

O/C CE (EITC)
Receipt No.
Date 3-MAY-2020
DGM (IT)/SE (O) / SE-1
EE web
Section

CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LIMITED

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

CIN U40108CT2003SGC015822

OFFICE OF CHIEF ENGINEER (RA&PM), CSPDCL,

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

Phone (0771) 2574441, Fax (0771) 2574442



No.02-02/SE-I/VCA/ 182

Raipur, Dt: 13/05/2020

To,

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

Sub: Computation of VCA charge in respect of Feb'2020 & March '2020 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 Feb'2020 & March '2020 is computed and shown in the table below:

Sr. No.	Category of consumers	Rate of VCA charge to be recovered
1	DLF consumers up to 100 units	Rs. 0.17 per unit
2	DLF consumers 101 to 200 units	Rs. 0.18 per unit
3	DLF consumers above 200 units	Rs. 0.37 per unit
4	Agriculture Consumers	Rs. 0.37 per unit
5	Rest all categories	Rs. 0.37 per unit

These VCA charges are recoverable from electricity consumers for the consumption in the months of May'2020 and June'2020 payable in the months of June'2020 and July'2020 respectively. The calculation-sheet as provided in the regulation is also attached herewith for favour of reference demonstrating the manner of such determination.

Encl.: As above.

Chief Engineer (RA&PM)

CSPDCL: Raipur

Not in original: -

Copy to:

- 1) The Executive Director (EITC), CSPDCL, Raipur: For favour of information and with advise to make all arrangements in SAP system to bill all HT/LT consumers at the prescribed VCA rates for the consumption in the months of May'2020 and June'2020 payable in the months of June'2020 and July'2020 respectively. It is further advised to display the computation-sheet as well as VCA rates in company's website immediately for wide publicity and make all arrangements to display the same till truing-up of ARR of FY 2019-20 completes.
- 2) The Chief Engineer (O&M) CSPDCL, Raipur.
- 3) The Executive Director (BR)/(RRR)/(RJR-R)/(JR)/(DR) CSPDCL Bilaspur/Raipur/Rajnandgaon/Jagdapur/Durg.
- 4) The Chief Engineer (Rev.)/(AR)/(RCR)/(RGR-R)/ CSPDCL, Ambikapur/Raipur/Raigarh.
- 5) The Superintending Engineer (O&M)/(City Circle)/(MT) CSPDCL Raipur I/II, Mahasamund/Balodabazar/Durg/Bilaspur/Raigarh/JanjgirChampa/Korba/Jagdapur/Kanker/Rajnandgoan/Ambikapur/Kawardha/Baikunthpur.
- 6) The Executive Engineer (AMR Cell) CSPDCL, Raipur.
- 7) The Sr. Accounts Officer I/II, CSPDCL, Raipur/Bilaspur/Durg/Ambikapur/Jagdapur/Rajnandgoan/Champa.

Computation of VCA Charges (5th bi-monthly period of FY 2019-20)

(A) CHFC: -

(6th Bi-monthly period of 2019-2

Month	KTPS	HTPS	DSPM TPS	Korba(W)Extn.	Total Amt. in Rs.
Feb-20	1,89,60,996	13,81,009	-5,72,16,443	-	-3,68,74,438
Mar-20	46,63,253	-3,75,01,008	1,82,98,680	-1,86,91,336	-3,32,30,411
Total	2,36,24,249	-3,61,19,999	-3,89,17,763	-1,86,91,336	-7,01,04,849

(B) CHPP:

- (i) Total units purchased from NTPC and NSPCL : 1,74,38,40,667 KWh ✓
- (ii) Amount paid against units purchased : Rs. 7,05,62,33,141 ✓
- (iii) Rate per unit : Rs. 4.05 /KWh ✓
- (iv) Average rate approved by CSERC for purchase of power from Central generating stations (NTPC & NSPCL only) : Rs. 3.11 /KWh ✓
- (v) Diff. in rate (iii-iv) : Rs. 0.94 /KWh ✓
- (vi) CHPP (in Rs.) (i)x(v) : Rs. 163,92,10,227/- ✓
- C. Gross VCA (A+B) in Rs : Rs. 156,91,05,378/- ✓
- D. Total quantum of power purchased during the period : 5,02,67.93,129 Kwh
- E. Quantum of power purchased for sale to retail consumers of the State : 4,27,24,29,619 KWh
- F. Allowable VCA (in Rs.) $[C*(E/D)]$: Rs. 133,36,32,023
- G. Normative transmission & distribution losses as specified in Tariff order : 16.58%
- H. Allowable VCA Charges (Rs./Kwh) $(F/E*(1-G))$: Rs. 0.37 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. 0.37 per unit |
| 4 | Agriculture Consumers | Rs. 0.37 per unit |
| 5 | Rest all categories | Rs. 0.37 per unit |

To be recovered from energy bill for the consumption in the months of May'2020 and June'2020 payable in the months of June'2020 and July'2020 respectively.

