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### Computation of VCA Charges (5<sup>th</sup> 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
<b>Total in Rs.</b>	<b>3,53,83,308</b>	<b>1,06,90,777</b>	<b>7,72,62,505</b>	<b>52,60,432</b>	<b>12,85,97,022</b>

#### (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. 16,09,54,298
- G. Normative transmission & distribution losses as specified in Tariff order : 16.00 %
- 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.

*Baello*

## 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	Rs.	128597022
2	CHPP	Rs.	1066834632
3	Gross VCA(sub total in Rs.)	Rs.	1195431654
4	Allowable VCA(in Rs.)	CHFCA+CHPP	1060954298
5	Allowable VCA(in Rs/Kwh)	Gross VCA (in Rs.) $\times$ Q <sub>Rs</sub> /Q <sub>pp</sub> Allowable VCA (in Rs.)/[Q <sub>Rs</sub> *(1-L)]	Rs./Kwh 0.24

*B. S. Reddy*  
AE

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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

*Baell*  
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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 Sched.	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./kwh
SAIL TEED	kwh	ED Rate on APC	0.607 Rs./kwh
		Energy Sched. 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 Sched 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: 4<sup>th</sup> 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: 4<sup>th</sup> Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi-110066

**N T P C LIMITED**  
WESTERN REGION HEADQUARTERS, MUMBAI-400093

LC BILL RAISED IN THE MONTH OF FEBRUARY 2021

DATE: 4-Feb-21

DATE: 5-Feb-21

DATE: 4-Feb-21

DATE: 5-Feb-21

CUSTOMER : CSEB

Sl.No.	PARTICULARS	KSTPS	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS G1:0 G2:0 L:0 N-APM: 161.2 Lq:	JGPS G1:0 G2:0 RLNG: 552.3 N:147.70	SIPAT-1	SIPAT-2	VSTPS5	MST-2	SLP	KHSTPS 2	Gadarwara	Lara	Kharigone	Total
01.	Capacity Charges	83083398	60382785	0	0	63889510	57068614	69136663	0	0	237417283	113801541	36681033	75164009	160122674	15775054	90314434	620151319	137083940	482207035
02.a.	Energy Charges	199351732	73103178	0	0	127928712	49706389	90056966	0	0	322375662	147893807	46327411	97904345	183545053	28750791	112669179	428518761	178990131	208712211
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	8564645	4088954	0	0	4893995	(4757563)	0	0	0	17233605	1816189	1294236	0	0	0	0	0	0	3313407
04.a.	ED&Cess on APC	10554857	4556331	0	0	4503819	2671574	0	0	0	20136000	5975726	1972379	0	0	0	1697704	32540607	3936511	8854550
04.b.	ED&Cess on Sales	16020976	7379147	0	0	0	0	0	0	0	32633476	9665372	0	0	0	0	0	55940496	0	12163946
	Total (Main Bills) Rs.	317575608	149510395	0	0	201216036	104687214	159193629	0	0	629796026	279152644	88275059	173068354	343667727	44525845	204681317	1137151183	320010482	415251151
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
	Compensation - CERC order	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06.	05.05.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07.	RLDC Chgs-December 2020	45630	16372	0	0	22915	13656	13808	0	0	68317	34506	8774	3926886	5120852	(1014699)	(1085863)	174648	(1989836)	983643
08.	ECR Rvsn VST/SPT /KGNV/KST	13499607	5400775	0	0	813688	473589	0	0	0	(2354478)	(1434804)	338052	0	0	(1428654)	0	0	1204653	1651242
09.	Px Sharing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(320789)
10.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	LC Bill (Gross) Rs.	331120845	154927542	0	0	202052639	105174459	164086530	0	0	627509865	277752346	88621885	177014253	348823472	42098689	203612491	1137325831	319253189	417616604
16.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17.	Net LC Bill (Gross-Rebate)	331120845	154927542	0	0	202052639	105174459	164086530	0	0	627509865	277752346	88621885	177014253	348823472	42098689	203612491	1137325831	319253189	417616604
REBATEABLE Rs. 4176166045																				
TCS @ 0.075% (NON-REBATEABLE)Rs. 3132125																				
Total Bill Rs. 4179298170																				
																		TOTAL PAYABLE for the month		417616604
																		NET PAYABLE (Rs.)		417929817

REF: REA/2020/12.0  
 Bill No. WR-20-21 - CSPDCL  
 DATED: 5-Jan-21  
 DATED: 6-Jan-21

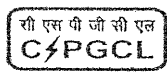
WESTERN REGION HEADQUARTERS, MUMBAI-400093  
 LC BILL RAISED IN THE MONTH OF JANUARY 2021

