
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		719113917.59	732545912.60	
k	Rate of Coal for the period Charged by Coal Company = (j/(f*10^6))	Rs/MT		1788.36	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	1788.36	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	1,869.11	1,891.19	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,406.00	3,506	3,173	
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		1.559	1.743	
v	ECR as considered in Tariff order	Rs/ KWh	1.452	1.452	1.452	
w	Change in ECR (u-v)	Rs/ KWh		0.107	0.291	
aa	Scheduled Generation during the Period	KWh		434,591,250	366,320,000	
ab	FCA Claim for the Period (wXaa)	Rs		46,501,264	106,599,120	153,100,384

  
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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 : Dr. Shyama Prasad Mukharjee Thermal Power Station - DSPM ( consolidated => SECL + GP III )

	Month	Unit	Considered in Tariff order	For Month of December-21	For Month of January-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.271561080	0.319036550	
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)		0.27156108	0.31903655	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000543122	0.000638073	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.271017958	0.318398477	
g	Amount charged by the Coal / Lignite Company	(Rs.)		404013631.870	587359917.850	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-6853509.880	-3285186.600	
i	Coal Sampling Fees	(Rs.)				
j	Net amount charged by Coal Company (g+h+i)	(Rs.)		397160121.99	584074731.25	
k	Rate of Coal for the period charged by Coal Company =j/(fX10^6)	Rs/MT		1465.44	1834.41	
l	Rate of ECR payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		1465.44	1834.41	
n	Transportation Cost Paid to railways	Rs		50852552.00	61215690.00	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		187.64	192.26	
p	Road Charges (per ton) towards transportation	Rs/MT		331.88	0.00	
q	Total per ton Transportation Charges (o+p)			519.52	192.26	
r	Landed Price of Coal per MT (m+q)	Rs./MT	1,921.22	1,984.96	2,026.67	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,449.00	3,281.79	3,267.18	
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	10	10	
w	Normative Auxiliary Consumption	%	9.00	9.00	9.00	
x	ECR for the Period = ((t-(uxv)/s)*(r/1000)/(1-w))	Rs/ KWh		1.658	1.701	
y	ECR as considered in Tariff order	Rs/ KWh	1.527	1.527	1.527	
z	Change in ECR (x-y)	Rs/ KWh		0.131	0.174	
aa	Scheduled Generation during the Period	Kwh		318,753,000	314,878,250	
ab	FCA Claim for the Period (vX z)	Rs		41,756,643	54,788,816	

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Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Dr. Snyama Prasad Mukharjee Thermal Power Station - DSPM - SECL

	Month	Unit	Considered in Tariff order	For Month of December-21	For Month of January-22
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.162607340	0.319036550
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-		
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.16260734	0.31903655
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000325215	0.000638073
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.162282125	0.318398477
g	Amount charged by the Coal / Lignite Company	(Rs.)		293463185.64	587359917.85
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-6,853,509.88	-3,285,186.60
i	Coal Sampling Fees	(Rs.)			
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		286609675.76	584074731.25
k	Rate of Coal for the period Charged by Coal Company = (j <sub>i</sub> /(iX10 <sup>6</sup> ))	Rs/MT		1766.12	1834.41
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		1766.12	1834.41
n	Transportation Cost Paid to railways	Rs		23492528.00	61215690.00
o	Transportation Charge rate paid to Railways (n/(iX10 <sup>6</sup> ))	Rs/MT		144.76	192.26
p	Road Charges (per Ton) towards transportation	Rs/MT			
q	Total per ton Transportation Charges (o+p)			144.76	192.26
r	Landed Price of Coal per MT (m+q)	Rs./MT		1,910.88	2,026.67
s	Average GCV of coal / Lignite as fired	(kCal/Kg)			
t	Normative SHP	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 = $\frac{((t-(uxv)/s) * (z/1000)) / (1-w)}$	Rs/ KWh			
y	ECR as considered in Tariff order	Rs/ KWh			
z	Change in ECF (x-y)	Rs/ KWh			
aa	Scheduled Generation during the Period	Kwh			
ab	FCA Claim for the Period (wX z)	Rs			

