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**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:cecomseb@rediff.com, website:www.cspdcl.co.in

Phone (0771) 2574441, Fax (0771) 2574442

No.02-02/SE-IVCA/1949

Raipur, Dt: 14.11.19

To,

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

Sub:

Computation of VCA charge in respect of Aug'2019 & Sep'2019 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 Aug '2019 & Sep '2019 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. 0.20 per unit
4	Agriculture Consumers	Rs. 0.20 per unit
5	Rest all categories	Rs. 0.20 per unit

These VCA charges are recoverable from electricity consumers in Dec '2019 & Jan '2020 in bills on sales for the month of Nov'2019 & Dec'2019 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 Chief Engineer (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 in Dec '2019 & Jan '2020 on sales for the month of Nov '2019 & Dec '2019 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 Executive Director (O&M) CSPDCL, Raipur.
- 3) The Executive Director (DR)/(BR)/(RRR)/(RJN-R)/(JR) CSPDCL  
Durg/Bilaspur/Raipur/Rajnandgaon/Jagdalpur.
- 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/  
Jagdalpur/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/  
Jagdalpur/Rajnandgoan/Champa.

**Computation of VCA Charges (3rd bi-monthly period of FY 2019-20)**

**(A) CHFC :-**

Month	KTPS	HTPS	DSPM TPS	Korba(W) Extn.	Total Amount in Rs.
Aug'2019	1,05,40,831	-4,81,64,015	2,32,99,362	-3,20,00,713	-4,63,24,535
Sep'2019	-2,75,52,890	32,39,456	12,84,088	15,17,350	-2,15,11,997
<b>Total</b>	<b>-1,70,12,059</b>	<b>-4,49,24,559</b>	<b>2,45,83,450</b>	<b>-3,04,83,363</b>	<b>-6,78,36,531</b>

**(B) CHPP :-**

- (i) Total units purchased from NTPC and NSPCL : 1,30,28,61,255 KWh
- (ii) Amount paid against units purchased : Rs. 5,09,68,99,656  
Rate per unit : Rs. 3.91 /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.0.80 /KWh
- (v) CHPP (in Rs.) (i)x(iv) : Rs. 1,04,22,89,004
- C. Gross VCA (A+B) in Rs : Rs.97,44,52,473
- D. Total quantum of power purchased during the period : 5,77,43,27,608 Kwh
- E. Quantum of power purchased for sale to retail consumers of the State : 5,58,85,68,858 KWh
- F. Allowable VCA (in Rs.) [C\*(E/D)] : Rs. 94,31,04,568
- G. Normative transmission & distribution losses as specified in Tariff order : 16.58%
- H. Allowable VCA Charges(Rs./Kwh) (F/E\*(1-G)) : Rs. 0.20 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. 0.20 per unit |
| 4. | Agriculture Consumers          | Rs. 0.20 per unit |
| 5. | Rest all categories            | Rs. 0.20 per unit |

To be recovered from energy bill for the consumption in the months of Nov'19 and Dec'19 payable in the months of Dec'19 and Jan'20 respectively.

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### Computation of CHPP

S.No.	Particulars		
1	Scheduled energy purchased from CGs during 3rd bi-monthly period	Kwh	1,30,28,61,255
2	Amount paid against units purchased	Rs.	5,09,68,99,656
3	Average rate of power purchase	Rs./Kwh	3.91
4	Average rate of Power Purchase as per Tariff Order	Rs./Kwh	3.11
5	Difference in the average rate of PP	Rs./Kwh	0.80
6	CHPP(Change in the cost of power purchased from CGs)	Rs.	1042289004

### Computation of VCA (3rd Bi-monthly period of FY 2019-20)

S.No.	Particulars			
1	CHFC		Rs.	-67836531
2	CHPP		Rs.	1042289004
3	Gross VCA(sub total in Rs.)	CHFC+CHPP	Rs.	974452473
4	Allowable VCA(in Rs.)	Gross VCA (in Rs.) $\times$ $Q_{RS}/Q_{PP}$	Rs.	943104568
5	Allowable VCA(in Rs/Kwh)	Allowable VCA (in Rs.)/[Qrs*(1-L)]	Rs/Kwh	0.20

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### Computation of Qpp and Qrs (3rd Bi-monthly of FY 2019-20)

