

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

(A) CHFC: -

Month	KTPS	HTPS	DSPM TPS	Korba(W)Extn.	Total Amt. in Rs
Dec-19	-53,18,426	1,32,89,164	5,85,83,508	91,30,717	7,56,84,963
Jan-20	1,16,51,904	2,03,96,343	7,37,10,354	1,10,29,388	11,67,87,989
Total	63,33,478	3,36,85,507	13,22,93,862	2,01,60,105	19,24,72,952

(B) CHPP:

- (i) Total units purchased from NTPC and NSPCL : 1,72,04,11,410 KWh
- (ii) Amount paid against units purchased : Rs. 6,50,89,94,210
Rate per unit : Rs. 3.78 /KWh
- (iii) Average rate approved by CSERC for purchase of power from Central generating stations(NTPC & NSPCL only) : Rs. 3.11 /KWh
- (iv) Diff. in rate (ii-iii) : Rs.0.67 /KWh
- (v) CHPP (in Rs.) (i)x(iv) : Rs. 1,15,26,75,645
- C. Gross VCA (A+B) in Rs : Rs. 1,34,51,48,597
- D. Total quantum of power purchased during the period : 5,41,77,86,643 Kwh
- E. Quantum of power purchased for sale to retail consumers of the State : 4,69,67,62,213 KWh
- F. Allowable VCA (in Rs.)[C*(E/D)] : Rs. 1,16,61,29,920
- G. Normative transmission & distribution losses as specified in Tariff order : 16.58%
- H. Allowable VCA Charges(Rs./Kwh) (F/E*(1-G)) : **Rs. 0.30 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. 0.30 per unit
4.	Agriculture Consumers	Rs. 0.30 per unit
5.	Rest all categories	Rs. 0.30 per unit

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

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Computation of Qpp and Qrs (5th Bi-monthly of FY 2019-20)

S No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	Q_1	2884863250	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations(Bango)	Q_2	18890079	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations(Small Hydle Station of CSPGCL + CoGen Kawardha)	Q_3	4824864	KwH
4	Quantum of scheduled power purchased from CGs at state periphery (CSPTrdCL+NTPC+NSPCL+NPCIL+OHPCL+NHPCL+Bundle Power+SECI)	Q_4	2200233964	KwH
5	PGCIL actual losses for the bi-monthly period	L1	2.80%	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5=Q_4(1-L1)$	2138627413	KwH
7	Quantum of actual power purchased from Renewable energy Sources	Q_6	191009766	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	131390000	KwH
10	Quantum of scheduled short term purchased through inter-state route at the State periphery (IEX)	$Q_9=Q_8(1-L1)$	127711080	KwH
11	Quantum of power purchased from other Sources(if any)(Short term + Border Village+Un schduled)	Q_{10}	51860191	KwH
12	Tötal Quantum of power purchased	$Q_{pp}=Q_1+Q_2+Q_3+Q_5+Q_6+Q_7+Q_9+Q_{10}$	5417786643	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}	721024430	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS}=Q_{pp}-Q_{PT}$	4696762213	KwH

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Computation of CHPP

S.No.	Particulars		
1	Scheduled energy purchased from CGs during 5th bi-monthly period	Kwh	1,72,04,11,410
2	Amount paid against units purchased	Rs.	6,50,89,94,210
3	Average rate of power purchase	Rs./Kwh	3.78
4	Average rate of Power Purchase as per Tariff Order	Rs./Kwh	3.11
5	Difference in the average rate of PP	Rs./Kwh	0.67
6	CHPP(Change in the cost of power purchased from CGs)	Rs.	1152675645

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

S.No.	Particulars		
1	CHFC		192472952
2	CHPP		1152675645
3	Gross VCA(sub total in Rs.)		1345148596
4	Allowable VCA(in Rs.)	Gross VCA (in Rs.)xQ _{RS} /Q _{app}	1166129919
5	Allowable VCA(in Rs/Kwh)	Allowable VCA (in Rs.)/[Qrs*(1-L)]	Rs/Kwh 0.30