NTPC LIMITED  
 Mr. Avind Patle, DGM(Comm)  
 0771 - 2259160

Sl.No.	PARTICULARS	KSTPS	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS	JGPS	SIPAT-1	C-SEB		SLP	KHSSTPS2	Gadawara	Lara	Kharigone	AMTRs)	
												SIPAT-2	VSTPS5							
	Energy scheduled(KWH)	106806504	49194310			69339671	40906900	30917064			217556506	64435812	22919079	49169215	12033784	25792003	372936641	63255268		
	Energy Charges(Ps)(KWH)	143.80	140.80			161.30	159.20	270.40			135.20	139.30	291.50	290.80	221.40	254.00	214.60	267.20		
01.	Capacity Charges	82883169	60506766	0	0	63981599	57650426	69253825	0	0	237872049	114087485	38710340	160335902	15300574	90368239	780551110	135778572	1981473904	
02.a.	Energy Charges	15337410	69265588	0	0	11184489	65123785	83745757	0	0	294136396	88759086	42719582	142964077	28642798	65511688	800322032	1699180076	2181257009	
02.b.	MOPA Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03.	Incentive	(8497930)	2464449	0	0	3768946	2038061	0	0	0	16882259	(15569599)	48886	0	0	1960159	35719354	2600188	89402376	
04.a.	ED&Cess on APC	12144104	458178	0	0	4032414	2547496	0	0	0	16451787	7400892	1968804	0	0	0	61178465	0	125221131	
04.b.	ED&Cess on Sales	18226666	7332534	0	0	0	0	0	0	0	26506151	11977295	0	0	0	0	0	0	306796836	
	Total (Main Bills) Rs.	238135149	144127515	0	0	183645848	126759768	153009532	0	0	591648642	207635159	83466512	303319979	41943372	157840086	1677769981	306796836	4378292493	
05.	REA Rvsn - Oct/Nov-20	0	0	0	0	0	0	0	0	0	0	0	0	0	620306	0	0	0	620306	
	Compensation - CERC order																			
06.	05.05.17																			
07.	RLDC Chgs-November 2020	45112	16402	0	0	22900	13647	13546	0	0	66269	34457	8770	34513	16917	16981	158935	27341	494275	
	ECR Rvsn VS TSP /SS /LR /N/																			
08.	MS			0	0	219668	83460	3693660			(4031140)	(3400265)	83069	782108		3457458	6440797	1615860	8944675	
09.																				
10.	Px. Sharing																			
11.																				
12.																				
13.																				
14.																				
15.	LC Bill (Gross) Rs.	238180261	144143917	0	0	183888416	126558875	161568733	0	0	587685771	204289351	83578451	306643024	41486297	161255267	1684367713	310658218	4396186966	
16.	Net LC Bill (Gross-Rebate)	238180261	144143917	0	0	183888416	126558875	161568733	0	0	587685771	204289351	83578451	306643024	41486297	161255267	1684367713	310658218	4396186966	
17.																				
																			TOTAL PAYABLE for the month	4396186966
																			NET PAYABLE (Rs.)	4399484106

REBATABLE -Rs. 4396186966  
 TCS @ 0.075% (NON-REBATABLE)Rs. 3297140  
 Total Bill Rs. 4399484106

634



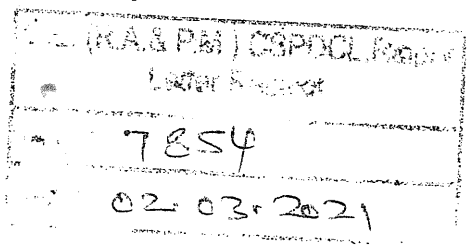
**CHHATTISGARH STATE POWER GENERATION COMPANY LIMITED**  
(A Govt. of C.G. Undertaking)  
**Office of the Chief Engineer (C&RA)**

NO. 03-09/ Bills-15/ 163

Raipur Dtd. 27-Feb-2021

To,

The Chief Engineer (RA&PM)  
4<sup>th</sup> 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.

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

SE(RM)I

BB-1  
04-03-21

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04-03-21

03/03



## 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
<b>Total</b>	<b>201,226,468</b>	<b>70,821,763</b>	<b>272,048,231</b>

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
<b>Total</b>	<b>35,383,308</b>	<b>10,690,777</b>	<b>77,262,505</b>	<b>5,260,432</b>	<b>143,451,209</b>	<b>272,048,231</b>

  
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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 = $(j/(f*10^6))$	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 = $(j/(f \times 10^6))$	Rs/MT		1829.71	1848.60	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (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 $(n/(f \times 10^6))$	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)	-	0.00000000	0.00000000	
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/(fX10^6))	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/(fX10^6))	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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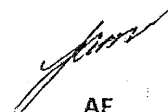
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Name of the Company : Chhattisgarh State Power Generation Company Limited  
 Name of the Power Station : Marwa Thermal Power Plant - ABVTPS - (GP-III)

	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 Fes				
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 @ Collieries limited".

  
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