

Fuel Cost Adjustment calculation for the 5th Bi-Monthly period of FY 2021-22.

All Figures in Rs.

Name of Plant	Dec-21	Jan-22	Total
HTPS	46,501,264	106,599,120	153,100,384
DSPM TPS	41,756,643	54,788,816	96,545,459
KW Extn	29,325,404	70,790,698	100,116,102
MTTPS	21,949,515	39,001,681	60,951,196
Total	139,532,826	271,180,315	410,713,141

RUPEES FORTY ONE CRORES SEVEN LAKHS THIRTEEN THOUSAND ONE HUNDRED FORTY ONE ONLY

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

All Figures in Rs.

Month	HTPS	DSPM TPS	KW Extn	MTTPS	Total
Apr-22	76,550,192	48,272,730	50,058,051	30,475,598	205,356,571
May-22	76,550,192	48,272,729	50,058,051	30,475,598	205,356,570
Total	153,100,384	96,545,459	100,116,102	60,951,196	410,713,141


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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 December-21	For Month of January-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.40291300	0.40543300	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.402913	0.405433	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000805826	0.000810866	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.402107	0.404622134	
g	Amount charged by the Coal / Lignite Company	(Rs.)		727992717.19	732545912.60	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-8878799.60		
i	Coal Sampling fees	(Rs.)				
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		719113917.59	732545912.60	
k	Rate of Coal for the period Charged by Coal Company = $(j/(f*10^6))$	Rs/MT		1788.36	1810.44	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT	1,609.77	1788.36	1810.44	
n	Transportation Charge per Ton	Rs/MT	80.75	80.75	80.75	
o	Landed Price of Coal per MT (m+n)	Rs./MT	1,690.52	1,869.11	1,891.19	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,406.00	3,506	3,173	
q	Normative SHR	Kcal/ KWh	2,650.00	2,650	2,650	
r	Normative Specific Oil Consumption	ml/ KWh	0.90	0.90	0.90	
s	GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
t	Normative Auxiliary Consumption	%	9.70	9.70	9.70	
u	ECR for the Period= $((q-(rs))/(p)*(o/1000))/(1-t)$	Rs/ KWh		1.559	1.743	
v	ECR as considered in Tariff order	Rs/ KWh	1.452	1.452	1.452	
w	Change in ECR (u-v)	Rs/ KWh		0.107	0.291	
aa	Scheduled Generation during the Period	KWh		434,591,250	366,320,000	
ab	FCA Claim for the Period (wXaa)	Rs		46,501,264	106,599,120	153,100,384


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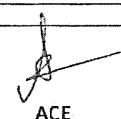
Name of the Company : Chhattisgarh State Power Generation Company Limited

Name of the Power Station : Dr. Shyama Prasad Mukharjee Thermal Power Station - DSPM (consolidated => SECL + GP III)

	Month	Unit	Considered in Tariff order	For Month of December-21	For Month of January-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.271561080	0.319036550	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0.00000000	0.00000000	
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.27156108	0.31903655	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000543122	0.000638073	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.271017958	0.318398477	
g	Amount charged by the Coal / Lignite Company	(Rs.)		404013631.870	587359917.850	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-6853509.880	-3285186.600	
i	Coal Sampling Fes	(Rs.)				
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		397160121.99	584074731.25	
k	Rate of Coal for the period Charged by Coal Company =j/(fX10^6))	Rs/MT		1465.44	1834.41	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		1465.44	1834.41	
n	Transportation Cost Paid to railways	Rs		50852552.00	61215690.00	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		187.64	192.26	
p	Road Charges (per Ton) towards transportation	Rs/MT		331.88	0.00	
q	Total per ton Transportation Charges (o+p)			519.52	192.26	
r	Landed Price of Coal per MT ((m+q)	Rs./MT	1,921.22	1,984.96	2,026.67	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,449.00	3,281.79	3,267.18	
t	Normative SHR	Kcal/ KWh	2,500	2,500	2,500	
u	Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
v	GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
w	Normative Auxiliary Consumption	%	9.00	9.00	9.00	
x	ECR for the Period= ((t-(uxv))/(s)*(r/1000))/(1-w)	Rs/ KWh		1.658	1.701	
y	ECR as considered in Tariff order	Rs/ KWh	1.527	1.527	1.527	
z	Change in ECR (x-y)	Rs/ KWh		0.131	0.174	
aa	Scheduled Generation during the Period	Kwh		318,753,000	314,878,250	
ab	FCA Claim for the Period (vX z)	Rs		41,756,643	54,788,816	