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265

Computation of Qpp and Qrs (6th Bi-monthly of FY 2019-20)

S No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	Q ₁	2460157500	Kwh
2	Quantum of actual power purchased from CSPGCL hydro Power stations(Bango)	Q ₂	24632653	Kwh
3	Quantum of actual power purchased from CSPGCL Renewable Power stations(Small Hydro Station of CSPGCL + CoGen Kawardha)	Q ₃	7023666	Kwh
4	Quantum of scheduled power purchased from CGs at state periphery (CSPTrdCL+NTPC+NSPCL+NPCIL+OHPCL+NHPCL+Bundle Power+SECI)	Q ₄	2264276645	Kwh
5	PGCIL actual losses for the bi-monthly period	L1	2.64%	
6	Quantum of scheduled power purchased from CGs at state periphery	Q ₅ =Q ₄ (1-L1)	2204499742	Kwh
7	Quantum of actual power purchased from Renewable energy Sources	Q ₆	211463075	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	77375000	Kwh
10	Quantum of scheduled short term purchased through inter-state route at the State periphery (IEX)	Q ₉ =Q ₈ (1-L1)	75332300	Kwh
11	Quantum of power purchased from other Sources(if any)(Short term + Border Village+Un schduled)	Q ₁₀	43684193	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	5026793129	Kwh
13	Normative transmission and distribution losses as specified in the Tariff order	L	16.58%	
14	Quantum of power scheduled for interstate sale(Sale through IEX+Sale to Telangana)	Q _{PT}	754363510	Kwh
15	Quantum of power purchased for sale to retail consumers of the State	Q _{RS} =Q _{pp} -Q _{PT}	4272429619	Kwh

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Computation of CHPP

S.No.	Particulars		
1	Scheduled energy purchased from CGs during 6th bi-monthly period	Kwh	1,74,38,40,667
2	Amount paid against units purchased	Rs.	7,05,62,33,141
3	Average rate of power purchase	Rs./Kwh	4.05
4	Average rate of Power Purchase as per Tariff Order	Rs./Kwh	3.11
5	Difference in the average rate of PP	Rs./Kwh	0.94
6	CHPP(Change in the cost of power purchased from CGs)	Rs.	1639210227

Computation of VCA (6th Bi-monthly period of FY 2019-20)

S.No.	Particulars		
1	CHFC		Rs. -70104849
2	CHPP		Rs. 1639210227
3	Gross VCA(sub total in Rs.)	CHFC+CHPP	Rs. 1569105378
4	Allowable VCA(in Rs.)	Gross VCA (in Rs.) $\times \frac{\text{O}_{\text{RS}}}{\text{O}_{\text{CHPP}}}$	Rs. 1333632023
5	Allowable VCA(in Rs./Kwh)	Allowable VCA (in Rs.)/[O _{RS} *(1-L)]	Rs./kwh 0.27

(969)