  
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Name of the Company : Chhattisgarh State Power Generation Company Limited  
 Name of the Power Station : Dr. Shyamra Prasad Mukharjee Thermal Power Station - DSPM - (GP-III)

	Month	Unit	Considered in Tariff order	For Month of December-21	For Month of January-22
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.108953740	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-		
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.10895374	0.00000000
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000217907	-
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.108735833	-
g	Amount charged by the Coal / Lignite Company	(Rs)		110550446.23	
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.)		110550446.23	0.00
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10^6))	Rs/MT		1016.69	#DIV/0!
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal payable to coal company (k-l)	Rs/MT		1016.69	#DIV/0!
n	Transportation Cost Paid to railways	Rs		27360024.00	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		251.62	#DIV/0!
p	Road Charges (per Ton) towards transportation	Rs/MT		827.2036	
q	Total per ton Transportation Charges (o+p)			1078.82	#DIV/0!
r	Landed Price of Coal per-MT ((m-q)	Rs./MT		2,095.51	#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 = $\frac{((t-(uxv))/s)*(r/1000)/(1-w)}$	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 (yXz)	Rs			

Note: As per CERC 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 charges as per work order allotted to "Gare palma III Collieries limited".

  
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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 : 1x500 MW KW&Extn

	Description	Unit	Considered in Tariff order	For Month of December-21	For Month of January-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.19845000	0.19969000	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.198450	0.199690	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000396900	0.000399380	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.198053	0.199290620	
g	Amount charged by the Coal / Lignite Company	(Rs.)		358,564,143.45	360,804,604.71	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-4373140.04		
i	Coal Sampling fees					
j	Net amount Charged by Coal Company (g+h+i)	( Rs.)		354191003.41	360804604.71	
k	Rate of Coal for the period Charged by Coal Company = (j/(f*10^6))	Rs/MT		1788.36	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	1788.36	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	1,869.11	1,891.19	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,401.00	3505	3181.00	
q	Normative SHP	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 (C I)	Kcal/ml	10	10	10	
t	Normative Auxiliary Consumption	%	5.25	5.25	5.25	
u	ECR for the Period= ((q-(rs))/(p)*(0.1000)/(1-t)	Rs/ KWh		1.334	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		0.091	0.244	
aa	Scheduled Generation during the Period	KWh		322,257,188	290,125,813	
ab	FCA Claim for the Period (wXaa)	Rs		29,325,404	70,790,698	100,116,102

  
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Details/Information for Computation of Energy Charge Rates

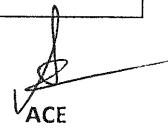
Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Month	Unit	Considered in Tariff order	For Month of December-21	For Month of January-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.293425990	0.408771710	
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)		0.29342599	0.40877171	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.002347408	0.003270174	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.291078582	0.405501536	
g	Amount charged by the Coal / Lignite Company	(Rs.)		319545893.140	408793449.270	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		0.000	0.000	
i	Coal Sampling Fes	( Rs )				
j	Net amount Charged by Coal Company (g+h+i)	( Rs )		319545893.14	408793449.27	
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10^6))	Rs/MT		1097.80	1008.12	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		1097.8	1008.12	
n	Transportation Cost Paid to railways	Rs		122181173.00	152086734.00	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		419.75	375.06	
p	Road Charges (per Ton) towards transportation	Rs/MT		597.1689	646.80	
q	Total per ton Transportation Charges (o+p)			1016.92	1021.86	
r	Landed Price of Coal per MT (m+q)	Rs./MT	1,990.87	2,114.72	2,029.98	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,631.00	3,634	3,466	
t	Normative S-R	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){(1/1000)}(1-w))	Rs/ KWh		1.457	1.467	
y	ECR as considered in Tariff order	Rs/ KWh	1.373	1.373	1.373	
z	Change in ECR (x-y)	Rs/ KWh		0.084	0.094	
aa	Scheduled Generation during the Period	Kwh		261,303,750	414,911,500	
ab	FCA Claim for the Period (vXz)	Rs		21,949,515	39,001,681	

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