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N T P C LIMITED
WESTERN REGION HEADQUARTERS, MUMBAI-400093
LC BILL RAISED IN THE MONTH OF JANUARY 2020

FAX to: M.Avinand Patil, DGM(Comm)
0771 - 2259160

REF: REA/2019/120
BILL No. WR/19-20: CSP/DC

DATED: 3-Jan-20
DATE: 6-Jan-20

CUSTOMER: CSB

S/No.	PARTICULARS	KSTPS	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS	JGPS	SIPAT-1	SIPAT-2	VSTPS5	MST-2	SLP	KIPTS2	Gadavara	Lara	AMT(Rs)				
01.	Capacity Charges	83181602	72210709	0	0	63812020	57127630	74040271	0	0	284190008	112836389	38243291	84796532	159024034	19006035	89933544	21168667	1330087732				
02.a.	Energy Charges	177537342	67907120	0	0	113577804	65979209	89875252	0	0	285513835	149148121	40504956	90240066	14356238	35326899	0	235826292	1365793094				
02.b.	Incentive	5120212	0	0	0	3591283	0	0	0	0	0	0	0	0	0	0	0	0	9355889				
04.a.	ED&Cess on APC	13258349	4718904	0	0	3523567	2739163	0	0	0	18895658	9326409	2081949	0	0	0	0	0	73713837				
04.b.	ED&Cess on Sales	19682367	7572128	0	0	0	0	0	0	0	31053931	15282320	0	0	0	0	0	0	104271027				
	Total (Main Bills) Rs.	298779872	152408861	0	0	184504674	125846002	163915523	0	0	599653432	286593239	81474590	175036598	173380272	54329334	89933544	497862138	2883221679				
05.	REA/EOR Rvsn - November-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6828916)				
06.	Compensation - CERC order 05.05.17							3376950						1891274	4675399				9943623				
07.	R/LDC Chgs-November-2019	48576	17364	0	0	24281	14588	15561	0	0	72453	36389	9562	20298	36594	17616	17923	92169	423374				
08.	EOR Rvsn VSTPS/SLP			0	0	120225	109924				13513194	8241585	47066		367185				22339180				
09.																			0				
10.																			0				
11.																			0				
12.																			0				
13.																			0				
14.																			0				
15.	LC Bill (Gross) Rs.	298828448	152426225	0	0	184649180	125970514	167308034	0	0	613239079	294871213	81531218	178948170	178459450	55293972	89951467	489681969	2909158939				
16.	Net LC Bill (Gross-Rebate)	298828448	152426225	0	0	184649180	125970514	167308034	0	0	613239079	294871213	81531218	178948170	178459450	55293972	89951467	489681969	2909158939				
17.	Rate of FC @ (Rs/Kwh)	68.40	138.02	85.32	69.87	104.27	156.08	187.29	83.71	105.62	130.04	123.48	166.71	148.08	171.58								
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">REBATABLE Rs. 2909158939</td> <td style="width: 50%;">NON-REBATABLE Rs. 0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total Bill Rs. 2909158939</td> </tr> </table>																				REBATABLE Rs. 2909158939	NON-REBATABLE Rs. 0	Total Bill Rs. 2909158939	
REBATABLE Rs. 2909158939	NON-REBATABLE Rs. 0																						
Total Bill Rs. 2909158939																							
TOTAL PAYABLE for the month															198.11	196.73	2909158939						
NET PAYABLE (Rs.)																	55138030						
For & on behalf of NTPC Ltd.																	2964296989						

