

O/o E.D. (EITC)
 CSPDCL Raipur
 Receipt No. 6001
 Date 12 MAR 2021
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CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LIMITED

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

CIN U40108CT2003SGC015822

OFFICE OF CHIEF ENGINEER (RA&PM), CSPDCL

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

Phone (0771) 2574441, Fax (0771) 2574442

No.02-02/SE-IVCA/2874

Raipur, Date 12.03.2021

To,

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

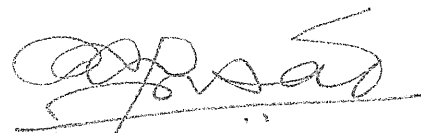
Sub: Computation of VCA charge in respect of Dec'2020 & Jan'2021 bi-monthly period – Levy to consumers as per clause 67.8 of MYT Regulations, 2015.

In compliance to the provisions contained at clause 67.0 of MYT Regulations 2015, VCA charge in respect of CHFC and CHPP towards bi-monthly period Dec'2020 & Jan'2021 is computed and shown in the table below:

Sr. No.	Category of consumers	Rate of VCA charge to be recovered
1	DLF consumers up to 100 units	Rs. 0.17 per unit
2	DLF consumers 101 to 200 units	Rs. 0.18 per unit
3	DLF consumers above 200 units	Rs. 0.24 per unit
4	Agriculture Consumers	Rs. 0.24 per unit
5	Rest all categories	Rs. 0.24 per unit

These VCA charges are recoverable from electricity consumers for the consumption in the months of March'2021 and April'2021 payable in the months of April'2021 and May'2021 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.


 Chief Engineer (RA&PM)
 CSPDCL: Raipur

CSG

Computation of VCA Charges (5th bi-monthly period of FY 20-21)

(A) CHFC: -

Month	KTPS	HTPS	DSPM TPS	Korba (W) Ex 1.	Total Amt. in Rs.
Dec-20	3,53,83,308	1,56,92,526	4,57,10,271	90,92,385	10,58,78,490
Jan-21	-	-50,01,749	3,15,52,234	-38,31,953	2,27,18,532
Total in Rs.	3,53,83,308	1,06,90,777	7,72,62,505	52,60,432	12,85,97,022

(B) CHPP:

- (i) Total units purchased from NTPC and NSPCL : 2,31,92,05,722 KWh
- (ii) Amount paid against units purchased : Rs. 8,80,88,75,655
- (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. 3.34/KWh
- (v) Diff. in rate (iii-iv) : Rs. 0.46/KWh
- (vi) CHPP (in Rs.) (i)x(v) : Rs. 1,06,68,34,632
- C. Gross VCA (A+B) in Rs : Rs. 19,54,31,654
- D. Total quantum of power purchased during the period : 599,12,1,346 Kwh
- E. Quantum of power purchased for sale to retail consumers of the State : 531,8,26,346 KWh
- F. Allowable VCA (in Rs.) [C*(E/D)] : Rs. 1,06,09,54,298
- G. Normative transmission & distribution losses as specified in Tariff order : 16.0 %
- H. Allowable VCA Charges (Rs./Kwh) (F/E*(1-G)) : Rs. 0.24 per KWh

VCA Charge to be recoverable from monthly energy bills of various categories of consumers:

- 1 DLF consumers up to 100 units Rs. 0.17 per unit
- 2 DLF consumers 101 to 200 units Rs. 0.18 per unit
- 3 DLF consumers above 200 units Rs. 0.24 per unit
- 4. Agriculture Consumers Rs. 0.24 per unit
- 5. Rest all categories Rs. 0.24 per unit

To be recovered from energy bill for the consumption in the months of March'2021 and April'2021 payable in the months of April'2021 and May'2021 respectively.