S No.	Particulars			
1	Quantum of actual power purchased from CSPGCL thermal Power stations	$Q_1$	2882973480	KwH
2	Quantum of actual power purchased from CSPGCL hydro Power stations(Bango)	$Q_2$	75086759	KwH
3	Quantum of actual power purchased from CSPGCL Renewable Power stations(Small Hydle Station of CSPGCL + CoGen Kawardha)	$Q_3$	9183320	KwH
4	Quantum of scheduled power purchased from CGs at state periphery (CSPTrdCL+NTPC+NSPCL+NPCIL+OHPCL+NHPCL+Bundle Power+SECI)	$Q_4$	1694389477	KwH
5	PGCIL actual losses for the bi-monthly period	L1	2.71%	
6	Quantum of scheduled power purchased from CGs at state periphery	$Q_5=Q_4(1-L1)$	1648471522	KwH
7	Quantum of actual power purchased from Renewable energy Sources	$Q_6$	184833294	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)	$Q_8$	749979000	KwH
10	Quantum of scheduled short term purchased through interstate route at the State periphery (IEX)	$Q_9=Q_8(1-L1)$	729654569	KwH
11	Quantum of power purchased from other Sources(if any)(Short term + Border Village+Un schduled)	$Q_{10}$	244124664	KwH
12	Total Quantum of power purchased	$Q_{pp}=Q_1+Q_2+Q_3+Q_5+Q_6+Q_7+Q_9+Q_{10}$	5774327608	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)	$Q_{PT}$	185758750	KwH
15	Quantum of power purchased for sale to retail consumers of the State	$Q_{RS}=Q_{pp}-Q_{PT}$	5588568858	KwH

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CHHATTISGARH STATE POWER GENERATION COMPANY LIMITED

(A Govt. of C.G. Undertaking)

Office of the Chief Engineer (C&RA)

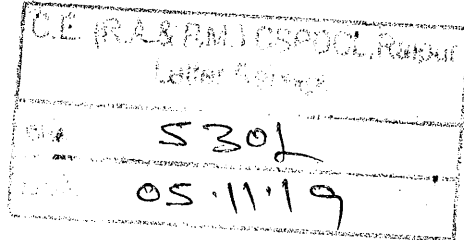
NO. 03-09/ Bills-15/ 747

Raipur Dtd.

31-Oct-2019

To,

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



**Sub: Fuel Cost Adjustment calculation for the 3rd 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 vide order referred above, please find enclosed FCA Calculation amounting to Rs. **91,422,540** /- for the 3rd Bi-Monthly period of FY 2019-20 (Aug-19 & Sept-19). As per CSERC order the above FCA amount shall be claimed in two installments w.e.f. **Dec-19**

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*Signature*

Chief 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
- 6 under the link Fuel Cost Adjustment-3rd Bi Monthly of FY 2019-20 Aug-2019 to Sept-2019)
- 7 The S.O. to M.D. CSPGCL, Raipur
- 8 The S.O. to M.D. CSPDCL, Raipur
- 9 The Manager (B&CM) CSPGCL, Raipur

*Signature*  
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## Fuel Cost Adjustment calculation for the 3rd Bi-Monthly period of FY 2019-20.

All Figures in Rs.

Name of Plant	Aug-19	Sep-19	Total
KTPS	10540831	-27,552,890	-17,012,059
HTPS	-48164015	3,239,456	-44,924,559
DSPM TPS	23299362	1,284,088	24,583,450
KW Extn	-32000713	1,517,350	-30,483,363
MTTPS	80271085	78,987,986	159,259,071
<b>Total</b>	<b>33,946,550</b>	<b>57,475,990</b>	<b>91,422,540</b>

RUPEES NINE CRORES FOURTEEN LAKHS TWENTY TWO THOUSAND FIVE HUNDRED FORTY 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
Dec-19	-8,506,030	-22,462,280	12,291,725	-15,241,682	79,629,536	45,711,269
Jan-20	-8,506,029	-22,462,279	12,291,725	-15,241,681	79,629,535	45,711,275
<b>Total</b>	<b>-17,012,059</b>	<b>-44,924,559</b>	<b>24,583,450</b>	<b>-30,483,363</b>	<b>159,259,071</b>	<b>91,422,540</b>

  
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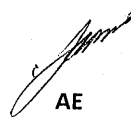
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Details/Information for Computation of Energy Charge Rates