REF: REA20201.0
 Bill No WR-19-20 : CSPOL
 DATED: 5-Feb-20
 6-Feb-20

WESTERN REGION HEADQUARTERS, MUMBAI-400093
 LC BILL RAISED IN THE MONTH OF FEBRUARY 2020

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

Sl.No	PARTICULARS	KSTPS	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS	JGPS	SIPAT-1	SIPAT-2	VSTPS5	MST-2	SLP	KSTPS 2	Gadawara	Lara	AMT(₹)		
01.	Capacity Charges	83091042	72098735	0	0	63147203	57137645	68296125	0	0	285537961	113733836	38644475	73116185	159024034	19006035	9287123	544482963	1670194247		
02.a.	Energy Charges	179456738	67395506	0	0	100096167	55573396	30946729	0	0	313740792	154689642	33454121	78065146	0	32095417	58707178	552355124	1659173954		
02.b.	MOPA Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
03.	Incentive	5477121	0	0	0	(1261243)	0	0	0	0	0	0	0	0	0	0	0	0	0		
04.a.	ED&Cess on AFC	13878427	4945148	0	0	4672188	2803218	0	0	0	1776718	8978000	2003493	0	0	0	0	0	2965702		
04.b.	ED&Cess on Sales	20144177	7859620	0	0	0	0	0	0	0	29720385	15065467	0	0	0	0	0	0	63046167		
	Total (Main Bills) Rs.	302047503	152901069	0	0	166654315	115514239	99241854	0	0	646745691	292829661	74489197	151181331	159024034	51101452	151584301	1117929461	85862058		
05.	REMECR Rsvn - December-05.05.17	9132027	3458233	0	0	8811472	5119430	0	0	0	0	0	0	0	0	0	0	0	0	3481244128	
06.	Compensation - CERC order							5511562												29644556	
07.	RUDC Chgs-December 2019	48378	17275	0	0	24140	14438	15595	0	0	72054	36047	9147	22888	0	0	0	0	0	10654677	
08.	ECR Rsvn KST/ST/ST/PT	(7741731)	(2927890)	0	0	4741244	3645308	0	0	0	(17283012)	(6402905)	233185	0	0	0	0	0	0	4233320	
09.	Solapur CERC order did																			(24065121)	
10.	Interest on Rsvn - Solapur + TDS Adj.																			(995115)	
11.	IT Refund FY 2007-08																			(478082)	
12.	Sharing of Gains																			0	
13.																				0	
14.																				0	
15.	LC Bill (Gross) Rs.	303486177	153448687	0	0	180231171	124293435	104769031	0	0	629534733	266462803	79979923	156347015	157587397	50663916	151602208	1118021868	3395903357		
16.	Net LC Bill (Gross-Rebate)	303486177	153448687	0	0	180231171	124293435	104769031	0	0	629534733	266462803	79979923	156347015	157587397	50663916	151602208	1118021868	3395903357		
17.	Rate of FC @ (₹/KWH)	68.30	138.02	83.32	69.87	104.27	136.08	187.29	83.71	105.82	130.04	123.38	186.71	148.08	177.38					3395903357	
REBATABILE		NON-REBATABILE		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	
3395909357		0		3395909357		0		3395909357		0		3395909357		0		3395909357		0		3395909357	
Total Bill		Total Bill		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	
3395909357		3395909357		3395909357		3395909357		3395909357		3395909357		3395909357		3395909357		3395909357		3395909357		3395909357	
NET PAYABLE (Rs.)		NET PAYABLE (Rs.)		NET PAYABLE (Rs.)		NET PAYABLE (Rs.)		NET PAYABLE (Rs.)		NET PAYABLE (Rs.)		NET PAYABLE (Rs.)		NET PAYABLE (Rs.)		NET PAYABLE (Rs.)		NET PAYABLE (Rs.)		NET PAYABLE (Rs.)	
3395909357		3395909357		3395909357		3395909357		3395909357		3395909357		3395909357		3395909357		3395909357		3395909357		3395909357	

For & on behalf of NTPC Ltd.



