

O/o E.D. (EITC)  
CSPDCL Raipur  
Receipt No. 5225  
Date: 14 SEP 2021  
GM (IT)  
E (O)/SE Billing / Web  
E  
Action



**CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LIMITED**

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

CIN U40108CT2003SGC015822

**OFFICE OF EXECUTIVE DIRECTOR (RA&PM), CSPDCL**

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

Phone (0771) 2574441, Fax (0771) 2574442

No.02-02/SE-IVCA/ 1431

Raipur, Date 14.09.2021

To,

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

Sub: Computation of VCA charge in respect of June'2021 & July'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 June'2021 & July'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. 0.18 per unit
2	DLF consumers 101 to 200 units	Rs. 0.19 per unit
3	DLF consumers above 200 units	Rs. 0.36 per unit
4	Agriculture Consumers	Rs. 0.36 per unit
5	Rest all categories	Rs. 0.36 per unit

These VCA charges are recoverable from electricity consumers for the consumption in the months of Sep'2021 and Oct'2021 payable in the months of Oct'2021 and Nov'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.

Executive Director (RA&PM)  
CSPDCL: Raipur

Computation of VCA Charges (2<sup>nd</sup> bi-monthly period of FY 2021-22)

CHFC: -

Month	HTPS	DSPM TPS	Korba (W) Extn.	Total Amt.in Rs.
Jun-21	8,82,87,557	1,91,17,904	5,58,54,098	16,32,59,559
Jul-21	2,72,49,118	2,58,42,810	2,14,68,645	7,45,60,573
<b>Total in Rs.</b>	<b>11,55,36,675</b>	<b>4,49,60,714</b>	<b>7,73,22,743</b>	<b>23,78,20,132</b>

(B) CHPP:

- (i) Total units purchased from NTPC and NSPCL : 2,31,68,84,984 KWh ✓
- (ii) Amount paid against units purchased : Rs. 9,24,62,99,067 ✓
- (iii) Rate per unit : Rs. 3.99 /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. 0.65/KWh ✓
- (vi) CHPP (in Rs.) (i)x(v) : Rs. 150,59,75,240 ✓
- C. Gross VCA (A+B) in Rs : Rs. 174,37,95,372 ✓
- D. Total quantum of power purchased during the period : 578,25,63,135 Kwh ✓
- E. Quantum of power purchased for sale to retail consumers of the State : 504,39,74,135 KWh ✓
- F. Allowable VCA (in Rs.) [C\*(E/D)] : Rs. 152,10,65,753 ✓
- G. Normative transmission & distribution losses as specified in Tariff order : 16.08%
- H. Allowable VCA Charges(Rs./Kwh) (F/E\*(1-G)) : Rs. 0.36 per KWh ✓

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

- |    |                                |                   |
|----|--------------------------------|-------------------|
| 1  | DLF consumers up to 100 units  | Rs. 0.18 per unit |
| 2  | DLF consumers 101 to 200 units | Rs. 0.19 per unit |
| 3  | DLF consumers above 200 units  | Rs. 0.36 per unit |
| 4. | Agriculture Consumers          | Rs. 0.36 per unit |
| 5. | Rest all categories            | Rs. 0.36 per unit |

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

*Boell* *Harsh*

## Computation of CHPP

S.No.	Particulars		
1	Scheduled energy purchased from CGs during 2nd bi-monthly period of FY 2021-22	Kwh	2,31,68,84,984
2	Amount paid against units purchased	Rs.	9,24,62,99,067
3	Average rate of power purchase	Rs./Kwh	3.99
4	Average rate of Power Purchase as per Tariff Order	Rs./Kwh	3.34
5	Difference in the average rate of PP	Rs./Kwh	0.65
6	CHPP(Change in the cost of power purchased from CGs)	Rs.	1505975240