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 Aug-19	For Month of Sept-19	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.096391800	0.104165900	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.096391800	0.104165900	
d	Normative Transit & Handling Losses	%	1.15%	1.15%	1.15%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.001108506	0.001197908	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.095283294	0.102967992	
g	Amount charged by the Coal / Lignite Company	(Rs.)		160,717,005.73	173,679,001.13	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)			42,898,547.38	
i	Net amount Charged by Coal Company (g+h)	( Rs.)		160,717,005.73	130,780,453.75	
j	Rate of Coal for the period Charged by Coal Company = (i/(f*10^6))	Rs/MT		1686.73	1270.11	
k	Rate of Bonus payable to Coal Company	Rs/MT				
l	Net Rate of coal payable to coal compnay (j+k)	Rs/MT		1686.73	1270.11	
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	1864.71	1448.09	
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,080.85	3,324.00	3,444.00	
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		1.953	1.464	
u	ECR as considered in Tariff order	Rs/ KWh	1.855	1.855	1.855	
v	Change in ECR (t-u)	Rs/ KWh		0.098	-0.391	
w	Scheduled Generation during the Period	KWh		107,559,500	70,467,750	
aa	FCA Claim for the Period (vXw )	Rs		10,540,831	-27,552,890	-17,012,059

  
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Details/Information for Computation of Energy Charge Rates

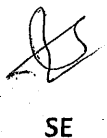
Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Description	Unit	Considered in Tariff order	For Month of Aug 19.	For Month of Sept-19	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.357110	0.280931	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.357110	0.280931	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000714220	0.000561862	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.356395780	0.280369138	
g	Amount charged by the Coal / Lignite Company	(Rs.)		634230288.36	498935759.65	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-44027140.5		
i	Net amount Charged by Coal Company (g+h)	( Rs.)		590203147.86	498935759.65	
j	Rate of Coal for the period Charged by Coal Company $= (i / (f * 10^6))$	Rs/MT		1656.03	1779.57	
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	1656.03	1779.57	
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	1,736.78	1,860.32	
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,406.33	3,776	3,728	
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= $((p - (q * r)) / (0 * (n / 1000)) / (1 - s))$	Rs/ KWh		1.346	1.460	
u	ECR as considered in Tariff order	Rs/ KWh	1.452	1.452	1.452	
v	Change in ECR (t-u)	Rs/ KWh		-0.106	0.008	
w	Scheduled Generation during the Period	KWh		454,377,500	404,932,000	
x	FCA Claim for the Period (vXw)	Rs		-48164015	3239456	-44,924,559

  
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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 Aug-19	For Month of Sept-19	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.175890	0.138369	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.175890	0.138369	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000351780	0.000276738	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.175538220	0.138092262	
g	Amount charged by the Coal / Lignite Company	(Rs.)		312,382,082.26	245,744,478.63	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-21685009.5		
i	Net amount Charged by Coal Company (g+h)	( Rs.)		290697072.76	245744478.63	
j	Rate of Coal for the period Charged by Coal Company = $(i/(f*10^6))$	Rs/MT		1656.03	1779.57	
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	1656.03	1779.57	
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	1,736.78	1,860.32	
o	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,400.59	3,772	3,729	
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		1.152	1.248	
u	ECR as considered in Tariff order	Rs/ KWh	1.243	1.243	1.243	
v	Change in ECR (t-u)	Rs/ KWh		-0.091	0.005	
w	Scheduled Generation during the Period	KWh		351,656,190	303,469,940	
x	FCA Claim for the Period (vXw)	Rs		-32,000,713	1,517,350	-30,483,363

  
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Details/Information for Computation of Energy Charge Rates