एनटीपीसी-सेल पावर कंपनी लिमिटेड

(एनटीपीसी और सेल का संयुक्त उपक्रम)

NTPC-SAIL Power Company Limited

(A joint venture of NTPC & SAIL)

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

Energy Bill : 01.01.2020 - 31.01.2020

Bill Date : 06.02.2020

Bill No. 6300195

Beneficiary Name : Chhatisgarh State Power

GSTIN Of Beneficiary : 22AADCC6047K1ZR

Station Data		Beneficiary Data	
PAFM	82.9265 %	Energy Schd.	8,410,548.00 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	3.4480 Rs/kwh		

Base Values		Month Values	
AUX	9.000 %	CVSF	10.0050 Kcal/ml
GHR	2415.000 kCAL/kwh	LPPF	4.8776 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3852.949 kCal/Kg
		LPSFI	Rs/ml

ED / Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	225,951,616.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kvah
SAIL TEED	kwh	ED Rate on APC	0.607 Rs./kwh
		Energy Schd. for Benf.	8,410,548.00 kwh
Total	225,951,616.00 kwh	ED/Cess/Taxes Amt.	420,527.00 Rs.
		ED on APC Amt.	434,668.00 Rs.

Provisional Bill Period		Final Previous Period	
APC excl. Colony Cons.	19,238,010.00 kwh	Plant APC excl. Colony	22,937,646.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	716,092.27 kwh	Applicable APC for ED	1,489,898.49 kwh
Provisional Previous Period		Difference	kwh
APC excl. Colony	22,937,646.00 kwh	Appl. APC ED (Curr. Bill)	716,092.27 kwh
Power factor	1.0000		
Appl. APC for ED	1,489,898.49 kwh		

Adjustment due to Revised ECR		Adjustment due to Revised REA	
ECR Prev. Period	3.3280 Rs./kwh	ECR-Rev Prev. Period	3.2920 Rs./kwh
ECR-Rev. Prev. Period	3.2920 Rs./kwh	Schd. Energy (last bill)	18,975,439.00 kwh
Difference	0.036- Rs./kwh	Schd. Energy (REA)	18,975,439.00 kwh
Energy Schd Prev Period	18,975,439.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	683,115.80- Rs.	Adj. due to Rev. Energy	0.00 Rs.

Other Charges		Rebate & Surcharge Details	
WRLDC fees & charges amt.	11,516.00 Rs.	Cap. Charges Prev Period	Rs.
Total Other Charges billed	11,516.00 Rs.	Energy Charges Prev Period	63,150,261.99 Rs.
		Other Adj. Prev Period	Rs.
		Total Applicable	63,150,261.99 Rs.
		Rebate	%
		Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	0.00 Rs.

पंजीकृत केन्द्रीय कार्यालय : अक्षय तल, एनटीपीसी टावर, 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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एनटीपीसी-सेल पावर कंपनी लिमिटेड

(एनटीपीसी और सेल का संयुक्त उपक्रम)

NTPC-SAIL Power Company Limited

(A joint venture of NTPC & SAIL)

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

Energy Bill : 01.12.2019 - 31.12.2019

Bill Date : 04.01.2020

Bill No. 6300191

Beneficiary Name : Chhatisgarh State Power

GSTIN Of Beneficiary : 22AADCC6047K1ZR

Station Data		Beneficiary Data	
PAFM	102.3564 %	Energy Schd.	18,975,439.00 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	3.3280 Rs/kwh		

Base Values		Month Values	
AUX	9.000 %	CVSF	9.8120 Kcal/ml
GHR	2415.000 kGAL/kwh	LPPF	4.6680 Rs/Kg
SFC	0.500 mL/kwh	CVPF	3824.963 kCal/Kg
		LPSFI	0.0421 Rs/ml

ED / Cess on APC		ED Duty on Cess/Taxes	
Total SG for Station	292,135,273.00 kwh	ED/Cess/Taxes Rate	0.050 Rs./kwh
SAIL TEED	kwh	ED Rate on APC	0.607 Rs./kwh
		Energy Schd. for Benf.	18,975,439.00 kwh
Total	292,135,273.00 kwh	ED/Cess/Taxes Amt.	948,772.00 Rs.
		ED on APC Amt.	904,368.00 Rs.