## Computation of VCA (2nd Bi-monthly period of FY 2021-22)

S.No.	Particulars		
1	CHFC	Rs.	237820132
2	CHPP	Rs.	1505975240
3	Gross VCA(sub total in Rs.)	Rs.	1743795372
4	Allowable VCA(in Rs.)	Gross VCA (in Rs.) $\times$ Q <sub>Rs</sub> /Q <sub>pp</sub>	1521065753
5	Allowable VCA(in Rs/Kwh)	Allowable VCA (in Rs.)/[Qrs*(1-L)]	Rs./Kwh 0.36

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### Computation of Qpp and Qrs (2nd Bi-monthly of FY 2021-22)

S No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	$Q_1$	2438597380	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations(Bango)	$Q_2$	32914355	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations(Small Hydel Station of CSPGCL + CoGen Kawardha)	$Q_3$	1649032	KwH
4	Quantum of scheduled power purchased from CGs at state periphery	$Q_4$	3073928146	KwH
5	PGCIL actual losses for the bi-monthly period	L1	2.73%	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5=Q_4(1-L1)$	2990009908	KwH
7	Quantum of actual power purchased from Renewable energy Sources	$Q_6$	240025274	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)	$Q_8$	30671000	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery (IEX)	$Q_9=Q_8(1-L1)$	29833682	KwH
11	Quantum of power purchased from other Sources(if any)(Short term + Border Village+Un schduled)	$Q_{10}$	49533504	KwH
12	Total Quantum of power purchased	$Q_{pp}=Q_1+Q_2+Q_3+Q_5+Q_6+Q_7+Q_9+Q_{10}$	5782563135	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)	$Q_{PT}$	738589000	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS}=Q_{pp}-Q_{PT}$	5043974135	KwH

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**एनटीपीसी-सेल पावर कंपनी लिमिटेड**

(एनटीपीसी और सेल का संयुक्त उपकरण)

**NTPC-SAIL Power Company Limited**  
(A joint venture of NTPC & SAIL)

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

Energy Bill : 01.07.2021 - 31.07.2021

Bill Date : 05.08.2021

Bill No. 6300267

Beneficiary Name : Chhatisgarh State Power

GSTIN Of Beneficiary : 22AADCC6047K1ZR

		Beneficiary Data	
PAFM	103.0769 %	Energy Schd.	20,134,898.00 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	2.5880 Rs/kwh		
Values		Month Values	
AUX	9.000 %	CVSF	9.8910 Kcal/ml
GHR	2415.000 kCAL/kwh	LPPF	3.0069 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3189.779 kCal/Kg
		LPSFI	.042075 Rs/ml

ED Buy on APC		ED Buy on Cess/Taxes	
Total SG for Station	323,129,825.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kwh
SAIL TEED	kwh	ED Rate on APC	0.593 Rs./kwh
		Energy Schd. for Benf.	20,134,898.00 kwh
		ED/Cess/Taxes Amt.	1,006,745.00 Rs.
		ED on APC Amt.	1,091,306.00 Rs.

Current Period		Previous Period	
APC excl. Colony Cons.	29,533,820.00 kwh	Plant APC excl. Colony	25,294,175.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	1,840,314.35 kwh	Applicable APC for ED	1,195,369.62 kwh
		Difference	kwh
APC excl. Colony	25,294,175.00 kwh	Appl. APC ED (Curr. Bill)	1,840,314.35 kwh
Power factor	1.0000		
Appl. APC for ED	1,195,369.62 kwh		

Adjustment due to Revised ECR		Adjustment due to Revised RE	
ECR Prev. Period	2.5480 Rs./kwh	ECR-Rev Prev. Period	2.5540 Rs./kwh
ECR-Rev. Prev. Period	2.5540 Rs./kwh	Schd. Energy (last bill)	13,434,425.00 kwh
Difference	0.006 Rs./kwh	Schd. Energy ( REA )	13,434,425.00 kwh
Energy Schd Prev Period	13,434,425.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	80,606.55 Rs.	Adj. due to Rev. Energy	0.00 Rs.