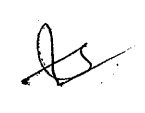
Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Description	Unit	Considered in Tariff order	For Month of Aug-19	For Month of Sept-19	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite	(MMT)		0.20022905	0.13919568	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.20022905	0.13919568	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000400458	0.000278391	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.199828592	0.138917289	
g	Amount charged by the Coal / Lignite Company	(Rs.)		368305439.01	266807229.26	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		12,979,581.83	-20,689,379.19	
i	Net amount Charged by Coal Company (g+h)	( Rs.)				
j	Rate of Coal for the period Charged by Coal Company = (i/(fX10^6))	Rs/MT		381,285,020.84	246,117,850.07	
k	Rate of Bonus payable to Coal Company	Rs/MT		1908.06	1771.69	
l	Net Rate of coal payable to coal compnay (j+k)	Rs/MT		1908.06	1771.69	
m	Transportation Cost Paid to railways	Rs				
n	Transportation Charge rate paid to Railways (m/(fX10^6))	Rs/MT		51101029.00	35103778.24	
o	Other Charges (per Ton) towards transportation	Rs/MT		255.72	252.70	
p	Total per ton Transportation Charges (n+o)			255.72	252.70	
q	Landed Price of Coal per MT ((l+p)	Rs./MT	1,921.22	2163.78	2024.39	
r	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,449.20	3697.20	3623.26	
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		1.605	1.532	
x	ECR as considered in Tariff order	Rs/ KWh	1.527	1.527	1.527	
y	Change in ECR (w-x)	Rs/ KWh		0.078	0.005	
z	Scheduled Generation during the Period	Kwh		298,709,770	256,817,500	
aa	FCA Claim for the Period (yX z)	Rs		23,299,362	1,284,088	24,583,450

  
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Details/Information for Computation of Energy Charge Rates

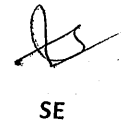
Name of the Company : Chhattisgarh State Power Generation Company Limited

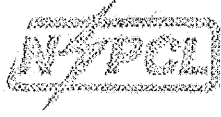
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	Description	Unit	Considered in Tariff order	For Month of Aug-19	For Month of Sept-19	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite	(MMT)		0.20022905	0.13919568	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)				
d	Normative Transit & Handling Losses	%		0.20022905	0.13919568	
e	Normative Transit & Handling Losses (cXd)	(MMT)	0.20%	0.20%	0.20%	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.000400458	0.000278391	
g	Amount charged by the Coal / Lignite Company	(Rs.)		0.199828592	0.138917289	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		368305439.01	266807229.26	
i	Net amount Charged by Coal Company (g+h)	(Rs.)		12,979,581.83	-20,689,379.19	
j	Rate of Coal for the period Charged by Coal Company = (i/(fX10^6))	Rs/MT		381,285,020.84	246,117,850.07	
k	Rate of Bonus payable to Coal Company	Rs/MT		1908.06	1771.69	
l	Net Rate of coal payable to coal compnay (j+k)	Rs/MT				
m	Transportation Cost Paid to railways	Rs		1908.06	1771.69	
n	Transportation Charge rate paid to Railways (m/(fX10^6))	Rs/MT		51101029.00	35103778.24	
o	Other Charges (per Ton) towards transportation	Rs/MT		255.72	252.70	
p	Total per ton Transportation Charges (n+o)					
q	Landed Price of Coal per MT ((l+p)	Rs./MT		255.72	252.70	
r	Average GCV of coal / Lignite as fired	(kCal/Kg)	1,921.22	2163.78	2024.39	
s	Normative SHR	Kcal/ KWh	3,449.20	3697.20	3623.26	
t	Normative Specific Oil Consumption	ml/ KWh	2,500	2,500	2,500	
u	GCV of Secondary Fuel (Oil)	Kcal/ml	0.50	0.50	0.50	
v	Normative Auxiliary Consumption	%	10.00	10.00	10.00	
w	ECR for the Period= ((s-(tu))/(r)*(q/1000))/(1-v)	Rs/ KWh	9.00	9.00	9.00	
x	ECR as considered in Tariff order	Rs/ KWh		1.605	1.532	
y	Change in ECR (w-x)	Rs/ KWh	1.527	1.527	1.527	
z	Scheduled Generation during the Period	Kwh		0.078	0.005	
aa	FCA Claim for the Period (yX z)	Rs		298,709,770	256,817,500	
				23,299,362	1,284,088	24,583,450

  
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# एनटीपीसी-सेल पावर कंपनी लिमिटेड

(एनटीपीसी और सेल का संयुक्त उपक्रम)

**NTPC-SAIL Power Company Limited**

(A joint venture of NTPC & SAIL)

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

Energy Bill Period : 01.09.2019 - 30.09.2019  
Bill No. : 6300179  
Bill Date : 04.10.2019  
Beneficiary : Chhatisgarh State Power  
GSTIN Of Beneficiary : 22AADCC6047K1ZR  
Station : Bhilai PP 3