REF: REA/2020/20
 Bill No. WR-19-20-CSTP

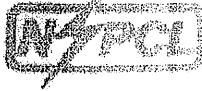
DATED: 4-Mar-20
 DATE: 6-Mar-20

WESTERN REGION HEADQUARTERS, MUMBAI-400093
 L.C. BILL RAISED IN THE MONTH OF MARCH 2020

CUSTOMER: CSBE

FAX to: M. Anil Pale, DGM(Comm)
 0771 - 229160

S.No.	PARTICULARS	KSTPS	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS	JGPS	SIPAT-1	SIPAT-2	VSTPS5	MST-2	SLP	KNSTPS 2	Gadawara	Lara	Khargone	AMT(Rs)
01	Energy scheduled (KWH)	10230560	4807356	0	0	45542997	38239849	13229474	G10 G20 L : 0	G10 G20 N-ARM: 0 Lq : 1514 RLNG: 742 710.7	204191771	102066336	25178734	23309441	4159328	1680543	14909779	233932990	25719356	
02	Energy Charges (KWH)	138.10	135.50	175.60	169.10	169.00	165.60	314.30			149.80	171.20	311.00	320.10	216.90	304.40	239.10	292.00		
03	Capex Charges	602.9695	531.8955	0	0	53246.00	55054972	39623983	0	0	240352878	113801541	38641107	75601561	157299843	19006035	87854664	551292899	76543993	1693883985
04	MOX Charges	0	0	0	0	165162.35	6340.873	41580237	0	0	296894835	152993371	43105993	78712362	13314009	36013085	45395567	559333779	75100520	1688674152
05	EDC Loss on Avg	1426547.1	493604.3	0	0	59933617	7332643	0	0	0	18819441	9161606	1704723	0	0	0	1716056	20397223	34081970	77101678
06	EDC Loss on Sevg	263547.1	7339599	0	0	0	0	0	0	0	31290638	14989306	0	0	0	0	0	0	0	108450324
07	Total (Main Billed)	25145667	13911947	0	0	137958331	122632288	110204100	0	0	587337792	297866935	84854551	154344213	117212452	55019120	134935787	1165105861	151644513	3563390331
08	REAEGR Rven - Janam-2020	15612701	4386871	0	0	0	0	0	0	0	0	0	0	0	0	126086	0	0	0	16125658
09	Compensation - CERC order	05.05.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	RDDC Chs-January 2020	47708	17036	0	0	23582	14256	7979440	0	0	71107	35888	9124	19227	36091	16895	9329760	90360	0	28386304
11	EGR Rvs-SPT/KSP/Lara & W	0	0	0	0	0	0	14200	0	0	0	0	0	0	0	0	0	0	0	413708
12	MST	0	0	0	0	0	0	114181	0	0	31107336	16270704	0	6939	0	0	0	720549	0	54818629
13																				0
14																				0
15	LC SH (Gross)	252305854	142313248	0	0	137981913	122562284	118311921	0	0	618536235	314173507	84883875	159951500	176818446	55162101	144299803	1172516770	151644513	3663135630
16	Net LC Bill (Gross)	262808654	143515618	0	0	137381913	122562284	118311921	0	0	618536235	314173507	84883875	159951500	176818446	55162101	144299803	1172516770	151644513	3663135630
17	Net LC Bill (Gross)	262808654	143515618	0	0	137381913	122562284	118311921	0	0	618536235	314173507	84883875	159951500	176818446	55162101	144299803	1172516770	151644513	3663135630
18	Net LC Bill (Gross)	262808654	143515618	0	0	137381913	122562284	118311921	0	0	618536235	314173507	84883875	159951500	176818446	55162101	144299803	1172516770	151644513	3663135630
19	Net LC Bill (Gross)	262808654	143515618	0	0	137381913	122562284	118311921	0	0	618536235	314173507	84883875	159951500	176818446	55162101	144299803	1172516770	151644513	3663135630
20	Net LC Bill (Gross)	262808654	143515618	0	0	137381913	122562284	118311921	0	0	618536235	314173507	84883875	159951500	176818446	55162101	144299803	1172516770	151644513	3663135630
21	Net LC Bill (Gross)	262808654	143515618	0	0	137381913	122562284	118311921	0	0	618536235	314173507	84883875	159951500	176818446	55162101	144299803	1172516770	151644513	3663135630
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24	Net LC Bill (Gross)	262808654	143515618	0	0	137381913	122562284	118311921	0	0	618536235	314173507	84883875	159951500	176818446	55162101	144299803	1172516770	151644513	3663135630
25	Net LC Bill (Gross)	262808654	143515618	0	0	137381913	122562284	118311921	0	0	618536235	314173507	84883875	159951500	176818446	55162101	144299803	1172516770	151644513	3663135630
26	Net LC Bill (Gross)	262808654	143515618	0	0	137381913	122562284	118311921	0	0	618536235	314173507	84883875	159951500	176818446	55162101	144299803	1172516770	151644513	3663135630
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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 : 01.02.2020 - 29.02.2020

Bill Date : 05.03.2020

Bill No. 6300199

Beneficiary Name : Chhatisgarh State Power

GSTIN Of Beneficiary : 22AADCC6047K1ZR

Station Data		Beneficiary Data	
PAFM	61.5180 %	Energy Schd.	4,852,842.00 kwh
NAPAF	85.000 %		

