

## Fuel Cost Adjustment calculation for the 6th Bi-Monthly period of FY 2021-22.

All Figures in Rs.

Name of Plant	Feb-22	Mar-22	Total
HTPS	4,45,52,538	2,77,06,180	7,22,58,718
DSPM TPS	5,87,11,418	4,70,94,977	10,58,06,395
KW Extn	1,49,82,744	2,27,30,418	3,77,13,162
MTTPS	5,19,32,015	1,39,93,338	6,59,25,353
<b>Total</b>	<b>17,01,78,715</b>	<b>11,15,24,913</b>	<b>28,17,03,628</b>

RUPEES TWENTY EIGHT CRORES SEVENTEEN LAKHS THREE THOUSAND SIX HUNDRED TWENTY EIGHT 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
Jun-22	3,61,29,359	5,29,03,198	1,88,56,581	3,29,62,677	14,08,51,815
Jul-22	3,61,29,359	5,29,03,197	1,88,56,581	3,29,62,676	14,08,51,813
<b>Total</b>	<b>7,22,58,718</b>	<b>10,58,06,395</b>	<b>3,77,13,162</b>	<b>6,59,25,353</b>	<b>28,17,03,628</b>

  
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Fuel Cost Adjustment calculation for the 6th Bi-Monthly period of FY 2021-22.

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 February-22	For Month of March-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.39834700	0.44236400	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.398347	0.442364	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.00079669	0.00088473	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.39755031	0.44147927	
g	Amount charged by the Coal / Lignite Company	(Rs.)		719742760.00	799273714.97	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)				
i	Coal Sampling fees	(Rs.)		18140271.67		
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		737883031.67	799273714.97	
k	Rate of Coal for the period Charged by Coal Company = (j/(f*10^6))	Rs/MT		1856.07	1810.44	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal company (k+l)	Rs/MT	1,609.77	1856.07	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	1,936.82	1,891.19	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,406.00	3,620	3,611	
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 = $\frac{(q-rs)}{p} \times \frac{1000}{(1-t)}$	Rs/ KWh		1.565	1.532	
v	ECR as considered in Tariff order	Rs/ KWh	1.452	1.452	1.452	
w	Change in ECR (u-v)	Rs/ KWh		0.113	0.080	
aa	Scheduled Generation during the Period	KWh		39,42,70,250	34,63,27,250	
ab	FCA Claim for the Period (wXaa)	Rs		4,45,52,538	2,77,06,180	7,22,58,718

  
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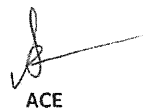
Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Description	Unit	Considered in Tariff order	For Month of Febraury-22	For Month of March-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.18706600	0.21788100	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.187066	0.217881	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.00037413	0.00043576	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.18669187	0.21744524	
g	Amount charged by the Coal / Lignite Company	(Rs.)		33,79,95,263.55	39,36,72,532.81	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)				
i	Coal Sampling fees					
j	Net amount Charged by Coal Company (g+h+i)	( Rs.)		337995263.55	393672532.81	
k	Rate of Coal for the period Charged by Coal Company $= (j / (f * 10^6))$	Rs/MT		1810.44	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	1810.44	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	1,891.19	1,891.19	
p	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,401.00	3654	3597.00	
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 Auxilliary Consumption	%	5.25	5.25	5.25	
u	ECR for the Perio $d = \frac{((q - (rxs)) / (p) * (o / 1000)) / (1 - t)}$	Rs/ KWh		1.295	1.315	
v	ECR as considered in Tariff order	Rs/ KWh	1.243	1.243	1.243	
w	Change in ECR (u-v)	Rs/ KWh		0.052	0.072	
aa	Scheduled Generation during the Period	KWh		28,81,29,688	31,57,00,250	
ab	FCA Claim for the Period (wXaa)	Rs		1,49,82,744	2,27,30,418	3,77,13,162

  
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Fuel Cost Adjustment calculation for the 6th Bi-Monthly period of FY 2021-22.