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Computation of CHPP

S.No.	Particulars		
1	Scheduled energy purchased from CGs during 5th bi-monthly period of FY 2020-21	Kwh	2,31,92,05,722
2	Amount paid against units purchased	Rs.	8,80,88,75,655
3	Average rate of power purchase	Rs./Kwh	3.80
4	Average rate of Power Purchase as per Tariff Order	Rs./Kwh	3.34
5	Difference in the average rate of PP	Rs./Kwh	0.46
6	CHPP(Change in the cost of power purchased from CGs)	Rs.	1066834632

Computation of VCA (5th Bi-monthly period of FY 2020-21)

S.No.	Particulars		
1	CHFC		
2	CHPP	Rs.	128597022
3	Gross VCA(sub total in Rs.)	Rs.	1066834632
4	Allowable VCA(in Rs.)	CHFC+CHPP	Rs. 1195431654
		Gross VCA (in Rs.) \times Q_{RS}/Q_{PP}	Rs. 1060954298
5	Allowable VCA(in Rs/Kwh)	Allowable VCA (in Rs.)/[Qrs*(1-L)]	Rs./Kwh 0.24

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Computation of Qpp and Qrs (5th Bi-monthly of FY 2020-21)

S No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	Q_1	2707936280 ✓	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations(Bango)	Q_2	30334652 ✓	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations(Small Hydle Station of CSPGCL + CoGen Kawardha)	Q_3	5464075 ✓	KwH
4	Quantum of scheduled power purchased from CGs at state periphery (CSPTrdCL+NTPC+NSPCL+NPCIL+OHPCL+NHPCL+Bundle Power+SECI+NEEPCO)	Q_4	2910838298 ✓	KwH
5	PGCIL actual losses for the bi-monthly period	L1	2.42%	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5=Q_4(1-L1)$	2840396011 ✓	KwH
7	Quantum of actual power purchased from Renewable energy Sources	Q_6	226231215 ✓	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	128491000 ✓	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery (IEX)	$Q_9=Q_8(1-L1)$	125381518 ✓	KwH
11	Quantum of power purchased from other Sources(if any)(Short term + Border Village+Un schduled)	Q_{10}	58377595 ✓	KwH
12	Total Quantum of power purchased	$Q_{PP}=Q_1+Q_2+Q_3+Q_5+Q_6+Q_7+Q_9+Q_{10}$	5994121346 ✓	KwH
13	Normative transmission and distribution losses as specified in the Tariff order	L	16.08%	
14	Quantum of power scheduled for interstate sale(Sale through IEX+Sale to Telangana)	Q_{PT}	674295000 ✓	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS}=Q_{PP}-Q_{PT}$	5319826346 ✓	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 : 01.01.2021 - 31.01.2021

Bill Date : 05.02.2021

Bill No. 6300243

Beneficiary Name : Chhatisgarh State Power

GSTIN Of Beneficiary : 22AADCC6047K1ZR

Station Data		Beneficiary Data	
PAFM	%	Energy Schd.	28,135,838.00 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	2.5310 Rs/kwh		

Base Values		Month Values	
AUX	9.000 %	CVSF	10.0110 Kcal/ml
GHR	2415.000 kCAL/kwh	LPPF	2.9374 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3182.240 kCal/Kg
		LPSFI	035916 Rs/ml

ED / Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	323,266,039.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kvah
SAIL TEED	kwh	ED Rate on APC	0.607 Rs./kwh
		Energy Schd. for Benf.	28,135,838.00 kwh
		ED/Cess/Taxes Amt.	1,406,792.00 Rs.
		ED on APC Amt.	1,467,897.00 Rs.

Provisional Bill Period		Final Previous Period	
APC excl. Colony Cons.	27,784,799.00 kwh	Plant APC excl. Colony	26,754,953.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	2,418,282.50 kwh	Applicable APC for ED	2,248,076.79 kwh
		Difference	kwh
APC excl. Colony	26,754,953.00 kwh	Appl. APC ED (Curr. Bill)	2,418,282.50 kwh
Power factor	1.0000		
Appl. APC for ED	2,248,076.79 kwh		

Adjustment due to Revised ECR		Adjustment due to Revised REA	
ECR Prev. Period	2.5860 Rs./kwh	ECR-Rev Prev. Period	2.5670 Rs./kwh
ECR-Rev. Prev. Period	2.5670 Rs./kwh	Schd. Energy (last bill)	27,766,531.00 kwh
Difference	0.019- Rs./kwh	Schd. Energy (REA)	27,766,531.00 kwh
Energy Schd Prev Period	27,766,531.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	527,564.09- Rs.	Adj. due to Rev. Energy	0.00 Rs.

