

Computation of VCA Charges (1st bi-monthly period of FY 2021-22)

(A) CHFC: -

Month	HTPS	DSPM TPS	Korba(W) Extn.	Total Amt.in Rs.
Apr-21	-16,61,82,108	-10,96,35,072	-9,60,93,853	-37,19,11,033
May-21	12,68,61,599	-47,03,390	6,53,49,606	18,75,07,815
Total in Rs.	-3,93,20,509	-11,43,38,462	-3,07,44,247	-18,44,03,218

(B) CHPP:

- (i) Total units purchased from NTPC and NSPCL : 2,59,04,22,377 KWh
- (ii) Amount paid against units purchased : Rs. 9,61,57,24,403
- (iii) Rate per unit : Rs. 3.71 /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. 0.37/KWh
- (vi) CHPP (in Rs.) (i)x(v) : Rs. 95,84,56,279
- C. Gross VCA (A+B) in Rs : Rs. 77,40,53,061
- D. Total quantum of power purchased during the period : 639,89,93,419 Kwh
- E. Quantum of power purchased for sale to retail consumers of the State : 516,98,71,557 KWh
- F. Allowable VCA (in Rs.) [C*(E/D)] : Rs. 62,53,72,562
- G. Normative transmission & distribution losses as specified in Tariff order : 16.08%
- H. Allowable VCA Charges(Rs./Kwh) (F/E*(1-G)) : **Rs. 0.14 per KWh**

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

- | | | |
|---|---------------------------------|-------------------|
| 1 | DLF consumers; up to 100 units | Rs. 0.14 per unit |
| 2 | DLF consumers; 101 to 200 units | Rs. 0.14 per unit |
| 3 | DLF consumers above 200 units | Rs. 0.14 per unit |
| 4 | Agriculture Consumers | Rs. 0.14 per unit |
| 5 | Rest all categories | Rs. 0.14 per unit |

To be recovered from energy bill for the consumption in the months of July'2021 and Aug'2021 payable in the months of Aug'2021 and Sep'2021 respectively.

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Computation of Qpp and Qrs (1st Bi-monthly of FY 2021-22)

S No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	Q_1	2928743730 ✓	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations(Bango)	Q_2	44816538 ✓	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations(Small Hydle Station of CSPGCL + CoGen Kawardha)	Q_3	4451241 ✓	KwH
4	Quantum of scheduled power purchased from CGs at state periphery (CSPTrdCL+NTPC+NSPCL+NPCIL+OHPCL+NHPCL+Bundle Power+SECI+NEEPCO)	Q_4	3231737637 ✓	KwH
5	PGCIL actual losses for the bi-monthly period	L_1	2.74%	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5 = Q_4(1-L_1)$	3143188026 ✓	KwH
7	Quantum of actual power purchased from Renewable energy Sources	Q_6	213375853 ✓	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	9634163 ✓	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery (IEX)	$Q_9 = Q_8(1-L_1)$	9370187 ✓	KwH
11	Quantum of power purchased from other Sources(if any)(Short term + Border Village+Un schduled)	Q_{10}	55047844 ✓	KwH
12	Total Quantum of power purchased	$Q_{PP} = Q_1 + Q_2 + Q_3 + Q_5 + Q_6 + Q_7 + Q_9 + Q_{10}$	6398993419 ✓	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}	1229121862	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS} = Q_{PP} - Q_{PT}$	5169871557 ✓	KwH

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Computation of CHPP

S.No.	Particulars		
1	Scheduled energy purchased from CGs during 1st bi-monthly period of FY 2021-22		
2	Amount paid against units purchased	Kwh	2,59,04,22,377
3	Average rate of power purchase	Rs.	9,61,57,24,403
4	Average rate of Power Purchase as per Tariff Order	Rs./Kwh	3.71
5	Difference in the average rate of PP	Rs./Kwh	3.34
6	CHPP(Change in the cost of power purchased from CGs)	Rs.	0.37
			958456279

Computation of VCA (1st Bi-monthly period of FY 2021-22)