Energy Charge Rate (ECR)		(GHR - SFC x CVSF x LPPF / CVPF + SFC x LPSFI + LC x 1.1PL) x 100 / (100 - AUX)	
ECR	3.1130 Rs/kwh		

Base Values		Month Values	
AUX	9.000 %	CVSF	9.9620 Kcal/ml
GHR	2415.000 kCAL/kwh	LPPF	4.0388 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3543.663 kCal/Kg
		LPSFI	Rs/ml

ED / Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	177,465,800.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kvah
SAIL TEED	kwh	ED Rate on APC	0.607 Rs./kwh
		Energy Schd. for Benf.	4,852,842.00 kwh
Total	177,465,800.00 kwh	ED/Cess/Taxes Amt.	242,642.00 Rs.
		ED on APC Amt.	201,708.00 Rs.

Provisional Bill Period		Final Previous Period	
APC excl. Colony Cons.	12,152,128.00 kwh	Plant APC excl. Colony	19,238,010.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	332,302.66 kwh	Applicable APC for ED	716,092.27 kwh

Provisional Previous Period			
APC excl. Colony	19,238,010.00 kwh	Difference	kwh
Power factor	1.0000		
Appl. APC for ED	716,092.27 kwh	Appl. APC ED (Curr. Bill)	332,302.66 kwh

Adjustment due to Revised ECR		Adjustment due to Revised REA	
EGR-Prev. Period	3.4480 Rs./kwh	EGR-Rev Prev. Period	3.4650 Rs./kwh
EGR-Rev. Prev. Period	3.4650 Rs./kwh	Schd. Energy (last bill)	8,410,548.00 kwh
Difference	0.017 Rs./kwh	Schd. Energy (REA)	8,410,548.00 kwh
Energy Schd Prev Period	8,410,548.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	142,979.32 Rs.	Adj. due to Rev. Energy	0.00 Rs.

Other Charges		Rebate & Surcharge Details	
WRLDC fees & charges amt.	11,505.00 Rs.	Cap. Charges Prev Period	Rs.
Total Other Charges billed	11,505.00 Rs.	Energy Charges Prev Period	28,999,570.50 Rs.
		Other Adj. Prev Period	Rs.
		Total Applicable	28,999,570.50 Rs.
		Rebate	%
		Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	0.00 Rs.

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

दूरभाष / Tel: 011-26717378-79-80-82, 26172273/ Fax: 011- 26717364, 26717365, 26717366, 26717381

Registered Corporate Office: 4th Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi-110066



एनटीपीसी-सेल पावर कंपनी लिमिटेड

(एनटीपीसी और सेल का संयुक्त उपक्रम)

NTPC-SAIL Power Company Limited

(A joint venture of NTPC & SAIL)

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

Energy Bill : 01.03.2020 - 31.03.2020

Bill Date : 04.04.2020

Bill No. 6300203

Beneficiary Name : Chhatisgarh State Power

GSTIN Of Beneficiary : 22AADCC6047K1ZR

Station Data		Beneficiary Data	
PAFM	92.2093 %	Energy Schd.	8,394,781.00 kwh
NAPAF	85.000 %		

Energy Charge Rate (ECR)		Formula	
ECR	3.0240 Rs/kwh	$(GHR - SFC \times CVSF) \times LPPF / CVPF + GRC \times LPSFI + LC \times LPI \times 100 / (100 - AUX)$	

Base Values		Month Values	
AUX	9.000 %	CVSF	9.9070 Kcal/ml
GHR	2415.000 kCAL/kwh	LPPF	3.7785 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3416.788 kCal/Kg
		LPSFI	Rs/ml

ED / Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	230,112,785.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kwh
SAIL TEED	kwh	ED Rate on APC	0.607 Rs./kwh
Total	230,112,785.00 kwh	Energy Schd. for Benf.	8,394,781.00 kwh
		ED/Cess/Taxes Amt.	419,739.00 Rs.
		ED on APC Amt.	390,745.00 Rs.

Provisional Bill Period		Final Previous Period	
APC excl. Colony Cons.	17,645,594.00 kwh	Plant APC excl. Colony	12,152,128.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	643,731.71 kwh	Applicable APC for ED	332,302.66 kwh
		Difference	kwh
		Appl. APC ED (Curr. Bill)	643,731.71 kwh

Provisional Previous Period		Adjustment due to Revised REA	
APC excl. Colony	12,152,128.00 kwh	ECR-Rev. Prev. Period	3.1500 Rs./kwh
Power factor	1.0000	Schd. Energy (last bill)	4,852,842.00 kwh
Appl. APC for ED	332,302.66 kwh	Schd. Energy (REA)	4,852,842.00 kwh
		Diff. of Sched. Energy	kwh
		Adj. due to Rev. Energy	0.00 Rs.