Provisional Bill Period		Final Previous Period	
APC excl. Colony Cons.	22,937,646.00 kwh	Plant APC excl. Colony	17,681,617.00 kwh
Power factor	1.0000	Power factor	1.0000
Appl. APC for ED	1,489,898.49 kwh	Applicable APC for ED	1,482,490.61 kwh
		Difference	kwh
		Appl. APC ED (Curr. Bill)	1,489,898.49 kwh

Provisional Previous Period			
APC excl. Colony	17,681,617.00 kwh		
Power factor	1.0000		
Appl. APC for ED	1,482,490.61 kwh		

Adjustment due to Revised ECR		Adjustment due to Revised REA	
ECR Prev. Period	3.1780 Rs./kwh	ECR-Rev Prev. Period	3.1810 Rs./kwh
ECR-Rev. Prev. Period	3.1810 Rs./kwh	Schd. Energy (last bill)	19,478,786.00 kwh
Difference	0.003 Rs./kwh	Schd. Energy (REA)	19,478,786.00 kwh
Energy Schd Prev Period	19,478,786.00 kwh	Diff. of Sched. Energy	kwh
Oth Adj due to ECR Rev.	58,436.36 Rs.	Adj. due to Rev. Energy	0.00 Rs.

Other Charges		Rebate & Surcharge Details	
WRLDC fees & charges amt.	11,549.00 Rs.	Cap. Charges Prev Period	Rs.
Total Other Charges billed	11,549.00 Rs.	Energy Charges Prev Period	61,903,582.91 Rs.
		Other Adj. Prev Period	Rs.
		Total Applicable	61,903,582.91 Rs.
		Rebate	%
		Rebate Amount (-) (Rs.)	Rs.
		Surcharge (+) (Rs.)	0.00 Rs.

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

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

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



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

NO. 03-09/ Bills-15/ 161

Raipur Dtd.

29-Feb-2020

To,

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

CHHATTISGARH STATE POWER GENERATION COMPANY LIMITED (RA&PM) CSPDCL, Raipur
NO. 8412
DATE: 02-03-2020

Sub: Fuel Cost Adjustment calculation for the 5th Bi-Monthly period of FY 2019-20.
Ref: 1) CSERC MYT Regulations 2015.
2) CSERC tariff order dtd. 31/03/2017

In compliance to the CSERC order referred above, please find enclosed FCA Calculation amounting to Rs. **455,879,836** /- for the 5th Bi-Monthly period of FY 2019-20 (Dec-19 & Jan-20). As per CSERC order the above FCA amount shall be claimed in two installments w.e.f. **Apr-20**

Executive Engineer (C&RA)
CSPGCL: Raipur

Copy to :-

- 1 The Secretary, Chhattisgarh State Electricity Regulatory Commission, New Shanti Nagar Raipur. In compliance to directives given in tariff order dtd. 23/05/2015.
- 2 The E.D. (Fin) CSPGCL, Raipur
- 3 The E.D. (O&M:Gen) 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/cspgc) under the link Fuel Cost Adjustment-5th Bi Monthly of FY 2019-20 Dec-2019 to Jan-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

Shed No. 06, Vidyut Sewa Bhawan Complex, Dangania, Raipur 492013; CIN no. U40108CT2003SGC015821
Phone No. 0771-2574097; Fax : 0771-2574806; Email : ce.cncp@gmail.com; Web site: www.cseb.gov.in/cspgcl

ACE/SE(PM)I

03.03.20

Fuel Cost Adjustment calculation for the 5th Bi-Monthly period of FY 2019-20.

All Figures in Rs.