Other Charges		Rebate & Surcharge	
WRLDC fees & charges amt.	10,690.00 Rs.	Cap. Charges Prev Period	Rs.
Uldc charges	0.00 Rs.	Energy Charges Prev Period	34,230,915.90 Rs.
Poc charges (BSP)	0.00 Rs.	Other Adj. Prev Period	Rs.
Tariff filling fee	0.00 Rs.	Total Applicable	34,230,915.90 Rs.
Miscellaneous charges	0.00 Rs.	Rebate	%
Total Other Charges billed	10,689.60 Rs.	Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	0.00 Rs.



# एनटीपीसी-सेल पावर कंपनी लिमिटेड

(एनटीपीसी और सेल का संयुक्त उपक्रम)

**NTPC-SAIL Power Company Limited**

(A joint venture of NTPC & SAIL)

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

Energy Bill : 01.06.2021 - 30.06.2021

Bill Date : 06.07.2021

Bill No. 6300263

Beneficiary Name : Chhatisgarh State Power

GSTIN Of Beneficiary : 22AADCC6047K1ZR

Station Data		Beneficiary Data	
PAFM	%	Energy Schd.	13,434,425.00 kwh
NAPAF	85.000 %		

Energy Charge Rate (ECR)		$[(GHR - SFC \times CVSF) \times LPPF / CVPF + SFC \times LPSFI + LC \times LPL] \times 100 / (100 - AUX)$	
ECR	2.5480 Rs/kwh		
Base Values		Month Values	
AUX	9.000 %	CVSF	9.9580 Kcal/ml
GHR	2415.000 kCAL/kwh	LPPF	3.0404 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3270.763 kCal/Kg
		LPSFI	038030 Rs/ml

ED / Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	284,274,163.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kvah
SAIL TEED	kwh	ED Rate on APC	0.593 Rs./kwh
		Energy Schd. for Benf.	13,434,425.00 kwh
		ED/Cess/Taxes Amt.	671,721.00 Rs.
		ED on APC Amt.	407,677.00 Rs.

Bill Period		Bill Period	
APC excl. Colony Cons.	25,294,175.00 kwh	Plant APC excl. Colony	27,050,417.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	1,195,369.62 kwh	Applicable APC for ED	1,803,962.01 kwh
Provisional Previous Period		Difference	
APC excl. Colony	27,050,417.00 kwh	Appl. APC ED (Curr. Bill)	1,195,369.62 kwh
Power factor	1.0000		
Appl. APC for ED	1,803,962.01 kwh		

Adjustment due to Revised ECR		Adjustment due to Revised REA	
ECR Prev. Period	2.5600 Rs./kwh	ECR-Rev Prev. Period	2.5130 Rs./kv
ECR-Rev. Prev. Period	2.5130 Rs./kwh	Schd. Energy (last bill)	21,080,911.00 kwh
Difference	0.047- Rs./kwh	Schd. Energy ( REA )	21,080,911.00 kwh
Energy Schd Prev Period	21,080,911.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	990,802.82- Rs.	Adj. due to Rev. Energy	0.00 Rs.

Other Charges		Rebate & Surcharge Details	
WRLDC fees & charges amt.	10,704.00 Rs.	Cap. Charges Prev Period	Rs.
Uldc charges	0.00 Rs.	Energy Charges Prev Period	53,967,131.16 Rs.
Poc charges (BSP)	0.00 Rs.	Other Adj. Prev Period	Rs.
Tariff filling fee	0.00 Rs.	Total Applicable	53,967,131.16 Rs.
Miscellaneous charges	6,298,480.00- Rs.	Rebate	%
Total Other Charges billed	6,287,776.00- Rs.	Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	84,127.00 Rs.