Adjustment due to Revised ECR		Rebate & Surcharge Details	
ECR Prev. Period	3.1130 Rs./kwh	Cap. Charges Prev Period	Rs.
ECR-Rev. Prev. Period	3.1500 Rs./kwh	Energy Charges Prev Period	15,106,896.15 Rs.
Difference	0.037 Rs./kwh	Other Adj. Prev Period	Rs.
Energy Schd Prev Period	4,852,842.00 kwh	Total Applicable	15,106,896.15 Rs.
Oth Adj due to ECR Rev.	179,555.15 Rs.	Rebate	1.000 %
		Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	35,692.00 Rs.

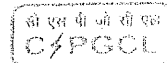
पंजीकृत कार्यालय : बकुल तल, एनटीपीसी पावर, 15, भिकजी कामा प्लेस, नई दिल्ली - 110066

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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RA&PM/CSPDCL
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06.05.2020



CHHATTISGARH STATE POWER GENERATION COMPANY LIMITED
(A Govt. of C.G. Undertaking)

Office of the Executive Director (C&RA)

NO. 03-09/ Bills-15/ 247

Raipur Dtd.

5-May-2020

To:


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

Sub: Fuel Cost Adjustment calculation for the 6th Bi-Monthly period of FY 2019-20.

- Ref:
- 1) CSERC MYT Regulations-2015.
 - 2) CSERC tariff order dtd. 31/03/2017
 - 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. 93,288,728 /- for the 6th Bi-Monthly period of FY 2019-20 (Feb-19 & Mar-20). As per CSERC order the above FCA amount shall be claimed in two installments w.e.f. Jun-20

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-6th Bi Monthly of FY 2019-20 Feb-2020 to Mar-2020)
- 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

(245)

Fuel Cost Adjustment calculation for the 6th Bi-Monthly period of FY 2019-20.

All Figures in Rs.

Name of Plant	Feb-20	Mar-20	Total
KTPS	18960996	4,663,253	23,624,249
HTPS	1381009	-37,501,008	-36,119,999
DSPM TPS	-57216443	18,298,680	-38,917,763
KW Extn	0	-18,691,336	-18,691,336
MTTPS	91554986	71,838,591	163,393,577
Total	54,680,548	38,608,180	93,288,728

RUPEES NINE CRORES THIRTY TWO LAKHS EIGHTY EIGHT THOUSAND SEVEN HUNDRED TWENTY EIGHT 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
Jun-20	11,812,125	-18,060,000	-19,458,882	-9,345,668	81,696,789	46,644,364
Jul-20	11,812,124	-18,059,999	-19,458,881	-9,345,668	81,696,788	46,644,364
Total	23,624,249	-36,119,999	-38,917,763	-18,691,336	163,393,577	93,288,728

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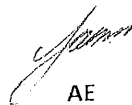
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Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited

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

Description	Unit	Considered in Tariff order	For Month of Feb-20	For Month of Mar-20	Total for period
a) Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.101602600	0.102567050	
b) Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)		-0.0974557	-0.061792	
c) Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.004146900	0.040775050	
d) Normative Transit & Handling Losses	%	1.15%	1.15%	1.15%	
e) Normative Transit & Handling Losses (cXd)	(MMT)		0.000047689	0.000468913	
f) Net coal / Lignite Supplied (c-e)	(MMT)		0.004099211	0.040306137	
g) Amount charged by the Coal / Lignite Company	(Rs.)		170,205,252.67	171,820,904.78	
h) Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-162,901,928.75	-103,403,563.63	
i) Net amount Charged by Coal Company (g+h)	(Rs.)		7,303,323.92	68,417,341.15	
j) Rate of Coal for the period Charged by Coal Company = (i/(f*10^6))	Rs/MT		1781.64	1697.44	
k) Rate of Bonus payable to Coal Company	Rs/MT				
l) Net Rate of coal payable to coal company (j+k)	Rs/MT		1781.64	1697.44	
m) Transportation Charge per Ton	Rs/MT	177.98	177.98	177.98	
n) Landed Price of Coal per MT (l+m)	Rs./MT	1,641.03	1959.62	1875.42	
o) Average GCV of coal / Lignite as fired	(kCal/Kg)	3,080.85	3,331	3,406.00	
p) Normative SHR	Kcal/ KWh	3,110	3,110	3,110	
q) Normative Specific Oil Consumption	ml/ KWh	2.00	2.00	2.00	
r) GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
s) Normative Auxiliary Consumption	%	11.25	11.25	11.25	
t) ECR for the Period = ((p-(qxr))/(0)*(n/1000))/(1-s)	Rs/ KWh		2.048	1.917	
u) ECR as considered in Tariff order	Rs/ KWh	1.855	1.855	1.855	
v) Change in ECR (t-u)	Rs/ KWh		0.193	0.062	
w) Scheduled Generation during the Period	KWh		98,243,500	75,213,750	
aa) FCA Claim for the Period (vXw)	Rs		18,960,996	4,663,253	23,624,249