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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 December-21	For Month of January-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.19845000	0.19969000	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.198450	0.199690	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.000396900	0.000399380	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.198053	0.199290620	
g	Amount charged by the Coal / Lignite Company	(Rs.)		358,564,143.45	360,804,604.71	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		-4373140.04		
i	Coal Sampling fees					
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		354191003.41	360804604.71	
k	Rate of Coal for the period Charged by Coal Company = $(j/(f*10^6))$	Rs/MT		1788.36	1810.44	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT	1,609.77	1788.36	1810.44	
n	Transportation Charge per Ton	Rs/MT	80.75	80.75	80.75	
o	Landed Price of Coal per MT (m+n)	Rs./MT	1,690.52	1,869.11	1,891.19	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,401.00	3505	3181.00	
q	Normative SHR	Kcal/ KWh	2,375	2,375	2,375	
r	Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
s	GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
t	Normative Auxiliary Consumption	%	5.25	5.25	5.25	
u	ECR for the Period= $((q-(rs))/(p)*(o/1000)/(1-t))$	Rs/ KWh		1.334	1.487	
v	ECR as considered in Tariff order	Rs/ KWh	1.243	1.243	1.243	
w	Change in ECR (u-v)	Rs/ KWh		0.091	0.244	
aa	Scheduled Generation during the Period	KWh		322,257,188	290,125,813	
ab	FCA Claim for the Period (wXaa)	Rs		29,325,404	70,790,698	100,116,102


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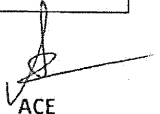
Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Month	Unit	Considered in Tariff order	For Month of December-21	For Month of January-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.293425990	0.408771710	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0.00000000	0.00000000	
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.29342599	0.40877171	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.002347408	0.003270174	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.291078582	0.405501536	
g	Amount charged by the Coal / Lignite Company	(Rs.)		319545893.140	408793449.270	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		0.000	0.000	
i	Coal Sampling Fes	(Rs.)				
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		319545893.14	408793449.27	
k	Rate of Coal for the period Charged by Coal Company =((fX10^6))	Rs/MT		1097.80	1008.12	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		1097.8	1008.12	
n	Transportation Cost Paid to railways	Rs		122181173.00	152086734.00	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		419.75	375.06	
p	Road Charges (per Ton) towards transportation	Rs/MT		597.1689	646.80	
q	Total per ton Transportation Charges (o+p)			1016.92	1021.86	
r	Landed Price of Coal per MT ((m+q)	Rs./MT	1,990.87	2,114.72	2,029.98	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,631.00	3,634	3,466	
t	Normative SHR	Kcal/ KWh	2,378	2,378	2,378	
u	Normative Specific Oil Consumption	ml/ KWh	0.50	0.50	0.50	
v	GCV of Secondary Fuel (Oil)	Kcal/ml	10	10	10	
w	Normative Auxiliary Consumption	%	5.25	5.25	5.25	
x	ECR for the Period= (((t-(uxv))/(s))*(r/1000)/(1-w)	Rs/ KWh		1.457	1.467	
y	ECR as considered in Tariff order	Rs/ KWh	1.373	1.373	1.373	
z	Change in ECR (x-y)	Rs/ KWh		0.084	0.094	
aa	Scheduled Generation during the Period	Kwh		261,303,750	414,911,500	
ab	FCA Claim for the Period (vX z)	Rs		21,949,515	39,001,681	


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