S.No.	Particulars			
1	CHFC			
2	CHPP		Rs.	-184403218
3	Gross VCA(sub total in Rs.)		Rs.	958456279
4	Allowable VCA(in Rs.)	CHFC+CHPP	Rs.	774053061
		Gross VCA (in Rs.) $\times Q_{RS}/Q_{PP}$	Rs.	625372562
5	Allowable VCA(in Rs./kwh)	Allowable VCA (in Rs.)/[Qrs*(1-L)]	Rs./Kwh	0.14

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NTPC Limited
(A Government of India Enterprise)

पश्चिमी क्षेत्र - II मुख्यालय,
रायपुर

Ref: WR-II Comm Bill MAY'21

Date 07.05.2021

To,

Chief Engineer (Commercial-RA & PM)
Chhattisgarh State Power Distribution Co. Ltd.
Danganiya, Raipur (CG)

Subject: Energy Bill MAY'21

Sir,

Please find enclosed the invoice raised in the month of MAY'21, for the energy drawn by M/S. Chhattisgarh State Power Distribution Co. Ltd. (CSPDCL) from various NTPC stations during the month of APR'21. The bill is as per REA ref. no. WRPC/Commercial/3/ABTREA/2021/4.0 dated 05.05.2021. The bill amount is Rs. 491,96,73,732 - (In Words: Rs. Four Hundred Ninety-One Crore Ninety-Six Lakh Seventy-Three Thousand Seven Hundred Thirty-Two Only) inclusive of TCS. Rebate shall be offered to M/S. CSPDCL as per NTPC Rebate Scheme 2021-22.

You are kindly requested for making arrangements for verification and early payment of bills.

Yours Faithfully,


अरविन्द पटले
ARVIND PATLE
उप महाप्रबंधक (व्यापार/वित्त)
Dy General Manager (Commercial)
पश्चिमी क्षेत्र, NTPC लिमि., NTPC लिमि.
WR-IIHQ, Raipur

Arvind Patle

DGM (Commercial)

पश्चिमी क्षेत्र - II मुख्यालय एनटीपीसी लिमि. Western Region-II Headquarters, NTPC Ltd.
सेक्टर-24, अटल नगर, नवा रायपुर (CG) 492018 फोन-0771-2515200, फैक्स-0771-2960101
Sec-24, Atal Nagar, Nawa Raipur (CG)-492018 Ph-0771-2515200, Fax-0771-2960101
पंजीकृत कार्यालय: एनटीपीसी भवन, स्कोप कम्प्लेक्स, इन्स्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली - 110003
Regd. Office: NTPC Bhawan, Scope Complex, Institutional Area, Lodhi Road, New Delhi 110003

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NTPC Limited
(A Government of India Enterprise)

पश्चिमी क्षेत्र - II मुख्यालय,
रायपुर

Ref: WR-II Comm/Bill/JUN'21

Date: 05.06.2021

To,

Executive Director (Commercial-RA & PM)
Chhattisgarh State Power Distribution Co. Ltd.
Danganiya, Raipur (CG)

Subject: Energy Bill JUN'21

Sir,

Please find enclosed the invoice raised in the month of JUN'21, for the energy drawn by M/S. Chhattisgarh State Power Distribution Co. Ltd. (CSPDCL) from various NTPC stations during the month of MAY'21. The bill is as per REA ref. no. WRPC/Commercial/3/ABTREA/2021/5.0 dated 05.04.2021. The bill amount is **Rs. 447,99,46,597/- (In Words: Rs. Four Hundred Forty-Seven Crore Ninety-Nine Lakh Forty-Six Thousand Five Hundred Ninety-Seven Only)** inclusive of TCS. Rebate shall be offered to M/S. CSPDCL as per applicable Rebate Scheme.

You are kindly requested for making arrangements for verification and early payment of bills.