Other Charges		Rebate & Surcharge Details	
WRLDC fees & charges amt.	10,904.00 Rs.	Cap. Charges Prev Period	Rs.
Uldc charges	0.00 Rs.	Energy Charges Prev Period	71,804,248.17 Rs.
Poc charges (BSP)	0.00 Rs.	Other Adj. Prev Period	Rs.
Tariff filling fee	0.00 Rs.	Total Applicable	71,804,248.17 Rs.
Miscellaneous charges	0.00 Rs.	Rebate	%
Total Other Charges billed	10,904.00 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, 26172273/ Fax: 011-, 26717364, 26717365, 26717366, 26717381
Registered Corporate Office: 4th Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi-110066



एनटीपीसी-सेल पावर कंपनी लिमिटेड

(एनटीपीसी और सेल का संयुक्त उपक्रम)

NTPC-SAIL Power Company Limited

(A joint venture of NTPC & SAIL)

CIN : U74899DL1999PLC098274, GSTIN : 22AABCN5467A1ZX, HSN : 27160000

Energy Bill : 01.12.2020 - 31.12.2020

Bill Date : 06.01.2021

Bill No. 6300239

Beneficiary Name : Chhatisgarh State Power

GSTIN Of Beneficiary : 22AADCC6047K1ZR

Station Data		Beneficiary Data	
PAFM	%	Energy Schd.	27,766,531.00 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	2.5860 Rs/kwh		

Base Values		Month Values	
AUX	9.000 %	CVSF	9.9880 Kcal/ml
GHR	2415.000 kCAL/kwh	LPPF	2.9578 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3137.920 kCal/Kg
		LPSFI	.036790 Rs/ml

ED / Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	330,456,787.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kvah
SAIL TEED	kwh	ED Rate on APC	0.607 Rs./kwh
		Energy Schd. for Benf.	27,766,531.00 kwh
		ED/Cess/Taxes Amt.	1,388,327.00 Rs.
		ED on APC Amt.	1,364,583.00 Rs.

Provisional Bill Period		Final Previous Period	
APC excl. Colony Cons.	26,754,953.00 kwh	Plant APC excl. Colony	25,674,603.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	2,248,076.79 kwh	Applicable APC for ED	1,701,660.10 kwh
		Difference	kwh
		Appl. APC ED (Curr. Bill)	2,248,076.79 kwh

Adjustment due to Revised ECR		Adjustment due to Revised REA	
ECR Prev. Period	2.6160 Rs./kwh	ECR-Rev Prev. Period	2.5940 Rs./kwh
ECR-Rev. Prev. Period	2.5940 Rs./kwh	Schd. Energy (last bill)	20,293,125.00 kwh
Difference	0.022- Rs./kwh	Schd. Energy (REA)	20,293,125.00 kwh
Energy Schd Prev Period	20,293,125.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	446,448.75- Rs.	Adj. due to Rev. Energy	0.00 Rs.

Other Charges		Rebate & Surcharge Details	
WRLDC fees & charges amt.	10,937.00 Rs.	Cap. Charges Prev Period	Rs.
Uldc charges	0.00 Rs.	Energy Charges Prev Period	53,086,814.00 Rs.
Poc charges (BSP)	0.00 Rs.	Other Adj. Prev Period	Rs.
Tariff filling fee	0.00 Rs.	Total Applicable	53,086,814.00 Rs.
Miscellaneous charges	2,200,153.00- Rs.	Rebate	%
Total Other Charges billed	2,189,216.00- Rs.	Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	0.00 Rs.

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

दूरभाष / Tel: 011-26717378-79-80-82, 26172273/ Fax: 011-, 26717364, 26717365, 26717366, 26717381
Registered Corporate Office: 4th Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi-110066

