

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

(A) CHFC: -

(6th Bi-monthly period of 2019-20)

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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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 interstate route (IEX)	Q_8	77375000	Kwh
10	Quantum of scheduled short term purchased through interstate 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 scheduled)	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		
2	CHPP		Rs. -70104849
3	Gross VCA(sub total in Rs.)	CHFC+CHPP	Rs. 1639210227
4	Allowable VCA(in Rs.)	Gross VCA (in Rs.) $\times \frac{\text{QA}_{\text{CHFC}}}{\text{QA}_{\text{CHPP}}}$	Rs. 156910537
5	Allowable VCA(in Rs./kwh)	Allowable VCA (in Rs.)/(Qrs*(1-L))	Rs. 1333632023 Rs./kwh 0.37

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REF: REA202020
 BIL NO: WR-19-20-CST

DATE: 4-Mar-20
 DATE: 5-Mar-20

NTPC LIMITED
 WESTERN REGION HEADQUARTERS, MUMBAI-400033
 LC BILL RAISED IN THE MONTH OF MARCH 2020

CUSTOMER: CSEE

FAX to: Mr. Avind Pale DGW(Comm)
 0771-2259160

SLNO.	PARTICULARS	KSTPS	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS	JGPS	SIPAT-1	SIPAT-2	VSTPS5	MST-2	SLP	KSTPS 2	Gadavara	Lara	Khargone	AMT(RS)
01	Energy scheduled (KWH)	102305606	48073645	0	0	45542897	38239845	13229474	G1:0 G2:0	G1:0 G2:0	204191771	102066336	25178734	25309441	4159328	1680543	14909779	23932990	25719356	
02	Energy Charges (KWH)	138.10	135.50	175.80	169.10	169.00	165.50	314.30	N-AMR: 0 L: 0	N-AMR: 0 L: 0	N-145.40	149.80	171.20	311.00	320.10	216.90	304.40	238.10	292.00	
03	Capacity Charge	302.6695	302.6695	0	0	33240.00	530.4532	39623983	0	0	24032878	113801541	3864107	7560151	15789843	18006035	87854364	551292889	76543993	1693883965
04	Energy Charges	51.19655	51.19655	0	0	18512735	6340.879	41580237	0	0	298894835	152853371	43105993	7812382	13374009	35013085	45985367	559333779	75100520	1688873152
05	MOA Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06	Incident	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07	ED3-3 on AP	48.6045	48.6045	0	0	59935417	23.2043	0	0	0	18819441	9161606	1704123	0	0	0	0	1716056	20397223	0
08	ED3-3 on S&E	203547	203547	0	0	4085495	0	0	0	0	31290638	14989306	0	0	0	0	0	0	34081870	0
09	Total (Main Bills) Rs	25145647	13911944	0	0	137958331	127638288	110204100	0	0	58738792	297869335	84854551	154314213	171212452	55019120	134859787	1165105861	151644513	3563390331
10	REAEGR Rsn - January-2020	1612701	4286871	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Compensation - CERC order	05.05.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	RIDC Chrg-January/2020	47705	17036	0	0	23592	14256	7979440	0	0	71107	35868	9124	5311201	5569903	925760	925760	90360	28386304	413708
13	EGR Rsn-SPT/KSP/Lara & W	0	0	0	0	0	0	14200	0	0	0	0	0	1927	36091	16895	18256	0	0	0
14	MST	0	0	0	0	0	0	114161	0	0	31107336	18270704	0	6859	0	0	0	720549	0	0
15	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
16	LC 5 (Gross) Rs	29230585	143513948	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
17	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
18	Rebate @ 15%	3840	13802	8332	6987	10427	15608	18729	8371	10582	13004	12348	16671	14808	17158	0	0	0	0	0
19	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
20	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
21	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
22	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
23	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
24	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
25	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
26	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
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31	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
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36	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
37	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
38	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
39	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
40	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
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42	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
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44	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
45	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	159851508	176818446	55162101	144299803	1172516770	151644513	3663135630
46	Net LC Bill (Gross Rebate)	26280265	143513048	0	0	137981913	122642344	118311921	0	0	616536235	314173507	84863675	1						



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 LPL 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		Difference	kwh
APC excl. Colony	19,238,010.00 kwh	Appl. APC ED (Curr. Bill)	332,302.66 kwh
Power factor	1.0000		
Appl. APC for ED	716,092.27 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 केन्द्रीय कार्यालय - चतुर्थ तल, एनटीपीसी टावर, 15, ब्रिक्काजी कामा प्लेस, नई दिल्ली - 110066

दूरभाष / Tel: 011-26717378-79-80-82, 26712273/ Fax: 011- 26717364, 26717365, 26717366, 26717381

Registered Corporate Office: 4th Floor, NBCC Tower, 15 Brikaji 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	$(GHR - SFC \times CVSF) \times LPPF / CVPF + SFC \times LPSFI + LC \times LPI \times 100 / (100 - AUX)$	

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
		Energy Schd. for Benf.	8,394,781.00 kwh
Total	230,112,785.00 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
Provisional Previous Period		Difference	
APC excl. Colony	12,152,128.00 kwh	Appl. APC ED (Curr. Bill)	643,731.71 kwh
Power factor	1.0000		
Appl. APC for ED	332,302.66 kwh		

Adjustment due to Revised ECR		Adjustment due to Revised REA	
ECR Prev. Period	3.1130 Rs./kwh	ECR-Rev Prev. Period	3.1500 Rs./kwh
ECR-Rev. Prev. Period	3.1500 Rs./kwh	Schd. Energy (last bill)	4,852,842.00 kwh
Difference	0.037 Rs./kwh	Schd. Energy (REA)	4,852,842.00 kwh
Energy Schd Prev Period	4,852,842.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	179,555.15 Rs.	Adj. due to Rev. Energy	0.00 Rs.

Other Charges		Rebate & Surcharge Details	
WRLDC fees & charges amt.	11,357.00 Rs.	Cap. Charges Prev Period	Rs.
Total Other Charges billed	11,357.00 Rs.	Energy Charges Prev Period	15,106,896.15 Rs.
		Other Adj. Prev Period	Rs.
		Total Applicable	15,106,896.15 Rs.
		Rebate	1.000 %
		Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	35,692.00 Rs.

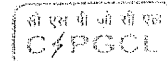
पंजीकृत कार्यालय : अजय नगर, एनटीपीसी पावर, 15, भिकजी कामा प्लेस, नई दिल्ली - 110066

दूरभाष / Tel: 011-26717378-79-80-82, 267172273/ Fax: 011- 26717364, 26717365, 26717366, 26717381

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

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CHHATTISGARH STATE POWER GENERATION COMPANY LIMITED
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 ABVTSPS 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.(BITC) 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

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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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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 compnay (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*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: 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 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 company (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-(tu))/(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 : Marwa Thermal Power Plant - MTPP

Month	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)		0.00000000	0.00000000	
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	
f 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	
i Net amount Charged by Coal Company (g+h)	(Rs.)		373340571.37	360376119.61	
j 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	
s Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
t 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-(tu))/(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 : Manwa 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	0.18804515	
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 compnay (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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