Yours Faithfully,

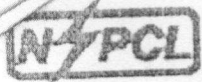

अरविन्द पटले
ARVIND PATLE
उप महाप्रबंधक (वाणिज्यिक)
Dy General Manager (Comm)
एनटीपीसी लिमि. NTPC Ltd.
WR-II HQ, Raipur

Arvind Patle

DGM (Commercial)

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

BIL No. JUNE 2024/CSEB																CUSTOMER: CSEB			
SIL No.	PARTICULARS	KSTPS	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS	JGPS	SIPAT-1	SIPAT-2	VSTPS5	MST-2	SLP	KMSTPS 2	GSTPS	LARA	KHARGONE
	Energy scheduled(KWH)	142979560	52785453	0	0	70764742	42780794	21743649	Q2 2024	G19 Q2 2024	192530012	108614099	26695609	15147223	0	19276906	20787789	388164451	14221615
	Energy Charges(Pa-WH)	143760	140770	153720	14750	146730	14440	27760	APU 154 RUNG N-1009.4 APU 154.5 N-1019	145720	150760	149730	300710	307720	22790	6399135	2837100	2057200	287400
01	Capacity Charges	83181104	66551772	0	0	63473103	56831377	66992221	0	0	237781230	113655644	38495931	75639706	154074034	19006035	184726334	778414215	132209315
02a	Energy Charges	20474152	73565632	0	0	102651018	61774600	59430624	0	0	279553577	163572833	38821926	45456816	0	42642314	57434131	796513453	40872922
02b	MCPA Charges	9982578	4036684	0	0	4289292	3042078	(1554546)	0	0	62479	7839664	139772	0	0	2042978	0	(40677307)	0
03a	Incentive	13936847	4479567	0	0	4445471	2895453	0	0	0	16450191	9503409	2093147	0	0	6793047	0	65736704	4288170
04a	EDC/Costs on APC	20720811	7565105	0	0	0	0	0	0	0	15289137	0	0	0	0	0	0	80457706	0
04b	EDC/Costs on Sales	322565502	150198770	0	0	174839834	124453508	126838799	0	0	560870421	309870887	80850776	121096522	159074034	63891327	249024112	1651478474	177370407
	Total (Main Bills) Rs.	0	0	0	0	(5499027)	(208419)	0	0	0	843552	379074	(194182)	0	0	0	0	47624773	0
05	EC Rebates	0	0	0	0	0	0	0	0	0	67005	33824	8696	18295	32877	16697	33339	177260	26631
06	RDC Charges- Apr 2021	44956	16056	0	0	22478	13390	13391	0	0	0	0	0	0	0	0	0	0	0
07	Compensation-Apr 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08	RTM Cost Sharing-May 2021	0	0	0	0	0	0	(45577)	0	0	0	0	0	0	0	0	0	0	(1500)
09	ADD INC Tax 2003-Jul 2004-Jul 2009-09	98048037	0	14666134	0	0	0	0	2703109	2699762	0	0	0	0	0	0	0	0	0
10	ADD INC Tax STPS-1B																		
11	KMTPS-1B																		1557935
12																			0
13		0																	0
14																			0
15	LC Bill (Gross) Rs.	430658495	150214826	14666134	0	174333360	124258479	126806113	2703109	2699762	561782778	310283785	80665200	126630829	168767914	63707424	249054728	170984507	177395738
16																			
17	Net LC Bill (Gross Rebate)	430658495	150214826	14666134	0	174333360	124258479	126806113	2703109	2699762	561782778	310283785	80665200	126630829	168767914	63707424	249054728	170984507	177395738
													</						



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 Period 01.04.2021 - 30.04.2021

Bill No. 6300255

Bill Date 06.05.2021

Beneficiary Chhatisgarh State Power

GSTIN Of Beneficiary 22AADCC6047K1ZR

Station Bhilai PP 3

Ack. No.:

Ack. Date:

IRN No.:

S.No	Description	Unit	Rate	Cumulative Amount (Rs.)	Claimed Amount (Rs.)	Net Amunt (Rs.)
	Capacity Charges	Cr.(Rs)/Yr	576.893	48,074,450.00		48,074,450.00
2	Incentive Amount of beneficiary	Rs.		2,247,699.00		2,247,699.00
3	URS Amount of beneficiary	Rs.				
4	Energy Charge Rate (ECR)	Rs./kwh	2.389			
5	Energy Charges	Rs.		76,823,371.00		76,823,371.00
6	Electricity Duty/Cess/Taxes	Rs./kvah	0.050	1,607,856.00		1,607,856.00
7	Electricity Duty on APC	Rs./kwh	0.607	1,887,999.00		1,887,999.00
8	Other Charges	Rs.		10,749.00		10,749.00
9	Total	Rs.		130,652,124.00		130,652,124.00
10	Rebate(-)	Rs.				
11	Surcharge(+)	Rs.		38,677.00		38,677.00
12	Other Adjustment	Rs.		1,244,045.00-		1,244,045.00-
13	Sharing of benefits	Rs.				
14	Sharing of Gains via Power Trading	Rs.				
15	Net Amount	Rs.		129,446,756.00		129,446,756.00
16	TCS under section 206C (1H) Act	Rs.	0.100	129,446.76		129,446.76
17	Total Amount	Rs.		129,576,202.76		129,576,202.76

One Hundred Twenty-Nine Million Five Hundred Seventy-Six Thousand Two Hundred Two And

पंजीकृत केन्द्रीय कार्यालय : बलुथु तल, एनबीसीसी टावर, 15, भोकाजी 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

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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 Period 01.05.2021 - 31.05.2021

Bill No. 6300259

Bill Date 04.06.2021

Beneficiary Chhatisgarh State Power

GSTIN Of Beneficiary 22AADCC6047K1ZR

Station Bhilai PP 3

Ack. No.:

Ack. Date:

IRN No.:

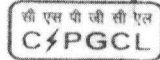
S.No	Description	Unit	Rate	Cumulative Amount (Rs.)	Claimed Amount (Rs.)	Net Amunt (Rs.)
1	Capacity Charges	Cr.(Rs)/Yr	576 893	96,148,900 00	48,074,450 00	48,074,450 00
2	Incentive Amount of beneficiary	Rs.			2,247,699.00	2,247,699 00-
3	URS Amount of beneficiary	Rs.		1,341,405.00-		1,341,405 00-
4	Energy Charge Rate (ECR)	Rs./kwh	2 560			
5	Energy Charges	Rs.		130,790.502 00	76,823,371 00	53,967,131 00
6	Electricity Duty/Cess/Taxes	Rs./kvah	0 050	2,661,902 00	1,607,856 00	1,054,046 00
7	Electricity Duty on APC	Rs./kwh	0 607	2,983,004 00	1,887,999 00	1,095,005 00
8	Other Charges	Rs.		241,487 00	10,749 00	230,738 00
9	Total	Rs.		231,484,390 00	130,652,124 00	100,832,266 00
10	Rebate(-)	Rs.				
11	Surcharge(+)	Rs.		38,677.00	38,677 00	
12	Other Adjustment	Rs.		2,080,130.00-	1,244,045 00-	836,085 00-
13	Sharing of benefits	Rs.		4,393,251.00-		4,393,251 00-
14	Sharing of Gains via Power Trading	Rs.		28,543 00-		28,543 00-
15	Net Amount	Rs.		225,021,143 00	129,446,756.00	95,574,387 00
16	TCS under section 206C (1H) Act	Rs.	0.100	225,021 15	129,446 76	95,574 39
17	Total Amount	Rs.		225,246,164 15	129,576,202 76	95,669,961 39

Ninety-Five Million Six Hundred Sixty-Nine Thousand Nine Hundred Sixty-One And Thirty-Nine INR

पंजीकृत केन्द्रीय कार्यालय : चतुर्थ तल, एनबीसीसी 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



CHHATTISGARH STATE POWER GENERATION COMPANY LIMITED

(A Govt. of C.G. Undertaking)

Office of the Executive Director (C&RA)

NO. 03-09/ Bills-15/ 394

Raipur Dtd.