S.No	Description	Unit	Rate	Cumulative Amount (Rs.)	Claimed Amount (Rs.)	Net Amunt (Rs.)
1	Capacity Charges	Cr.(Rs)/Yr	584.497	292,248,349.00	243,540,291.00	48,708,058.00
2	Incentive Amount of beneficiary	Rs.				
3	URS Amount of beneficiary	Rs.		4,612,759.00	6,994,671.00	2,381,912.00
4	Energy Charge Rate (ECR)	Rs./kwh	4.294			
5	Energy Charges	Rs.		440,427,983.00	340,755,514.00	99,672,469.00
6	Electricity Duty/Cess/Taxes	Rs./kvah	0.050	6,099,886.00	4,939,284.00	1,160,602.00
7	Electricity Duty on APC	Rs./kwh	0.607	5,723,123.00	4,756,841.00	966,282.00
8	Other Charges	Rs.		319,653.00	299,669.00	19,984.00
9	Total	Rs.		740,206,235.00	587,296,928.00	152,909,307.00
10	Rebate(-)	Rs.				
11	Surcharge(+)	Rs.				
12	Other Adjustment	Rs.		804,049.00	668,731.00	135,318.00
13	Sharing of benefits	Rs.		7,611,723.00	7,611,723.00	
14	Sharing of Gains via Power Trading	Rs.				
15	Net Amount	Rs.		731,790,463.00	579,016,474.00	152,773,989.00

One Hundred Fifty-Two Million Seven Hundred Seventy-Three Thousand Nine Hundred Eighty-Nine And Zero INR

नीलेश डंगायच  
Nitesh Dangayach

उप महाप्रबंधक (एम टी पी/ओ एंड ई/दाखिली)

DGM (MTP/O&E/Comm.)

एनटीपीसी-सेल पावर कंपनी लिमिटेड, भिलाई

NSPCL, BHILAI

पंजीकृत केन्द्रीय कार्यालय : चतुर्थ तल, एनबीसी टावर, 15, भिकजी कामा प्लेस, नई दिल्ली - 110066

दूरभाष / Tel: 011-26717378-79-80-82, 26172273/ Fax: 011- 26717364, 26717365, 26717366, 26717367, 26717368, 26717369

Registered Corporate Office: 4<sup>th</sup> 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 Period 01.08.2019 - 31.08.2019

Bill No. 6300175

Bill Date 05.09.2019

Beneficiary Chhatisgarh State Power

GSTIN Of Beneficiary 22AADCC6047K1ZR

Station Bhilai PP 3

S.No	Description	Unit	Rate	Cumulative Amount (Rs.)	Claimed Amount (Rs.)	Net Amount (Rs.)
1	Capacity Charges	Cr.(Rs)/Yr	584.497	243,540,291.00	194,832,233.00	48,708,058.00
2	Incentive Amount of beneficiary	Rs.				
3	URS Amount of beneficiary	Rs.		6,994,671.00-	8,540,349.00-	1,545,678.00
4	Energy Charge Rate (ECR)	Rs./kwh	3.798			
5	Energy Charges	Rs.		340,755,514.00	237,968,228.00	102,787,286.00
6	Electricity Duty/Cess/Taxes	Rs./kvah	0.050	4,939,284.00	3,586,107.00	1,353,177.00
7	Electricity Duty on APC	Rs./kwh	0.607	4,756,841.00	3,569,901.00	1,186,940.00
8	Other Charges	Rs.		299,669.00	290,662.00	9,007.00
9	Total	Rs.		587,296,928.00	431,706,782.00	155,590,146.00
10	Rebate(-)	Rs.				
11	Surcharge(+)	Rs.				
12	Other Adjustment	Rs.		668,731.00-	1,426,574.00-	757,843.00
13	Sharing of benefits	Rs.		7,611,723.00-	7,611,723.00-	
14	Sharing of Gains via Power Trading	Rs.				
15	Net Amount	Rs.		579,016,474.00	422,668,485.00	156,347,989.00

One Hundred Fifty-Six Million Three Hundred Forty-Seven Thousand Nine Hundred Eighty-Nine And Zero INR

नीलेश डंगायच  
Nilesh Dangayach  
उपमहाप्रबंधक (एम टी पी/ओ एंड ई/वाणिज्य)  
DGM (MTP/O&E/Comm.)  
एन.एस.पी.सी.एल., भिलाई  
NSPCL, BHILAI