पंजीकृत केन्द्रीय कार्यालय : चतुर्थ तल, एनबीसीसी 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

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Bill No. AUG 2021/CSEB

CUSTOMER: CSEB

WESTERN REGION HEADQUARTERS, MUMBAI-400093

AUG 2021

FAX No. (Folio, DGM/Comm) 0771-2259160

Sl. No.	PARTICULARS	MONTHS										AMT (Rs)				
		KSTPS	KSPTS	VSTPS	VSTPS	VSPTS	VSPTS	VSPTS	SIPAT	SIPAT	SIPAT		KSPTS	KSPTS	KSPTS	LARA
01.	Energy scheduled (KWH)	137761125	38026985	0	0	63963708	39408053	19729471	19729471	19729471	19729471	19729471	19729471	19729471	19729471	19729471
02.a.	Energy Charges	14270	140.10	166.30	160.20	159.00	157.00	296.20	296.20	296.20	296.20	296.20	296.20	296.20	296.20	296.20
02.b.	Energy Charge (per KWH)	8303576	58726026	0	0	6546314	56947365	6590822	6590822	6590822	6590822	6590822	6590822	6590822	6590822	6590822
03.	MOFA Charges	196583696	49072778	0	0	101543296	60300643	58833263	58833263	58833263	58833263	58833263	58833263	58833263	58833263	58833263
04.a.	Incentive	7557625	(3645745)	0	0	0	662937	0	662937	662937	662937	662937	662937	662937	662937	662937
04.b.	EDACass on APC	13472926	4452843	0	0	3453507	2712799	0	2712799	2712799	2712799	2712799	2712799	2712799	2712799	2712799
04.c.	EDACass on Sales	20086636	7498735	0	0	0	0	0	0	0	0	0	0	0	0	0
05.	Total (Main Bill) (Rs.)	320738261	116105637	0	0	17545117	120643744	125742205	125742205	125742205	125742205	125742205	125742205	125742205	125742205	125742205
06.	EC Revisions	0	0	0	0	(267667)	(168865)	0	(168865)	(168865)	(168865)	(168865)	(168865)	(168865)	(168865)	(168865)
07.	RUC Charges - June 2021	59568	21317	0	0	29833	17778	17319	17319	17319	17319	17319	17319	17319	17319	17319
08.	RTM Cost Sharing July 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09.	RCE Adjustment VSTPS-1 & Lara (Up to June-21)	0	0	0	0	0	0	(35028)	(35028)	(35028)	(35028)	(35028)	(35028)	(35028)	(35028)	(35028)
10.	Deferred Tax (FY 2020-21)	603370	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	CC Adj. as per ITR REA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.																
13.																
14.																
15.	LC Bill (Gross) (Rs.)	321401199	116126954	0	0	173307283	120492637	124859479	124859479	124859479	124859479	124859479	124859479	124859479	124859479	124859479
16.	Net LC Bill (Gross-Rebate)	321401199	116126954	0	0	173307283	120492637	124859479	124859479	124859479	124859479	124859479	124859479	124859479	124859479	124859479
17.																
		TOTAL PAYABLE for the month														465262461
		NET PAYABLE (Rs.)														465262461

For & on behalf of NTPC Ltd.

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## Fuel Cost Adjustment calculation for the 2nd Bi-Monthly period of FY 2021-22.

All Figures in Rs.

Name of Plant	Jun-21	Jul-21	Total
HTPS	88287557	2,72,49,118	11,55,36,675
DSPM TPS	19117904	2,58,42,810	4,49,60,714
KW Extn	55854098	2,14,68,645	7,73,22,743
MTTPS	-16358790	8,14,44,928	6,50,86,138
<b>Total</b>	<b>14,69,00,769</b>	<b>15,60,05,501</b>	<b>30,29,06,270</b>

RUPEES THIRTY CRORES TWENTY NINE LAKHS SIX THOUSAND TWO HUNDRED SEVENTY 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
Oct-21	5,77,68,338	2,24,80,357	3,86,61,372	3,25,43,069	15,14,53,136
Nov-21	5,77,68,337	2,24,80,357	3,86,61,371	3,25,43,069	15,14,53,134
<b>Total</b>	<b>11,55,36,675</b>	<b>4,49,60,714</b>	<b>7,73,22,743</b>	<b>6,50,86,138</b>	<b>30,29,06,270</b>