5-Jul-2021

To,

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

E.D.(RA&PM) CSPDCL Raipur	
Letter No.	
No.	1670
Date	06.07.2021

Sub: Fuel Cost Adjustment calculation for the 1st Bi-Monthly period of FY 2021-22.

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. **-128,536,552** /- for the 1st Bi-Monthly period of FY 2021-22 (April-21 & May-21). As per CSERC order the above FCA amount shall be claimed in two installments w.e.f. **Aug-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.

SE (PM) I
20/08/21

Signature

Executive Director (C&RA)
CSPGCL: Raipur

Copy to :-

- 1 The Secretary, Chhattisgarh State Electricity Regulatory Commission, New Shanti Nagar Raipur. In compliance to directives given in tariff order dtd. 23/05/2015.
- 2 The E.D. (O&M:Gen) CSPGCL, Raipur
- 3 The 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-1st Bi Monthly of FY 2021-22 (April-2021 & May-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

EE-1
08-07-21

Fuel Cost Adjustment calculation for the 1st Bi-Monthly period of FY 2021-22.

All Figures in Rs.

Name of Plant	Apr-21	May-21	Total
HTPS	-166182108	126,861,599	-39,320,509
DSPM TPS	-109635072	-4,703,390	-114,338,462
KW Extn	-96093853	65,349,606	-30,744,247
MTTPS	69890211	-14,023,545	55,866,666
Total	-302,020,822	173,484,270	-128,536,552

(-) RUPEES HUNDRED TWELVE CRORES EIGHTY FIVE LAKHS THIRTY SIX THOUSAND FIVE HUNDRED FIFTY TWO ONLY

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

All Figures in Rs.

Month	HTPS	DSPM TPS	KW Extn	MTTPS	Total
Aug-21	-19,660,255	-57,169,231	-15,372,124	27,933,333	-64,268,277
Sep-21	-19,660,254	-57,169,231	-15,372,123	27,933,333	-64,268,275
Total	-39,320,509	-114,338,462	-30,744,247	55,866,666	-128,536,552


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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 April-21	For Month of May-21	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.34885493	0.33158400	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.348855	0.331584	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000697710	0.000663168	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.348157	0.330920832	
g	Amount charged by the Coal / Lignite Company	(Rs.)		626656343.78	595631571.82	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-182052958.95		
i	Coal Sampling fees	(Rs.)			26117234.53	
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		444603384.83	621748806.35	
k	Rate of Coal for the period Charged by Coal Company = (j/(f*10^6))	Rs/MT		1277.02	1878.84	
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	1277.02	1878.84	
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	1,357.77	1,959.59	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,406.33	3,640	3,213	
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-(rxs))/(p)*(o/1000))/(1-t)	Rs/ KWh		1.091	1.784	
v	ECR as considered in Tariff order	Rs/ KWh	1.452	1.452	1.452	
w	Change in ECR (u-v)	Rs/ KWh		-0.361	0.332	
aa	Scheduled Generation during the Period	KWh		460,338,250	382,113,250	
ab	FCA Claim for the Period (wXaa)	Rs		-166,182,108	126,861,599	-39,320,509


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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 : - 1x500 MW KW Extn

	Description	Unit	Considered in Tariff order	For Month of April-21	For Month of May-21	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.17182407	0.16331700	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.171824	0.163317	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000343648	0.000326634	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.171480	0.162990366	
g	Amount charged by the Coal / Lignite Company	(Rs.)		308,651,631.99	293,370,774.17	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-89667876.69		
i	Coal Sampling fees					
j	Net amount Charged by Coal Company (g+h-i)	(Rs.)		218983755.30	293370774.17	
k	Rate of Coal for the period Charged by Coal Company $= (j / (f * 10^6))$	Rs/MT		1277.02	1799.93	
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	1277.02	1799.93	
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	1,357.77	1,880.68	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,400.59	3641.00	3209.00	
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= $((q-rxs)/(p)*(o/1000))/(1-t)$	Rs/ KWh		0.933	1.466	
v	ECR as considered in Tariff order	Rs/ KWh	1.243	1.243	1.243	
w	Change in ECR (u-v)	Rs/ KWh		-0.31	0.223	
aa	Scheduled Generation during the Period	KWh		309,980,170	293,047,560	
ab	FCA Claim for the Period (wXaa)	Rs		-96,090,853	65,349,606	-30,744,247