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 Febraury-22	For Month of March-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)		0.31560302	0.22833906	
b	Adjustment (+/-) in quantity supplied made by (Stock transfer from KTPS)	(MMT)				
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.31560302	0.22833906	
d	Normative Transit & Handling Losses	%	0.20%	0.20%	0.20%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.00063121	0.00045668	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.31497181	0.22788238	
g	Amount charged by the Coal / Lignite Company	(Rs.)		578913912.97	413418381.66	
h	Adjustment (+/-) in amount charged made by Including stock Transfer from KTPS Coal/Lignite Company	(Rs.)				
i	Coal Sampling fees	(Rs.)		60,23,904.73		
j	Net amount Charged by Coal Company (g+h+i)	(Rs.)		58,49,37,817.70	41,34,18,381.66	
k	Rate of Coal for the period Charged by Coal Company = (j/(fX10 <sup>6</sup> ))	Rs/MT		1857.11	1814.17	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		1857.11	1814.17	
n	Transportation Cost Paid to railways	Rs		70844784	46462132	
o	Transportation Charge rate paid to Railways (n/(fX10 <sup>6</sup> ))	Rs/MT		224.92	203.89	
p	Other Charges (per Ton) towards transportation	Rs/MT				
q	Total per ton Transportation Charges (o+p)			224.92	203.89	
r	Landed Price of Coal per MT ((l+q)	Rs./MT	1,921.22	2082.03	2018.06	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,449.00	3311.46	3313.98	
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	10.00	10.00	10.00	
w	Normative Auxiliary Consumption	%	9.00	9.00	9.00	
x	ECR for the Period= ((t-(uxv))/(s)*(r/1000))/(1-w)	Rs/ KWh		1.724	1.670	
y	ECR as considered in Tariff order	Rs/ KWh	1.527	1.527	1.527	
z	Change in ECR (x-y)	Rs/ KWh		0.197	0.143	
aa	Scheduled Generation during the Period	Kwh		29,80,27,500	32,93,35,500	
ab	FCA Claim for the Period (zX aa)	Rs		5,87,11,418	4,70,94,977	10,58,06,395

  
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Fuel Cost Adjustment calculation for the 6th Bi-Monthly period of FY 2021-22.

Name of the Company : Chhattisgarh State Power Generation Company Limited

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

	Month	Unit	Considered in Tariff order	For Month of Febraury-22	For Month of March-22	Total for period
a	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)	-	0.398242520	0.413972660	
b	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	-	0.000000000	0.000000000	
c	Coal supplied by Coal/Lignite Company (a+b)	(MMT)		0.39824252	0.41397266	
d	Normative Transit & Handling Losses	%	0.80%	0.80%	0.80%	
e	Normative Transit & Handling Losses (cXd)	(MMT)		0.003185940	0.003311781	
f	Net coal / Lignite Supplied (c-e)	(MMT)		0.395056580	0.410660879	
g	Amount charged by the Coal / Lignite Company	(Rs.)		424179953.090	448560752.320	
h	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)		0.000	0.000	
i	Coal Sampling Fes	( Rs.)		32615585.990	0.000	
j	Net amount Charged by Coal Company (g+h+i)	( Rs.)		456795539.08	448560752.32	
k	Rate of Coal for the period Charged by Coal Company =(j/(fX10^6))	Rs/MT		1156.28	1092.29	
l	Rate of Bonus payable to Coal Company	Rs/MT				
m	Net Rate of coal payable to coal compnay (k+l)	Rs/MT		1156.28	1092.29	
n	Transportation Cost Paid to railways	Rs		145442582.00	149965919.00	
o	Transportation Charge rate paid to Railways (n/(fX10^6))	Rs/MT		368.16	365.18	
p	Road Charges (per Ton) towards transportation	Rs/MT		649.51	675.30	
q	Total per ton Transportation Charges (o+p)			1017.67	1040.48	
r	Landed Price of Coal per MT ((m+q)	Rs./MT	1,990.87	2,173.95	2,132.77	
s	Average GCV of coal / Lignite as fired	(kCal/Kg)	3,631.00	3,654	3,820	
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		1.490	1.398	
y	ECR as considered in Tariff order	Rs/ KWh	1.373	1.373	1.373	
z	Change in ECR (x-y)	Rs/ KWh		0.117	0.025	
aa	Scheduled Generation during the Period	Kwh		44,38,63,375	55,97,33,500	
ab	FCA Claim for the Period (vX z)	Rs		5,19,32,015	1,39,93,338	6,59,25,353

  
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