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

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

Sl.No.	PARTICULARS	KSTPS	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS	JGPS	SIPAT-1	SIPAT-2	CSEB	VSTPS5	MST-2	SLP	KI-STPS 2	RSTPS	GSTPS	LARA	KHARGONE	AMT (Rs.)
01.	Energy Charges (KWH)	133924238	49998234	0	51901452	40754707	14345586	0	G1.0 G2.0 L : 0	204040202	100130880	23175026	12459373	0	14206640	0	0	0	0	470770612	0	275.000
02.a.	Capacity Charges	82921221	60382700	0	0	59136466	56947365	66662245	0	0	237417283	113788720	36647938	74665051	159024024	19006035	0	188077535	775536152	132592095	2064804840	
02.b.	Energy Charges	19666630	71997457	0	0	82990422	64924237	40397170	0	0	292797690	148939572	37705767	38873244	0	33541877	0	0	0	1051230777	0	2056889043
03.	MOFA Charges								APM : 151.9 N-APM : 0 Lq : 1609.4 RLNG : 763.9 N-APM : 161.9													
04.a.	Incentive	769876	3645745	0	0	0	2522416	0	0	0	12631767	4829336	295093	0	43761	0	0	0	0	8769459	0	40433453
04.b.	ED&Cess on APC	14530220	4706165	0	0	4731705	2906501	0	0	0	17880620	10093635	2075500	0	0	0	0	0	1745405	3389870	832008	93398729
05.	ED&Cess on Sales	21986925	7842818	0	0	0	0	0	0	0	28879502	16292115	0	0	0	0	0	0	0	58224668	0	132626028
06.	Total (Main Bills) Rs.	323402872	148574885	0	0	146858593	126768719	107098413	0	0	593606662	293097378	78724398	113383295	159024034	52591673	0	0	189822940	1927580026	133424103	4390152093
07.	EC Revisions	3453468	1210417	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4663885
08.	RLOC Charges - May-2021 & Prev. Revisions	(83289)	(52614)	0	0	(41891)	(24713)	(24472)	0	0	(124257)	(62738)	(2117)	23857	50860	(66639)	0	43290	222275	36504	(108244)	
09.	Compensation May-2021 (MST-2, KGST & Gaohar) & Mar-21 (KWGPS & JGGPS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10211633
10.	RTM Gain Sharing June-2021	0	0	0	0	0	0	(939521)	0	0	0	0	0	(658122)	0	0	0	0	0	0	0	(1587643)
11.	FERV & Hedging 2020-21	0	0	0	0	0	8019250	8042231	0	0	1965762	15947076	1446353	9473953	0	0	0	0	(248536)	(15149031)	(14363747)	15003311
12.	Compensation June-2021	0	0	0	0	0	0	18124592	0	0	0	0	0	(426475)	0	0	0	0	0	0	0	17698117
13.		0	0	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	0	0
15.	LC Bill (Gross) Rs.	326773051	149732688	0	0	146816702	134763256	132262245	0	0	591448367	293034640	80167934	136300815	163498847	52525034	0	0	189617694	1912731570	121512309	4436185152
16.	Net LC Bill (Gross-Rebate)	326773051	149732688	0	0	146816702	134763256	132262245	0	0	591448367	293034640	80167934	136300815	163498847	52525034	0	0	189617694	1912731570	121512309	4436185152
17.																						
i																						
ii																						
iii																						
TOTAL PAYABLE for the month																						
NET PAYABLE (Rs.)																						
For & on behalf of NTPC Ltd.																						

