

O/D F.D. (EITC)
 CS DCL Raipur
 Re. pt. No. 6789
 Date 15 MAR 2022
 AGM (IT)
 SE (OYSE) II
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 Section

CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LIMITED

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

CIN U40108CT2003SGC015822

OFFICE OF EXECUTIVE DIRECTOR (RA&PM), CSPDCL

Email ID: cecomcseb@rediff.com, website: www.cspdcl.co.in

Phone (0771) 2574441, Fax (0771) 2574442

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

2947

Raipur, Date 15-03-2022

To,

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

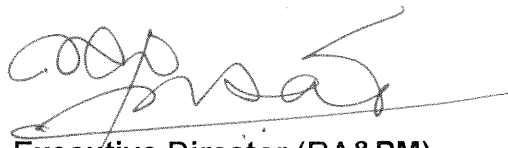
Sub: Computation of VCA charge in respect of Dec'2021 & Jan'2022 bi-monthly period – Levy to consumers as per clause 67.8 of MYT Regulations, 2015.

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 Dec'2021 & Jan'2022 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. 0.18 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

These VCA charges are recoverable from electricity consumers for the consumption in the months of March'2022 and April'2022 payable in the months of April'2022 and May'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 March'2022 and April'2022 payable in the months of April'2022 and May'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 Executive Director (O&M) CSPDCL, Raipur.
- 3) The Executive Director (BR)/(RJN-R)/(JR)/(RCR)/ (RGR-R) CSPDCL
Bilaspur/Rajnandgaon/Jagdapur/Raipur/Raigarh.
- 4) The Chief Engineer (Rev.)/(AR)/(DR)/(RRR) CSPDCL, Ambikapur/Durg.
- 5) The Superintending Engineer (O&M)/(City Circle)/(MT) CSPDCL Raipur I/II,
Mahasamund/Balodabazar/Durg/Bilaspur/Raigarh/Janjgir-Champa/Korba/
Jagdapur/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/
Jagdapur/Rajnandgoan/Champa.

Computation of VCA Charges (5th 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	22,16,45,484
Jan-22	10,65,99,120	5,47,88,816	7,07,90,698	3,59,66,801	26,81,45,435
Total in Rs.	15,31,00,384	9,65,45,459	10,01,16,102	14,00,28,974	48,97,90,919

(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. 421184747
3	Gross VCA(sub total in Rs.)	Rs. 910975666
4	Allowable VCA(in Rs.)	Rs. Gross VCA (in Rs.) \times Q_{Rs}/Q_{pp} 769945459
5	Allowable VCA(in Rs/Kwh)	Rs./Kwh Allowable VCA (in Rs.)/[Qrs*(1-L)] 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: 2210000010
Ref: 1000000000



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
		Difference	kwh
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	
WRLCD 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 - ALIX)	
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

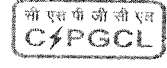
ED / Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	276,138,975.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kvah
SAIL TEED	kwh	ED Rate on APC	0.641 Rs./kwh
		Energy Schd. for Benf.	18,305,000.00 kwh
		ED/Cess/Taxes Amt.	915,250.00 Rs.
		ED on APC Amt.	1,028,027.00 Rs.

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)
4th Floor Vidyut Seva Bhawan
CSPDCL, Raipur


E.D. (RA&PM) CSPDCL, Raipur	
No.	7595
Date	07-03-2022

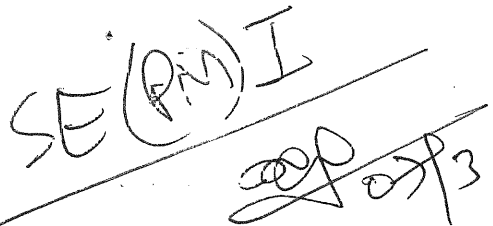
Sub: Fuel Cost Adjustment calculation for the 5th Bi-Monthly period of FY 2021-22.

- 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

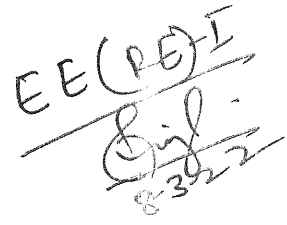
In compliance to the CSERC order referred above, please find enclosed FCA Calculation amounting to Rs. **410,713,141** /- for the 5th Bi-Monthly period of FY 2021-22 Dec-21 & Jan-22. As per CSERC order the above FCA amount shall be claimed in two installments w.e.f. **Apr-22**

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
Total	139,532,826	271,180,315	410,713,141

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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
Total	153,100,384	96,545,459	100,116,102	60,951,196	410,713,141


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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/100)*(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 (xXz)	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 _i /(iX10 ⁶))	Rs/MT		1766.12	1834.41
l	Rate of EonUs 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/(fX10 ⁶))	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 = ((t-(uxv)/s)*(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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Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : 500 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

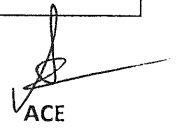
Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Mauga 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){(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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Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Marva Thermal Power Plant - ABVTPS - 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)	-	0.00000000	
b	Adjustment (+/- in quantity supplied made by Coal/Lignite Company	(MMT)	-		
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.00000000	0.00000000
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.)		0.00	
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		#DIV/0!	#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		#DIV/0!	#DIV/0!
n	Transportation Cost Paid to railways	Rs			
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		#DIV/0!	#DIV/0!
p	Road Charges (per Ton) towards transportation	Rs/MT			
q	Total per ton Transportation Charges (o+p)			#DIV/0!	#DIV/0!
r	Landed Price of Coal per MT (m+q)	Rs./MT		#DIV/0!	#DIV/0!
s	Average GCV of coal / Lignite as fired	(kCa/Kg)			
t	Normative S-HR	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)*(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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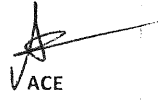
Name of the Company : Chhattisgarh State Power Generation Company Limited
 Name of the Power Station : Marwa Thermal Power Plant - ABVTPS - (GP-III)

	Month	Unit	Considered in Tariff order	For Month of December-21	For Month of January-22
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.293425990	0.40877171
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-		
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.)		319545893.14	408793449.27
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)			
i	Coal Sampling Fees				
j	Net amount Charged by Coal Company (g+h+)	(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 Costs 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	646.7997
p(i)	Road Charges towards transportation - Robertson siding	Rs/MT		827.2036	816.1700
p(ii)	Coal supplied towards Robertson siding	MT		37248.66	141015.1900
p(iii)	Road Charges towards transportation - Gharghoda siding	Rs/MT		563.7214	557.6000
p(iv)	Coal supplied towards Gharghoda siding	MT		256177.33	267756.5200
q	Total per ton Transportation Charges (o-p)			1016.92	1021.86
r	Landed Price of Coal per MT (m+q)	Rs./MT		2,114.72	2,029.98
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)*tr/1000)/(-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 -- December ' 2021


Company : Chhattisgarh State Power Generation Company Limited

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

	Month:	Unit	Considered in Tariff order	Dec-21
a	Quantity of Coa / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.40291300
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)	-	0.40291300
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.)	-	72,79,92,717.19
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)	-	(88,78,799.60)
i	Net amount Charged by Coal Company (g+h)	(Rs.)	-	71,91,13,917.59
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 coa payable to coal compray (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))/(o)*(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 shaded 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