Name of Plant	Dec-19	Jan-20	Total
KTPS	-5318426	11,651,904	6,333,478
HTPS	13289164	20,396,343	33,685,507
DSPM TPS	58583508	73,710,354	132,293,862
KW Extn	9130717	11,029,388	20,160,105
MTTPS	138286921	125,119,963	263,406,884
Total	213,971,884	241,907,952	455,879,836

RUPEES FORTY FIVE CRORES FIFTY EIGHT LAKHS SEVENTY NINE THOUSAND EIGHT HUNDRED THIRTY SIX ONLY

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

All Figures in Rs

Month	KTPS	HTPS	DSPM TPS	KW Extn	MTTPS	Total
Apr-20	3,166,739	16,842,754	66,146,931	10,080,053	131,703,442	227,939,919
May-20	3,166,739	16,842,753	66,146,931	10,080,052	131,703,442	227,939,917
Total	6,333,478	33,685,507	132,293,862	20,160,105	263,406,884	455,879,836


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Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Description	Unit	Considered in Tariff order	For Month of Dec-19	For Month of Jan-20	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.128125500	0.098452550	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.128125500	0.098452550	
d	Normative Transit & Handling Losses	%	1.15%	1.15%	1.15%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.001473443	0.001132204	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.126652057	0.097320346	
g	Amount charged by the Coal / Lignite Company	(Rs.)		214,636,565.62	164,928,271.04	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)				
i	Net amount Charged by Coal Company (g+h)	(Rs.)		214,636,565.62	164,928,271.04	
j	Rate of Coal for the period Charged by Coal Company = $(i/(f*10^6))$	Rs/MT		1694.69	1694.69	
k	Rate of Bonus payable to Coal Company	Rs/MT				
l	Net Rate of coal payable to coal compnay (j+k)	Rs/MT		1694.69	1694.69	
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	1872.67	1872.67	
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,080.85	3,606	3,322.00	
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		1.808	1.963	
u	ECR as considered in Tariff order	Rs/ KWh	1.855	1.855	1.855	
v	Change in ECR (t-u)	Rs/ KWh		-0.047	0.108	
w	Scheduled Generation during the Period	KWh		113,158,000	107,888,000	
aa	FCA Claim for the Period (vXw)	Rs		-5,318,426	11,651,904	6,333,478

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Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Description	Unit	Considered in Tariff order	For Month of Dec-19	For Month of Jan-20	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.387216	0.392586	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.387216	0.392586	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000774432	0.000785172	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.386441568	0.391800828	
g	Amount charged by the Coal / Lignite Company	(Rs.)		690748456.13	700327106.38	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-54662583.15	3290817.34	
i	Net amount Charged by Coal Company (g+h)	(Rs.)		636085872.98	703617923.72	
j	Rate of Coal for the period Charged by Coal Company = (i/(f*10^6))	Rs/MT		1646.01	1795.86	
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	1646.01	1795.86	
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	1,726.76	1,876.61	
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,406.33	3,399	3,663	
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 = $\frac{(p-(qxr))}{(O)} \cdot \frac{(n/1000)}{(1-s)}$	Rs/ KWh		1.486	1.499	
u	ECR as considered in Tariff order	Rs/ KWh	1.452	1.452	1.452	
v	Change in ECR (t-u)	Rs/ KWh		0.034	0.047	
w	Scheduled Generation during the Period	KWh		390,857,750	433,964,750	
x	FCA Claim for the Period (vXw)	Rs		13289164	20396343	33,685,50

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Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : - 1x500 MW KW Extn

	Description	Unit	Considered in Tariff order	For Month of Dec-19	For Month of Jan-20	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.190718	0.193363	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.190718	0.193363	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000381436	0.000386726	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.190336564	0.192976274	
g	Amount charged by the Coal / Lignite Company	(Rs.)		340,219,385.37	344,937,203.57	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-26923361.85	1620850.38	
i	Net amount Charged by Coal Company (g+h)	(Rs.)		313296023.52	346558053.95	
j	Rate of Coal for the period Charged by Coal Company = (i/(f*10^6))	Rs/MT		1646.01	1795.86	
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	1646.01	1795.86	
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	1,726.76	1,876.61	
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,400.59	3,394	3,629	
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		1.273	1.293	
u	ECR as considered in Tariff order	Rs/ KWh	1.243	1.243	1.243	
v	Change in ECR (t-u)	Rs/ KWh		0.03	0.05	
w	Scheduled Generation during the Period	KWh		304,357,250	220,587,750	
x	FCA Claim for the Period (vXw)	Rs		9,130,717	11,029,388	20,160,105