REBATABLE F 4436185152  
NON-REBATABLE R 0  
Total Bill I 4436185152

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CHHATTISGARH STATE POWER GENERATION COMPANY LIMITED  
(A Govt. of C.G. Undertaking)  
Office of the Executive Director (C&RA)

NO. 03-09/ Bills-15/ 489

Raipur Dtd.

31-Aug-2021

To,

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

E. D.(R.A.& P.M.) C.S.P.D.C.L. Raipur	
Letter Receipt	
No.	3128
Date	02/09/2021

**Sub:** Fuel Cost Adjustment calculation for the 2nd 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. **30,29,06,270** /- for the 2nd Bi-Monthly period of FY 2021-22 (June-21 & July-21). As per CSERC order the above FCA amount shall be claimed in two installments w.e.f. **Oct-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.

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-2nd Bi Monthly of FY 2021-22 (June-2021 & July-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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02/09/21

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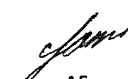
FORMAT-I

Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Korba (West) Thermal Power Station - HTPS

	Description	Unit	Considered in Tariff order	For Month of June-21	For Month of July-21	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.36945609	0.36808594	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.369456	0.368086	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000738912	0.000736172	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.368717	0.367349828	
g	Amount charged by the Coal / Lignite Company	(Rs.)		663662693.58	661201460.85	
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.)		663662693.58	661201460.85	
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	3,239	3,617	
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		1.699	1.521	
v	ECR as considered in Tariff order	Rs/ KWh	1.452	1.452	1.452	
w	Change in ECR (u-v)	Rs/ KWh		0.247	0.069	
aa	Scheduled Generation during the Period	KWh		35,74,39,500	39,49,14,750	
ab	FCA Claim for the Period (wXaa)	Rs		8,82,87,557	2,72,49,118	11,55,36,675

  
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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 June-21	For Month of July-21	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.18197091	0.18129606	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.181971	0.181296	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000363942	0.000362592	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.181607	0.180933408	
g	Amount charged by the Coal / Lignite Company	(Rs.)		32,68,78,640.19	32,56,66,391.21	
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.)		326878640.19	325666391.21	
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	3134.00	3535.00	
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		1.501	1.331	
v	ECR as considered in Tariff order	Rs/ KWh	1.243	1.243	1.243	
w	Change in ECR (u-v)	Rs/ KWh		0.258	0.088	
aa	Scheduled Generation during the Period	KWh		21,64,88,750	24,39,61,880	
ab	FCA Claim for the Period (wXaa)	Rs		5,58,54,098	2,14,68,645	7,73,22,743

  
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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 June-21	For Month of July-21	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.23093948	0.21863111	
b	Adjustment (+/-) in quantity supplied made by (Stock transfer from KTPS)	(MMT)		0.00135200	0.002704	
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.23229148	0.22133511	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000464583	0.000442670	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.231826897	0.220892440	
g	Amount charged by the Coal / Lignite Company	(Rs.)		429454652.32	405226122.21	
h	Adjustment (+/-) in amount charged made by Including stock Transfer from KTPS)	(Rs.)		23,98,432.23	52,18,301.82	
i	Coal Sampling fees	(Rs.)		15,35,594.68		
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		43,33,88,679.23	41,04,44,424.03	
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10^6))	Rs/MT		1869.45	1858.12	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (k+l)	Rs/MT		1869.45	1858.12	
n	Transportation Cost Paid to railways	Rs		48061263	43642802	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		207.32	197.57	
p	Other Charges (per Ton) towards transportation	Rs/MT				
q	Total per ton Transportation Charges (o+p)			207.32	197.57	
r	Landed Price of Coal per MT ((l+q)	Rs./MT	1,921.22	2076.77	2055.69	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,449.20	3563.90	3498.12	
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		1.598	1.611	
y	ECR as considered in Tariff order	Rs/ KWh	1.527	1.527	1.527	
z	Change in ECR (x-y)	Rs/ KWh		0.071	0.084	
aa	Scheduled Generation during the Period	Kwh		26,92,66,250	30,76,52,500	
ab	FCA Claim for the Period (zX aa)	Rs		1,91,17,904	2,58,42,810	4,49,60,714