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

FAX to: Mr.Arvind Patle, DGM(Comm)
0771 - 2259160

REF: REA/2020/12.0
 Bill No. WR-20-21 :CSPDCL

DATED: 5-Jan-21
 DATED: 6-Jan-21

CUSTOMER: CSEB

Sl.No.	PARTICULARS	KSTPS	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS	JGPS	SIPAT-1	SIPAT-2	VSTPS5	MST-2	SLP	KhSTPS 2	Gadarwara	Lara	Khargone	AMT(Rs)
	Energy scheduled(KWH)	106806504	49194310			69339671	40906900	30971064			217556506	64435812	25969351	22919079	49169215	12033784	25792003	372936641	63255268	
	Energy Charges(Ps/KWH)	143.60	140.80			161.30	159.20	270.40			135.20	139.30	164.50	291.50	290.80	221.40	254.00	214.60	267.20	
01.	Capacity Charges	82883169	60506766	0	0	63981599	57050426	69263825	0	0	237872049	114087485	38749340	75344846	160335902	15300574	90368239	780551110	135178572	1981473904
02.a.	Energy Charges	153374140	69265588	0	0	111844889	65123785	83745757	0	0	294136396	89759086	42719582	66809115	142984077	26642798	65511688	800322032	169018076	2181257009
02.b.	MOPA Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03.	Incentive	(8492930)	2464449	0	0	3766946	2038061	0	0	0	16682259	(15569599)	48886	0	0	0	1960159	35718354	2600188	89402376
04.a.	ED&Cess on APC	12144104	4558178	0	0	4052414	2547496	0	0	0	16451787	7400892	1968804	0	0	0	0	61178485	0	125221131
04.b.	ED&Cess on Sales	18226666	7332534	0	0	0	0	0	0	0	26506151	11977295	0	0	0	0	0	157840086	1677769981	306796836
	Total (Main Bills) Rs.	258135149	144127515	0	0	183645848	126759768	153009582	0	0	591648642	207655159	83486612	142153961	303319979	41943372	157840086	1677769981	306796836	620306
05.	REA Rvsn - Oct/Nov-2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06.	Compensation - CERC order 05.05.17							4851945						612066	3288532	(1084299)	(59258)		2218181	9827168
07.	RLDC Chgs-November 2020	45112	16402	0	0	22900	13647	13546	0	0	68269	34457	8770	18485	34513	16917	16981	156935	27341	494275
08.	ECR Rvsn VS /SP /GS /LR/ KN/ MS			0	0	219668	83460	3693660			(4031140)	(3400265)	83069	782108			3457458	6440797	1615860	8944675
09.																				(1991950)
10.	Px Sharing																			
11.																				
12.																				
13.		0																		
14.																				
15.	LC Bill (Gross) Rs.	258180261	144143917	0	0	183888416	126856875	161568733	0	0	587685771	204289351	83578451	143566621	306643024	41496297	161255267	1684367713	310658218	4396186966
16.																				
17.	Net LC Bill (Gross-Rebate)	258180261	144143917	0	0	183888416	126856875	161568733	0	0	587685771	204289351	83578451	143566621	306643024	41496297	161255267	1684367713	310658218	4396186966
																		TOTAL PAYABLE for the month		4396186966
																		REBATABLE Rs.		4396186966
																		TCS @ 0.075% (NON-REBATABLE)Rs.		3297140
																		Total Bill Rs.		4399484106
																		NET PAYABLE (Rs.)		4399484106

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CHHATTISGARH STATE POWER GENERATION COMPANY LIMITED

(A Govt. of C.G. Undertaking)

Office of the Chief Engineer (C&RA)

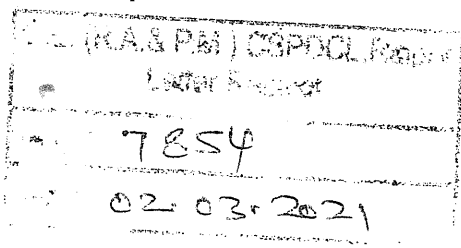
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Raipur Dtd.

27-Feb-2021

To,

The Chief Engineer (RA&PM)
4th Floor Vidyut Seva Bhawan
CSPDCL, Raipur



Sub: Fuel Cost Adjustment calculation for the 5th Bi-Monthly period of FY 2020-21.