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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 Mukherjee Thermal Power Station - DSPM TPS

	Description	Unit	Considered in Tariff order	For Month of April-21	For Month of May-21	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.06561343	0.11648079	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.06561343	0.11648079	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000131627	0.000232962	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.065681803	0.116247828	
g	Amount charged by the Coal / Lignite Company	(Rs.)		120179772.44	208108454.39	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-39,783,655.76	-17,411,519.09	
i	Coal Sampling fees	(Rs.)			7,604,225.00	
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		80,396,116.68	198,301,160.30	
k	Rate of Coal for the period Charged by Coal Company $= (j/(fx10^6))$	Rs/MT		12.24.02	1705.85	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		12.24.02	1705.85	
n	Transportation Cost Paid to railways	Rs		17446607	20953621	
o	Transportation Charge rate paid to Railways $(n/(fx10^6))$	Rs/MT		265.62	180.25	
p	Other Charges (per Ton) towards transportation	Rs/MT				
q	Total per ton Transportation Charges (o+p)			265.62	180.25	
r	Landed Price of Coal per MT $((l+q)$	Rs./MT	1,921.22	1489.64	1886.10	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,449.20	3572.38	3424.90	
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 $= ((l-(uxv))/(s)*(r/1000))/(1-w)$	Rs/ KWh		1.143	1.510	
y	ECR as considered in Tariff order	Rs/ KWh	1.527	527	1.527	
z	Change in ECR (x-y)	Rs/ KWh		-0.384	-0.017	
aa	Scheduled Generation during the Period	Kwh		285,500,000	276,670,000	
ab	FCA Claim for the Period (zX aa)	Rs		-109,635,072	-4,703,390	-114,338,462


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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 (consolidated => SECL + GP III)

	Month	Unit	Considered in Tariff order	For Month of April-21	For Month of May-21	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.267905840	0.214000500	
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)		0.26790584	0.21400050	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.002143247	0.001712004	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.265762593	0.212288496	
g	Amount charged by the Coal / Lignite Company	(Rs.)		317942290.910	325440137.350	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		0.000	-97682351.130	
i	Coal Sampling Fes	(Rs.)			7,715,393.31	
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		317942290.91	235473179.53	
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10^6))	Rs/MT		1196.34	1109.21	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		1196.34	1109.21	
n	Transportation Cost Paid to railways	Rs		70231915.00	57956536.00	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		264.45	273.01	
p	Road Charges (per Ton) towards transportation	Rs/MT		655.43	478.36	
q	Total per ton Transportation Charges (o+p)			919.88	751.37	
r	Landed Price of Coal per MT ((m+q)	Rs /MT	1,535	2,116.22	1,860.58	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,280.29	3,482	3,582	
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		1.522	1.301	
y	ECR as considered in Tariff order	Rs/ KWh	1.373	1.373	1.373	
z	Change in ECR (x-y)	Rs/ KWh		0.149	-0.072	
aa	Scheduled Generation during the Period	Kwh		487,700,250	433,378,750	
ab	Net FCA payable			72,667,337	-31,203,270	
ab	Difference of FCA claim for Dec 20 & Jan 21			-2,777,126	17,179,725	
ac	Net FCA payable			69,890,211	-14,023,545	55,866,666