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Details/Information for Computation of Energy Charge Rates

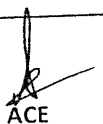
Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Marwa Thermal Power Plant - ABVTPS ( consolidated =&gt; SECL + GP III )

	Month	Unit	Considered in Tariff order	For Month of June-21	For Month of July-21	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.315292840	0.300097500	
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)		0.31529284	0.30009750	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.002522343	0.002400780	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.312770497	0.297696720	
g	Amount charged by the Coal / Lignite Company	(Rs.)		449938859.130	362835754.080	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-124329101.890	5922695.370	
i	Coal Sampling Fes	( Rs.)		18,66,662.36		
j	Net amount Charged by Coal Company (g+h+i)	( Rs.)		327476419.60	368758449.45	
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10^6))	Rs/MT		1047.02	1238.71	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		1047.02	1238.71	
n	Transportation Cost Paid to railways	Rs		97766893.00	87036135.00	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		312.58	292.37	
p	Road Charges (per Ton) towards transportation	Rs/MT		469.25	612.27	
q	Total per ton Transportation Charges (o+p)			781.83	904.64	
r	Landed Price of Coal per MT ((m+q)	Rs./MT	1,535	1,828.85	2,143.35	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,280.29	3,440	3,182	
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		1.331	1.687	
y	ECR as considered in Tariff order	Rs/ KWh	1.373	1.373	1.373	
z	Change in ECR (x-y)	Rs/ KWh		-0.042	0.314	
aa	Scheduled Generation during the Period	Kwh		38,94,95,000	25,93,78,750	
ab	FCA Claim for the Period (vX z)	Rs		-1,63,58,790	8,14,44,928	


  
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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 June-21	For Month of July-21
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.137404870	0.080871870
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-		
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.13740487	0.08087187
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.001099239	0.000646975
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.136305631	0.080224895
g	Amount charged by the Coal / Lignite Company	(Rs.)		245386595.65	146693481.80
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-12,43,29,101.89	59,22,695.37
i	Coal Sampling Fes	( Rs.)			
j	Net amount Charged by Coal Company (g+h+i)	( Rs.)		121057493.76	152616177.17
k	Rate of Coal for the period Charged by Coal Company =(j/(fX10^6))	Rs/MT		888.13	1902.35
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		888.13	1902.35
n	Transportation Cost Paid to railways	Rs		53195361.00	31661874.00
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		390.27	394.66
p	Road Charges (per Ton) towards transportation	Rs/MT			
q	Total per ton Transportation Charges (o+p)			390.27	394.66
r	Landed Price of Coal per MT ((m+q)	Rs./MT	1,535	1,278.40	2,297.01
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 June-21	For Month of July-21
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.177887970	0.219225630
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-		
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.17788797	0.21922563
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.001423104	0.001753805
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.176464866	0.217471825
g	Amount charged by the Coal / Lignite Company	(Rs.)		204552263.48	216142272.28
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.)		204552263.48	216142272.28
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10^6))	Rs/MT		1159.17	993.89
l	Rate of Bonus payable to Coal Company	Rs/MT			
m	Net Rate of coal paybale to coal compnay (k+l)	Rs/MT		1159.17	993.89
n	Transportation Cost Paid to railways	Rs		44571532.00	55374261.00
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		252.58	254.63
p	Road Charges (per Ton) towards transportation	Rs/MT		831.71	838.14
q	Total per ton Transportation Charges (o+p)			1084.29	1092.77
r	Landed Price of Coal per MT ((m+q)	Rs./MT	1,535	2,243.46	2,086.66
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 III Collieries limited" .