- Ref:**
- 1) CSERC MYT Regulations 2015.
 - 2) CSERC tariff order dtd. 30/05/2020
 - 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. **272,048,231** /- for the 5th Bi-Monthly period of FY 2020-21 (Dec-20 & Jan-21). As per CSERC order the above FCA amount shall be claimed in two installments w.e.f. **Apr-21**

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

[Signature]
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 C.E. (O&M:Gen) CSPGCL, Raipur
- 3 The G.M. (Fin) CSPGCL, Raipur
- 4 The C.E. (Fuel Mgmt.) CSPGCL, Raipur
- 5 The C.E.(EITC) CSPDCL, Raipur. Kindly upload the same in Company web site (cspc.co.in/cspgcl) under the link Fuel Cost Adjustment-5th Bi Monthly of FY 2020-21 (Dec-2020 & Jan 2021)
- 6 The S.O. to M.D. CSPGCL, Raipur
- 7 The S.O. to M.D. CSPDCL, Raipur
- 8 The Manager (B&CM) CSPGCL, Raipur

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Fuel Cost Adjustment calculation for the 5th Bi-Monthly period of FY 2020-21.

All Figures in Rs.

Name of Plant	Dec-20	Jan-21	Total
KTPS	35383308		35,383,308
HTPS	15692526	-5,001,749	10,690,777
DSPM TPS	45710271	31,552,234	77,262,505
KW Extn	9092385	-3,831,953	5,260,432
MTTPS	95347978	48,103,231	143,451,209
Total	201,226,468	70,821,763	272,048,231

RUPEES TWENTY SEVEN CRORES TWENTY LAKHS FORTY EIGHT THOUSAND TWO HUNDRED THIRTY ONE ONLY

As per CSERC order the above amount of FCA shall be claimed as mentioned below:-

All Figures in Rs.

Month	KTPS	HTPS	DSPM TPS	KW Extn	MTTPS	Total
Apr-21	17,691,654	5,345,389	38,631,253	2,630,216	71,725,605	136,024,117
May-21	17,691,654	5,345,388	38,631,252	2,630,216	71,725,604	136,024,114
Total	35,383,308	10,690,777	77,262,505	5,260,432	143,451,209	272,048,231


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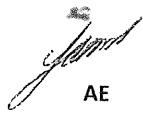
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Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Korba (East) Thermal Power Station - KTPS

	Description	Unit	Considered in Tariff order	For Month of Dec-20	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.040137050	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)			
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.040137050	
d	Normative Transit & Handling Losses	%	1.15%	1.15%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000461576	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.039675474	
g	Amount charged by the Coal / Lignite Company	(Rs.)		67,737,135.15	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		4,350,831.97	
i	Coal Sampling Fees	(Rs.)			
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		72,087,967.12	
k	Rate of Coal for the period Charged by Coal Company = $(j/(i*10^6))$	Rs/MT		1816.94	
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		1816.94	
n	Transportation Charge per Ton	Rs/MT	177.98	177.98	
o	Landed Price of Coal per MT (m+n)	Rs./MT	1,641.03	1994.92	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,080.85	2,894	
q	Normative SHR	Kcal/ KWh	3,110	3,110	
r	Normative Specific Oil Consumption	ml/ KWh	2.00	2.00	
s	GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	
t	Normative Auxiliary Consumption	%	11.25	11.25	
u	ECR for the Period= $((q-(rs))/(o)*(o/1000))/(1-t)$	Rs/ KWh		2.400	
v	ECR as considered in Tariff order	Rs/ KWh	1.855	1.855	
w	Change in ECR (u-v)	Rs/ KWh		0.545	
aa	Scheduled Generation during the Period	KWh		64,923,500	
ab	FCA Claim for the Period (u*aa)	Rs		35,383,308	35,383,308