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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 April-21	For Month of May-21
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.047451020	0.085477130
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-		
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.04745102	0.08547713
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000379608	0.000683817
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.047071412	0.084793313
g	Amount charged by the Coal / Lignite Company	(Rs.)		94586867.07	177149837.10
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)			-97,682,351.13
i	Coal Sampling Fees	(Rs.)			
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		94586867.07	79467485.97
k	Rate of Coal for the period Charge-I by Coal Company = (j/(fX10^6))	Rs/MT		2009.43	937.19
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		2009.43	937.19
n	Transportation Cost Paid to railways	Rs		15461950.00	25770082.00
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		328.48	303.92
p	Road Charges (per Ton) towards transportation	Rs/MT			
q	Total per ton Transportation Charges (o+p)			328.48	303.92
r	Landed Price of Coal per MT ((m+q)	Rs./MT	1,535	2,337.91	1,241.11
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 April-21	For Month of May-21	
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.220454820	0.128523370	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-			
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.22045482	0.12852337	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.00763639	0.001028187	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.218691181	0.127495183	
g	Amount charged by the Coal / Lignite Company	(Rs.)		223355423.84	148290300.25	
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.)		223355423.84	148290300.25	
k	Rate of Coal for the period Charged by Coal Company = (j)/(fX10 ⁶))	Rs/MT		1021.33	1163.11	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		1021.33	1163.11	
n	Transportation Cost Paid to railways	Rs		54819965.00	32186454.00	
o	Transportation Charge rate paid to Railways (n)/(fX10 ⁶))	Rs/MT		250.67	252.45	
p	Road Charges (per Ton) towards transportation	Rs/MT		796.50	796.50	
q	Total per ton Transportation Charges (o+p)			1047.17	1048.95	
r	Landed Price of Coal per MT ((m+q)	Rs./MT	1,535	1,068.50	2,212.06	
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				

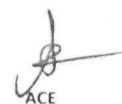
Note: As per CSERC letter no. 13-EH-30/2020/18(dtd 27.01.2020, Coal cost is taken from SECL notified rates along with applicable taxes for GP-III.

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
Name of the Company - Chhattisgarh State Power Generation Company Limited
Name of the Power Station - Marwa Thermal Power Plant - ABVTPS (SECL & GP+III) (Revised)

Month	Unit	Considered	For Month of Dec-20	For Month of Jan-21	Total for period
a	(MT)	-	0.391681960	0.342673400	
b	(MT)	-	0.000000000	0.000000000	
c	(MT)		0.39168196	0.34267340	
d	%	0.80%	0.80%	0.80%	
e	(MT)		0.03133456	0.002741387	
f	(MT)		0.38548504	0.339932013	
g	(Rs)		546138234.394	554579688.790	
h	(Rs)		0.000	-10944128.740	
i	(Rs)				
j	(Rs)		546188234.39	543635560.05	
k	(Rs/MT)		1405.71	1599.25	
l	(Rs/MT)				
m	(Rs/MT)		1405.71	1599.25	
n	(Rs)		115665900.00	91342445.00	
o	(Rs/MT)		297.69	268.71	
p	(Rs/MT)		433.68	251.88	
q			731.37	520.59	
r	(Rs/MT)	1.535	2.137.08	2.119.84	
s	(KCal/Kg)	3.280.29	3.402	3.481	
t	KCal/ KWh	2.378	2.378	2.378	
u	m/ KWh	0.50	0.50	0.50	
v	KCal/ml	10	10	10	
w	%	5.25	5.25	5.25	
x	(Rs/ KWh)		1.573	1.525	
y	(Rs/ KWh)	1.373	1.373	1.373	
z	(Rs/ KWh)		0.200	0.152	
aa	KWh		462.854.260	429.493.130	
ab			92.570.852	65.282.956	157.853.808
ab			95.347.978	48.103.231	
ac			-2.777.126	17.179.725	14.402.599

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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 (Revised)

	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)		0.011223850	0.001771094
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.141757460	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) (Revised)

	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.)		270036578.484	122128192.510
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.)		270036578.48	122128192.51
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10 ⁶))	Rs/MT		1140.40	1015.06
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		1140.4	1015.06
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 Charge: (o+p)			961.26	964.03
r	Landed Price of Coal per MT ((m+q)	Rs./MT	1,535	2,101.66	1,979.09
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 (yXz)	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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