  
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Details/Information for Computation of Energy Charge Rates for FCA for -- JUNE ' 2021

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the Company : Chhattisgarh State Power Generation Company Limited

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

Month	Unit	Considered in Tariff order	Jun-21	
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.36945609
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)	-	0.36945609
d	Normative Transit & Handling Losses	%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)	-	
f	Net coal / Lignite Supplied (c-e)	(MMT)	-	
g	Amount charged by the Coal / Lignite Company	(Rs.)	-	66,36,62,693.58
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)	-	
i	Net amount Charged by Coal Company (g+h)	(Rs.)	-	66,36,62,693.58
j	Rate of Coal for the period Charged by Coal Company = $(i/(f*10^6))$	Rs/MT		
k	Rate of Bonus payable to Coal Company	Rs/MT		
l	Net Rate of coal payable to coal company (j+k)	Rs/MT		
m	Transportation Charge per Ton	Rs/MT		
n	Landed Price of Coal per MT (l+m)	Rs./MT		
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3406.33	
p	Normative SHR	Kcal/ KWh	2650	
q	Normative Specific Oil Consumption	ml/ KWh	0.8	
r	GCV of Secondary Fuel (Oil)	Kcal/ml	10	
s	Normative Auxiliary Consumption	%	9.70	
t	ECR for the Period = $((p-(qxr))/(o)*(n/1000)/(1-s))$	Rs/ KWh		
u	ECR as considered in Tariff order	Rs/ KWh	1.452	
v	Change in ECR (t-u)	Rs/ KWh		
w	Net Generation during the Period	KWh		
x	FCA Claim for the Period (vXw )	Rs		

NOTE--

1. Values to be filled in shded cells only . Adjustment towards all other parameters shall be taken care of at the time of True Up.
2. Other cells carry either computed values or fixed values.
3. For computed values formula have been indicated in the particulars column.
4. ECR to be worked out to third digit decimal.

  
 Executive Engineer  
 HTPS, CSPGCL, Korba West

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Details/Information for Computation of Energy Charge Rates for FCA for -- JUNE ' 2021

Name of the Company : Chhattisgarh State Power Generation Company Limited  
 Name of the Power Station : HASDEO THERMAL POWER STATION: Korba (West) (1x500MW)

	Month	Unit	Considered in Tariff order	Jun-21
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.18197091
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)	-	0.18197091
d	Normative Transit & Handling Losses	%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)	-	
f	Net coal / Lignite Supplied (c-e)	(MMT)	-	
g	Amount charged by the Coal / Lignite Company	(Rs.)	-	32,68,78,640.19
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)	-	-
i	Net amount Charged by Coal Company (g+h)	(Rs.)	-	32,68,78,640.19
j	Rate of Coal for the period Charged by Coal Company = $(i/(f*10^6))$	Rs/MT		
k	Rate of Bonus payable to Coal Company	Rs/MT		
l	Net Rate of coal payable to coal compnay (j+k)	Rs/MT		
m	Transportation Charge per Ton	Rs/MT		
n	Landed Price of Coal per MT (l+m)	Rs./MT		
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3406.33	
p	Normative SHR	Kcal/ KWh	2375	
q	Normative Specific Oil Consumption	ml/ KWh	0.5	
r	GCV of Secondary Fuel (Oil)	Kcal/ml	10	
s	Normative Auxiliary Consumption	%	5.25	
t	ECR for the Period= $((p-(qxr))/(0)*(n/1000)/(1-s))$	Rs/ KWh		
u	ECR as considered in Tariff order	Rs/ KWh	1.243	
v	Change in ECR (t-u)	Rs/ KWh		
w	Net Generation during the Period	KWh		
x	FCA Claim for the Period (vXw )	Rs		

NOTE--

1. Values to be filled in shded cells only . Adjustment towards all other parameters shall be taken care of at the time of True Up.
2. Other cells carry either computed values or fixed values.
3. For computed values formula have been indicated in the particulars column.
4. ECR to be worked out to third digit decimal.

  
 Executive Engineer  
 HTPS, CSPGCL, Korba West