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

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

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

REF: REA2019/8.0  
 Bill No. WR-19.20 : CSPDCL  
 DATED: 4-Sep-19  
 6-Sep-19

N T P C LIMITED  
 WESTERN REGION HEADQUARTERS, MUMBAI-400093  
 LC BILL RAISED IN THE MONTH OF SEPTEMBER 2019

CUSTOMER: CSEB

FAX to: Mr.Arvind Patle, DGM(Comm)  
 0771 - 2259166

Sl.No.	PARTICULARS	KSTPS	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS	JGPS	SIPAT-1	SIPAT-2	VSTPS5	MST-2	SLP	KhSTPS 2	Gadawara	AMT(Rs)																																																																						
	Energy scheduled(KWH)	130506399	17526770	0	0	63624627	36697870	46532939	N-APM : 0 L : 0 Lq : 0	277 741.7	141423613	94090880	27026335	9327832	27339355	16134629	14824220																																																																							
	Energy Charges(Ps/KWH)	135.60	133.10	179.90	173.30	172.20	169.90	335.40	1576.2	741.7	N-139.50	143.80	175.40	338.10	316.80	209.90	337.80																																																																							
01.	Capacity Charges	84497674	23733014	0	0	63246054	61080425	89234457	0	0	202982201	116905563	41878881	70915892	169650198	21352386	95140709	1040617454																																																																						
02.a.	Energy Charges	176966677	23328131	0	0	109561608	62349681	156071477	0	0	197285940	135302685	47404192	31537400	86611077	33866536	50076215	1110361669																																																																						
02.b.	MOYA Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																																																						
03.	Incentive	2977145	0	0	0	1414427	(1247066)	2436314	0	0	(4753384)	(410053)	877809	0	0	0	0	(1141122)																																																																						
04.a.	ED&Cess on APC	14456958	2569325	0	0	3890305	2436314	0	0	0	19576380	10918513	1710662	0	0	0	0	55903844																																																																						
04.b.	ED&Cess on Sales	20958241	4283092	0	0	0	0	0	0	0	0	0	0	0	0	0	0	945387																																																																						
	Total (Main Bills) Ps.	299857695	53913562	0	0	7473412394	124619354	245309354	0	0	20666102	16115888	91871544	102453292	256261275	55218912	0	72004304																																																																						
05.	ED&Cess on Sales	9641251	1941668	0	0	0	0	0	0	0	0	0	0	0	0	0	0	227746149																																																																						
	Compensation - CERCO order	05.05.17						(4260305)	0	0	0	0	0	0	0	0	0	11582919																																																																						
07.	R.D.C. Charges 2019	48808	17502	0	0	123807	44459	17432	0	0	0	36780	9310	21670	36931	16090	16237	(958903)																																																																						
08.	R.D.C. Chgs. Rsnr	35074	12556	0	0	17474	10243	11066	0	0	0	28391	6506	14204	26648	4577	0	394474																																																																						
09.	ECR Rsnr -KSTMS	(9451072)	(3176969)			1625618	941552						601613					216688																																																																						
10.																		(8359358)																																																																						
11.																		0																																																																						
12.																		0																																																																						
13.		0																0																																																																						
14.																		0																																																																						
15.	LC Bill (Gross) Rs.	301131696	52708319	0	0	179778920	125585608	241074127	0	0	445882880	278295747	92488973	105942878	255618114	55235052		2278953436																																																																						
16.	Net LC Bill (Gross-Rebate)	301131696	52708319	0	0	179778920	125585608	241074127	0	0	445882880	278295747	92488973	105942878	255618114	55235052		2278953436																																																																						
17.	Rate of F.C @ (Psr/Kwh)	68.95	139.97	85.72	70.89	105.74	158.40	189.92	85.40	108.79	131.88	125.79	169.09	150.08	174.79			201.26																																																																						
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iii																																																																																								
<table border="0" style="width:100%"> <tr> <td style="width:50%">REBATABILE Rs. 2278953436</td> <td style="width:50%">NON-REBATABILE Rs. 0</td> </tr> <tr> <td colspan="2" style="text-align:center">Total Bill Rs. 2278953436</td> </tr> <tr> <td colspan="17">NET PAYABLE (Rs.)</td> </tr> <tr> <td colspan="17" style="text-align:center">TOTAL PAYABLE for the month</td> </tr> <tr> <td colspan="17" style="text-align:center">2278953436</td> </tr> <tr> <td colspan="17" style="text-align:center">For &amp; on behalf of NTPC Ltd. 2278953436</td> </tr> </table>																	REBATABILE Rs. 2278953436	NON-REBATABILE Rs. 0	Total Bill Rs. 2278953436		NET PAYABLE (Rs.)																	TOTAL PAYABLE for the month																	2278953436																	For & on behalf of NTPC Ltd. 2278953436																
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ARVIND PATLE  
 Sr. Engineer (Marketing)  
 Western Region, NTPC Ltd.  
 W-310, 5th floor