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Details/Information for Computation of Energy Charge Rates

Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Dr. Shyama Prasad Mukharjee Thermal Power Station - DSPM TPS

	Description	Unit	Considered in Tariff order	For Month of Dec-19	For Month of Jan-20	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite	(MMT)		0.26142311	0.29430991	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.26142311	0.29430991	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000522846	0.000588620	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.260900264	0.293721290	
g	Amount charged by the Coal / Lignite Company	(Rs.)		477587113.01	533861848.36	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		1,909,934.51	-8,743,701.43	
i	Net amount Charged by Coal Company (g+h)	(Rs.)		479,497,047.52	525,118,146.93	
j	Rate of Coal for the period Charged by Coal Company = $(i/(fx10^6))$	Rs/MT		1837.86	1787.81	
k	Rate of Bonus payable to Coal Company	Rs/MT				
l	Net Rate of coal payable to coal compnay (j+k)	Rs/MT		1837.86	1787.81	
m	Transportation Cost Paid to railways	Rs		73449907.20	82614782.00	
n	Transportation Charge rate paid to Railways $(m/(fx10^6))$	Rs/MT		281.52	281.27	
o	Other Charges (per Ton) towards transportation	Rs/MT				
p	Total per ton Transportation Charges (n+o)			281.52	281.27	
q	Landed Price of Coal per MT ((l+p)	Rs./MT	1,921.22	2119.38	2069.08	
r	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,449.20	3384.23	3190.05	
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		1.717	1.778	
x	ECR as considered in Tariff order	Rs/ KWh	1.527	1.527	1.527	
y	Change in ECR (w-x)	Rs/ KWh		0.190	0.251	
z	Scheduled Generation during the Period	Kwh		308,334,250	293,666,750	
aa	FCA Claim for the Period (yX z)	Rs		58,583,508	73,710,354	132,293,862

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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 Dec-19	For Month of Jan-20	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.405855270	0.34013154	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-			
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.40585527	0.34013154	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.003246842	0.002721052	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.402608428	0.337410488	
g	Amount charged by the Coal / Lignite Company	(Rs.)		702311748.09	605953214.63	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-25,068,785.75		
i	Net amount Charged by Coal Company (g+h)	(Rs.)		677242962.34	605953214.63	
j	Rate of Coal for the period Charged by Coal Company = (i/(fX10^6))	Rs/MT		1682.14	1795.89	
k	Rate of Bonus payable to Coal Company	Rs/MT				
l	Net Rate of coal payable to coal company (j+k)	Rs/MT		1682.14	1795.89	
m	Transportation Cost Paid to railways	Rs		157393263.00	126874319.00	
n	Transportation Charge rate paid to Railways (m/(fX10^6))	Rs/MT		390.93	376.02	
o	Other Charges (per Ton) towards transportation	Rs/MT				
p	Total per ton Transportation Charges (n+o)			390.93	376.02	
q	Landed Price of Coal per MT ((l+p)	Rs./MT	1,535	2,073.07	2,171.91	
r	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,280.29	3,079	2,962.00	
s	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		1.686	1.836	
x	ECR as considered in Tariff order	Rs/ KWh	1.373	1.373	1.373	
y	Change in ECR (w-x)	Rs/ KWh		0.313	0.463	
z	Scheduled Generation during the Period	Kwh		441,811,250	270,237,500	
aa	FCA Claim for the Period (yX z)	Rs		138,286,921	125,119,963	263,406,884

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