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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 Dec-20	For Month of Jan-21	Total for period
a Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.414112	0.379315	
b Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.414112	0.379315	
d Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e Normative Transit & Handling Losses (cXd)	(MMT)		0.000828224	0.000758630	
f Net coal / Lignite Supplied (c-e)	(MMT)		0.413284	0.378556370	
g Amount charged by the Coal / Lignite Company	(Rs.)		743879625.74	681372737.96	
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.)		743879625.74	681372737.96	
k Rate of Coal for the period Charged by Coal Company = (j/(f*10^6))	Rs/MT		1799.92	1799.92	
l Rate of Bonus payable to Coal Company	Rs/MT				
m Net Rate of coal payable to coal compnay (k+l)	Rs/MT	1,609.77	1799.92	1799.92	
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	1,880.67	1,880.67	
p Average GCV of coal / Lignite as fired	(kCal/Kg)	3,406.33	3,699	3,826	
q Normative SHR	Kcal/ KWh	2,650.00	2,650	2,650	
r Normative Specific Oil Consumption	ml/ KWh	0.80	0.80	0.80	
s GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
t Normative Auxiliary Consumption	%	9.70	9.70	9.70	
u ECR for the Period= $(q-(rs))/(p)*(o/1000)/(1-t)$	Rs/ KWh		1.488	1.438	
v ECR as considered in Tariff order	Rs/ KWh	1.452	1.452	1.452	
w Change in ECR (u-v)	Rs/ KWh		0.036	-0.014	
x Scheduled Generation during the Period	KWh		435,903,500	357,267,750	
y FCA Claim for the Period (wXaa)	Rs		15,692,526	-5,001,749	10,690,777

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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 Dec-20	For Month of Jan-21	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.203966	0.18682700	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.203966	0.186827	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000407932	0.000373654	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.203558	0.186453346	
g	Amount charged by the Coal / Lignite Company	(Rs.)		366,388,472.34	335,601,497.66	
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.)		366388472.34	335601497.66	
k	Rate of Coal for the period Charged by Coal Company = (j/(f*10^6))	Rs/MT		1799.92	1799.92	
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	1799.92	1799.92	
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	1,880.67	1,880.67	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,400.59	3704.00	3822.00	
q	Normative SHR	Kcal/ KWh	2,375	2,375	2,375	
r	Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
s	GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
t	Normative Auxiliary Consumption	%	5.25	5.25	5.25	
u	ECR for the Period= (((q-(rs))/(p)*(o/1000))/(1-t)	Rs/ KWh		1.270	1.231	
v	ECR as considered in Tariff order	Rs/ KWh	1.243	1.243	1.243	
w	Change in ECR (u-v)	Rs/ KWh		0.027	-0.012	
aa	Scheduled Generation during the Period	KWh		336,755,010	319,329,380	
ab	FCA Claim for the Period (wXaa)	Rs		9,092,385	-3,831,953	5,260,432

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Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Description	Unit	Considered in Tariff order	For Month of Dec-20	For Month of Jan-21	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite	(MMT)		0.22079600	0.09630868	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.22079600	0.09630868	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000441592	0.000192617	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.220354408	0.096116063	
g	Amount charged by the Coal / Lignite Company	(Rs.)		403185341.56	177680494.10	
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.)		403,185,341.56	177,680,494.10	
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10^6))	Rs/MT		1829.71	1848.60	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		1829.71	1848.6	
n	Transportation Cost Paid to railways	Rs		77624016	25377919.00	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		352.27	264.03	
p	Other Charges (per Ton) towards transportation	Rs/MT				
q	Total per ton Transportation Charges (o+p)			352.27	264.03	
r	Landed Price of Coal per MT ((l+q)	Rs./MT	1,921.22	2181.98	2112.63	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,449.20	3286.53	3322.22	
t	Normative SHR	Kcal/ KWh	2,500	2,500	2,500	
u	Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
v	GCV of Secondary Fuel (Oil)	Kcal/ml	10.00	10.00	10.00	
w	Normative Auxiliary Consumption	%	9.00	9.00	9.00	
x	ECR for the Period= ((t-(uxv))/(s)*(r/1000))/(1-w)	Rs/ KWh		1.820	1.744	
y	ECR as considered in Tariff order	Rs/ KWh	1.527	1.527	1.527	
z	Change in ECR (x-y)	Rs/ KWh		0.293	0.217	
aa	Scheduled Generation during the Period	Kwh		156,007,750	145,402,000	
ab	FCA Claim for the Period (zX aa)	Rs		45,710,271	31,552,234	77,262,505

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Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Marwa Thermal Power Plant - ABVTPS