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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 Feb 20	For Month of Mar 20	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.397461	0.379039	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.397461	0.379039	
d	Normative Transit & Handling-Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000794922	0.000758078	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.396666078	0.378280922	
g	Amount charged by the Coal /Lignite Company	(Rs.)		709024428.80	676161482.70	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)			-60992394.74	
i	Net amount Charged by Coal Company (g+h)	(Rs.)		709024428.80	615169087.96	
j	Rate of Coal for the period Charged by Coal Company = $(i/(f \cdot 10^6))$	Rs/MT		1787.46	1626.22	
k	Rate of Bonus payable to Coal Company	Rs/MT				
l	Net Rate of coal payable to coal compnay (j+k)	Rs/MT	1,609.77	1787.46	1626.22	
m	Transportation Charge per Ton	Rs/MT	80.75	80.75	80.75	
n	Landed Price of Coal per MT (l+m)	Rs./MT	1,690.52	1,868.21	1,706.97	
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,406.33	3,758	3,683	
p	Normative SHR	Kcal/ KWh	2,650.00	2,650	2,650	
q	Normative Specific Oil Consumption	ml/ KWh	0.80	0.80	0.80	
r	GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
s	Normative Auxiliary Consumption	%	9.70	9.70	9.70	
t	ECR for the Period= $((p-(qxr))/(0)*(n/1000))/(1-s)$	Rs/ KWh		1.455	1.356	
u	ECR as considered in Tariff order	Rs/ KWh	1.452	1.452	1.452	
v	Change in ECR (t-u)	Rs/ KWh		0.003	-0.096	
w	Scheduled Generation during the Period	KWh		460,336,250	390,635,500	
x	FCA Claim for the Period (vXw)	Rs		1381009	-37501008	-36,119,999


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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 Exin

	Description	Unit	Considered in Tariff order	For Month of Feb-20	For Month of Mar-20	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.195765	0.186691	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.195765	0.186691	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000391530	0.000373382	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.195373470	0.186317618	
g	Amount charged by the Coal / Lignite Company	(Rs.)		349,221,002.70	333,034,760.18	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)			-30041030.26	
i	Net amount Charged by Coal Company (g+h)	(Rs.)		349221002.70	302993729.92	
j	Rate of Coal for the period Charged by Coal Company = (i/(f*10 ⁶))	Rs/MT		1787.45	1626.22	
k	Rate of Bonus payable to Coal Company	Rs/MT				
l	Net Rate of coal payable to coal company (j+k)	Rs/MT	1,609.77	1787.45	1626.22	
m	Transportation Charge per Ton	Rs/MT	80.75	80.75	80.75	
n	Landed Price of Coal per MT (l+m)	Rs./MT	1,690.52	1,868.20	1,706.97	
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,400.59	0.00	3642.00	
p	Normative SHR	Kcal/ KWh	2,375	2,375	2,375	
q	Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
r	GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
s	Normative Auxiliary Consumption	%	5.25	5.25	5.25	
t	ECR for the Period= (((p-(qxr))/(0)*(n/1000))/(1-s)	Rs/ KWh			1.172	
u	ECR as considered in Tariff order	Rs/ KWh	1.243	1.243	1.243	
v	Change in ECR (t-u)	Rs/ KWh			-0.071	
w	Scheduled Generation during the Period	KWh		0	263,258,250	
x	FCA Claim for the Period (vXw)	Rs		0	-18,691,336	-18,691,336