S/NO	PARTICULARS	KSTPS	KSTPS 3	VSTPS1	VSTPS2	VSTPS3	VSTPS4	MSTPS1	KGPS	JGPS	SIPAT-1	SIPAT-2	VSTPS5	MST-2	SLP	KI/STPS 2	Gadavara	AMT(Rs)
	Energy Scheduled(KWH)	95150708	43159727	0	0	68790416	26553666	38409997	G1:0 G2:0 L:0	G1:0 G2:0	120903216	61577589	31690774	65904894	59361793	15827443	0	
	Energy Charges(Rs/KWH)	146.50	144.00	173.90	167.80	168.40	164.40	332.10	N-APM: 285.8 Lq: 693.7 1588.8 N-APM: RLNG: 0	151.10	155.70	169.60	339.60	330.80	210.90	326.40		
01.	Capacity Charges	64555463	61118492	0	0	67265161	67921664	77901093	0	0	164755699	110229336	50122532	110235933	175104960	20592800	9136294	1087137417
02.a.	Energy Charges	139490938	67160007	0	0	114467262	43816627	127539600	0	0	182884769	98816306	63747553	22913020	16636611	33575050	0	127351923
02.b.	MO/PA Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03.	Incentive	11295629	0	0	0	3108046	11953036	0	0	0	0	0	0	0	0	0	0	0
04.a.	EDX/Cess on APC	13464269	1574168	0	0	4209290	2435330	0	0	0	1355977	9292227	1261230	0	0	0	0	(25579212)
04.b.	EDX/Cess on Sales	19575960	2029016	0	0	0	0	0	0	0	21213562	14113632	2102526	0	0	0	0	47613504
	Total (Main Bills) Rs.	244121001	127471633	0	0	189050748	112222775	205460933	0	0	382407977	220435678	107238841	334048953	3714173771	54137830	0	2440252582
05.	RE/ECR Rsn - August 2019	8743929	11567676	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9900696
06.	Compensation - CER/C Order	05.05.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07.	RLDC Chgs-August 2019	431650	74163	0	0	23789	15336	16693	0	0	7336	3738	9956	21206	96731	16080	18800	4534753
08.	RLDC Chgs-Reland 2019	(18899)	(6818)	0	0	(9266)	(5510)	(5627)	0	0	(29459)	(14272)	(2492)	(7860)	(2289)	(736)	0	339576
09.	EGR Rsn - VST/SP & POCA/KGUG			0	0	(8039376)	11512896		0	0	(8263904)	6016590	6622859					(115146)
10.	ER SR RLDC U/DC-2014-19																	53028824
11.																		279855
12.																		0
13.		0																0
14.																		0
15.	LC Bill (Gross) Rs.	252895082	128639050	0	0	207104627	123745497	204575393	0	0	393689809	226475134	114069164	339495353	371505373	54126149	92203611	2508824242
16.	Net LC Bill (Gross Rebate)	252895082	128639050	0	0	207104627	123745497	204575393	0	0	393689809	226475134	114069164	339495353	371505373	54126149	92203611	2508824242
17.	Rate of FC @ (Rs/Kwh)	68.55	139.97	86.12	70.89	105.74	158.40	189.92	85.40	108.19	131.88	125.19	169.09	150.08	174.19	201.26		
REBATABL						2508824242												2508824242
NON-REBATABL						0												0
Total Bill						2508824242												2508824242
NET PAYABLE (Rs.)																		2508824242
TOTAL PAYABLE for the month																		2508824242
For & on behalf of NTPC Ltd																		2508824242

05.10.2019  
 ARVIND PATIL  
 Dy General Manager (Comm)  
 W/R-H HQ, Raipur