	Month	Unit	Considered in Tariff order	For Month of Dec-20	For Month of Jan-21	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.391681960	0.342673400	
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)		0.39168196	0.34267340	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.003133456	0.002741387	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.388548504	0.339932013	
g	Amount charged by the Coal / Lignite Company	(Rs.)		549267208.053	535633722.064	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		0.000	-10944128.740	
i	Coal Sampling Fes	(Rs.)				
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		549267208.05	524689593.32	
k	Rate of Coal for the period Charged by Coal Company = $(j/(f \times 10^6))$	Rs/MT		1413.64	1543.51	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		1413.64	1543.51	
n	Transportation Cost Paid to railways	Rs		115665900.00	91342445.00	
o	Transportation Charge rate paid to Railways $(n/(f \times 10^6))$	Rs/MT		297.69	268.71	
p	Road Charges (per Ton) towards transportation	Rs/MT		433.68	251.88	
q	Total per ton Transportation Charges (o+p)			731.37	520.59	
r	Landed Price of Coal per MT $((m+q)$	Rs./MT	1,535	2,145.01	2,064.10	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,280.29	3,402	3,481	
t	Normative SHR	Kcal/ KWh	2,378	2,378	2,378	
u	Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
v	GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
w	Normative Auxiliary Consumption	%	5.25	5.25	5.25	
x	ECR for the Period= $((t-(uxv))/(s)*(r/1000)/(1-w)$	Rs/ KWh		1.579	1.485	
y	ECR as considered in Tariff order	Rs/ KWh	1.373	1.373	1.373	
z	Change in ECR (x-y)	Rs/ KWh		0.206	0.112	
aa	Scheduled Generation during the Period	Kwh		462,854,260	429,493,130	
ab	Net FCA payable			95,347,978	48,103,231	143,451,20

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

	Month	Unit	Considered in Tariff order	For Month of Dec-20	For Month of Jan-21
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.152981310	0.221386710
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-		
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.15298131	0.22138671
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.001223850	0.001771094
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.151757460	0.219615616
g	Amount charged by the Coal / Lignite Company	(Rs.)		276151655.91	432451496.28
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)			-10,944,128.74
i	Coal Sampling Fes	(Rs.)			
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		276151655.91	421507367.54
k	Rate of Coal for the period Charged by Coal Company = (j)/(fX10^6)	Rs/MT		1819.69	1919.30
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		1819.69	1919.3
n	Transportation Cost Paid to railways	Rs		56555880.00	60974645.00
o	Transportation Charge rate paid to Railways (n)/(fX10^6)	Rs/MT		372.67	277.64
p	Road Charges (per Ton) towards transportation	Rs/MT			
q	Total per ton Transportation Charges (o+p)			372.67	277.64
r	Landed Price of Coal per MT ((m+q)	Rs./MT	1,535	2,192.36	2,196.94
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,280.29		
t	Normative SHR	Kcal/ KWh	2,378		
u	Normative Specific Oil Consumption	ml/ KWh	0.50		
v	GCV of Secondary Fuel (Oil)	Kcal/ml	10		
w	Normative Auxiliary Consumption	%	5.25		
x	ECR for the Period= (((t-(uxv))/(s)*(r/1000))/(1-w)	Rs/ KWh			
y	ECR as considered in Tariff order	Rs/ KWh	1.373		
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 Dec-20	For Month of Jan-21
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.238700650	0.12128669
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)			
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.23870065	0.12128669
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.001909605	0.000970294
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.236791045	0.120316396
g	Amount charged by the Coal / Lignite Company	(Rs.)		273115552.143	103182225.784
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.)		273115552.14	103182225.78
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10^6))	Rs/MT		1153.40	857.59
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		1153.4	857.59
n	Transportation Cost Paid to railways	Rs		59110020.00	30367800.00
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		249.63	252.40
p	Road Charges (per Ton) towards transportation	Rs/MT		711.63	711.63
q	Total per ton Transportation Charges (o+p)			961.26	964.03
r	Landed Price of Coal per MT ((m+q)	Rs./MT	1,535	2,114.66	1,821.62
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,280.29		
t	Normative SHR	Kcal/ KWh	2,378		
u	Normative Specific Oil Consumption	ml/ KWh	0.50		
v	GCV of Secondary Fuel (Oil)	Kcal/ml	10		
w	Normative Auxiliary Consumption	%	5.25		
x	ECR for the Period= ((t-(uxv))/(s)*(r/1000))/(1-w)	Rs/ KWh			
y	ECR as considered in Tariff order	Rs/ KWh	1.373		
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 W Collieries limited".


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