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Details/Information for Computation of Energy Charge Rates

Name of the Company: Ghatsigarh 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 Feb-20	For Month of Mar-20	Total for period
a Quantity of Coal / Lignite supplied by Coal/Lignite	(MMT)		0.19880517	0.22376846	
b Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)		0.09745570	0.061792	
c Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.29626087	0.28556046	
d Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e Normative Transit & Handling Losses (cXd)	(MMT)		-0.000592522	0.000571121	
f Net coal / Lignite Supplied (c-e)	(MMT)		0.295668348	0.284989339	
g Amount charged by the Coal / Lignite Company	(Rs.)		360712024.33	428167464.04	
h Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		84,347,803.65	74,357,440.98	
i Net amount Charged by Coal Company (g+h)	(Rs.)		445,059,827.98	502,524,905.02	
j Rate of Coal for the period Charged by Coal Company = (i/(fX10^6))	Rs/MT		1505.27	1763.31	
k Rate of Bonus payable to Coal Company	Rs/MT				
l Net Rate of coal payable to coal compnay (j+k)	Rs/MT		1505.27	1763.31	
m Transportation Cost Paid to railways	Rs		57371179.00	64248480.00	
n Transportation Charge rate paid to Railways (m/(fX10^6))	Rs/MT		194.04	225.44	
o Other Charges (per Ton) towards transportation	Rs/MT				
p Total per ton Transportation Charges (n+o)			194.04	225.44	
q Landed Price of Coal per MT ((l+p)	Rs./MT	1,921.22	1699.31	1988.75	
r Average GCV of coal / Lignite as fired	(kCal/Kg)	3,449.20	3481.16	3432.28	
s Normative SHR	Kcal/ KWh	2,500	2,500	2,500	
t Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
u GCV of Secondary Fuel (Oil)	Kcal/ml	10.00	10.00	10.00	
v Normative Auxiliary Consumption	%	9.00	9.00	9.00	
w ECR for the Period= ((s-(txu))/(r)*(q/1000))/(1-v)	Rs/ KWh		1.338	1.589	
x ECR as considered in Tariff order	Rs/ KWh	1.527	1.527	1.527	
y Change in ECR (w-x)	Rs/ KWh		-0.189	0.062	
z Scheduled Generation during the Period	Kwh		302,732,500	295,140,000	
aa FCA Claim for the Period (yX z)	Rs		-57,216,443	18,298,680	-38,917,763


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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 : Manwa Thermal Power Plant - MTPP

Monthly	Unit	Considered in Tariff order	For Month of Feb-20	For Month of Mar-20	Total for period
Quantity of Coal/ Lignite supplied by Coal/Lignite Company	(MMT)		0.192439250	0.197391490	
Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)		0.000000000	0.000000000	
Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.19243925	0.19739149	
d Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e Normative Transit & Handling Losses (cXd)	(MMT)		0.001539514	0.001579132	
Net coal / Lignite Supplied (c-e)	(MMT)		0.190899736	0.195812358	
g Amount charged by the Coal / Lignite Company	(Rs.)		369231173.06	385624187.61	
h Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		4,109,398.31	-25,248,068.00	
Net amount Charged by Coal Company (g+h)	(Rs.)		373340571.37	360376119.61	
i Rate of Coal for the period Charged by Coal Company = (i/(fX10^6))	Rs/MT		1955.69	1840.42	
k Rate of Bonus payable to Coal Company	Rs/MT				
l Net Rate of coal payable to coal compnay (j+k)	Rs/MT		1955.69	1840.415055	
m Transportation Cost Paid to railways	Rs		58934881.00	61408119.00	
n Transportation Charge rate paid to Railways (m/(fX10^6))	Rs/MT		308.72	313.60	
o Road Charges (per Ton) towards transportation	Rs/MT			42.05	
p Total per ton Transportation Charges (n+o)			308.72	355.65	
q Landed Price of Coal per MT ((l+p)	Rs./MT	1,535	2,264.41	2,196.07	
r Average GCV of coal / Lignite as fired	(kCal/Kg)	3,280.29	3,359	3,383.00	
Normative SHR	Kcal/ KWh	2,378	2,378	2,378	
t Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
u GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
v Normative Auxiliary Consumption	%	5.25	5.25	5.25	
w ECR for the Period= ((s-(txu))/(r)*(q/1000)/(1-v)	Rs/ KWh		1.688	1.626	
x ECR as considered in Tariff order	Rs/ KWh	1.373	1.373	1.373	
y Change in ECR (w-x)	Rs/ KWh		0.315	0.253	
z Scheduled Generation during the Period	Kwh		290,650,750	283,947,000	
aa FCA Claim for the Period (yX z)	Rs		91,554,986	71,838,591	163,393,577

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Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Marwa Thermal Power Plant - MTPP - SECL

	Month	Unit	Considered in-Tariff order	For Month of Feb-20	For Month of Mar-20	0
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.192439250	0.18604515	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.19243925	0.18604515	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.001539514	0.001488361	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.190899736	0.184556789	
g	Amount charged by the Coal / Lignite Company	(Rs.)		369231173.06	366595194.50	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		4,109,398.31	25,248,068.00	
i	Net amount charged by Coal Company (g+h)	(Rs.)		373340571.37	341347126.50	
j	Rate of Coal for the period Charged by Coal Company = (i/(fX10^6))	Rs/MT		1955.69	1849.55	
k	Rate of Bonus payable to Coal Company	Rs/MT				
l	Net Rate of coal payable to coal compnay (j+k)	Rs/MT		1955.69	1849.55	
m	Transportation Cost Paid to railways	Rs		58934881.00	58564094.00	
n	Transportation Charge rate paid to Railways (m/(fX10^6))	Rs/MT		308.72	317.32	
o	Other Charges (per Ton) towards transportation	Rs/MT				
p	Total per ton Transportation Charges (n+o)			308.72	317.32	
q	Landed Price of Coal per MT ((l+p)	Rs./MT	1,535	2,264.41	2,166.87	
r	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,280.29			
s	Normative SHR	Kcal/ KWh	2,378			
t	Normative Specific Oil Consumption	ml/ KWh	0.50			
u	GCV of Secondary Fuel (Oil)	Kcal/ml	10			
v	Normative Auxiliary Consumption	%	5.25			
w	ECR for the Period= ((s-(txu))/(r)*(q/1000)/(1-v)	Rs/ KWh				
x	ECR as considered in Tariff order	Rs/ KWh	1.373			
y	Change in ECR (w-x)	Rs/ KWh				
z	Scheduled Generation during the Period	Kwh				
aa	FCA Claim for the Period (yX z)	Rs				0

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Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Marwa Thermal Power Plant - MTPP(GP-III)

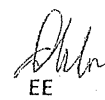
	Month	Unit	Considered in Tariff order	For Month of Feb-20	For Month of Mar-20	0
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)			0.01134634	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.00000000	0.01134634	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)			0.000090771	
	Net coal / Lignite Supplied (c-e)	(MMT)			0.011255569	
g	Amount charged by the Coal / Lignite Company	(Rs.)			19028993.11	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)				
i	Net amount charged by Coal Company (g+h)	(Rs.)		0.00	19028993.11	
j	Rate of Coal for the period Charged by Coal Company = (i/(fX10^6))	Rs/MT		#DIV/0!	1690.63	
k	Rate of Bonus payable to Coal Company	Rs/MT				
l	Net Rate of coal payable to coal company (j+k)	Rs/MT		#DIV/0!	1690.63	
m	Transportation Cost Paid to railways	Rs			2844025.00	
n	Transportation Charge rate paid to Railways (m/(fX10^6))	Rs/MT		#DIV/0!	252.68	
o	Other Charges (per Ton) towards transportation	Rs/MT			731.60	
p	Total per ton Transportation Charges (n+o)			#DIV/0!	984.28	
q	Landed Price of Coal per MT ((l+p)	Rs./MT	1,535	#DIV/0!	2,674.91	
r	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,280.29			
s	Normative SHR	Kcal/ KWh	2,378			
t	Normative Specific Oil Consumption	ml/ KWh	0.50			
u	GCV of Secondary Fuel (Oil)	Kcal/ml	10			
v	Normative Auxiliary Consumption	%	5.25			
w	ECR for the Period= ((s-(txu))/(r)*(q/1000))/(1-v)	Rs/ KWh				
x	ECR as considered in Tariff order	Rs/ KWh	1.373			
y	Change in ECR (w-x)	Rs/ KWh				
z	Scheduled Generation during the Period	Kwh				
aa	FCA Claim for the Period (yX z)	Rs				0

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.

Railway freight charges are taken on actual basis.

Road transport charge is as per work order allotted by "Gare palma III Collieries limited".


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