

CHHATTISGARH STATE POWER GENERATION COMPANY LIMITED
(A Govt. of C.G. Undertaking)

No. 03-09/ Petition 102 of 2022/ ७४

Raipur, dtd. ०३.०२. २०२३

To,

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

Sub: - Petition no 102 of 2022: Submission of Additional information.

Ref: CSERC's letter no P.No. 102 of 2022/155 dtd. 30.01.2023

Dear Sir,

As desired vide referred letter and in continuation to submissions made during the TVS dated 24th January 2023, the additional information (Write up with -Six annexures – Annex- 21 to 26 – Total 38 pages) in two copies is submitted herewith for kind consideration of Hon'ble Commission.

Encl: As above.


Executive Director (C&RA)
CSPGCL, RAIPUR

**BEFORE THE CHHATTISGARH STATE ELECTRICITY REGULATORY COMMISSION,
RAIPUR**

IN THE MATTER OF: **True up of ARR of CSPGCL's conventional
power plants for FY 2021-22.**

BY Chhattisgarh State Power Generation Company
Limited

Petition No 102 of 2022

INDEX

SN	DESCRIPTION	ANNEX. NO	PAGE NO
1	Submission of additional information		1-4
2	CSPGCL request for refund of Up-front amount	21	5-6
3	Nominated authority letter dtd. 29.12.2022	22	7
4	Revised Forms for GP-III mine Input Price of Coal	23	9-19
5	Break Up of GL code I150340	24	21
6	Revised Form 17-NTI	25	23
7	Revised True-Up forms	26	25-38


Petitioner
For CSPGCL, Raipur.

SUBMISSION OF ADDITIONAL INFORMATION

(W.r.t. letter no. P. No 102 of 2022/03, Raipur, Date: 02/01/2023)

1. CSPGCL should clarify whether any claim for refund of any expense incurred on Gidhumuri Paturia coal block has been preferred or is being considered before any other agency and if yes, the status of such claim.

CSPGCL SUBMISSION :- It is submitted that in the wider interest, consequent to release of BG of about 132 Cr. by the Nominated Authority, vide letter no. 1451 dated 18/11/2022 CSPGCL again filed request for refund of upfront amount of Rs. 25 Cr. deposited against allotment of Gidhumuri and Paturia coal block. Copy of the same is submitted as Annexure 21. However, the request has been refused by the O/o the Nominated Authority, Ministry of Coal, GoI vide letter dated 29.12.2022 on the ground that there is no provision for refund of the upfront amount to coal block allottee. Copy of the letter is submitted as Annexure 22.

In continuation to and in confirmation of the CSPGCL commitment during the TVS, it is to confirm that in case any refund is received in future against the expenses incurred in past, the same shall be passed on to the beneficiaries in full without delay and demur in the true up for the same year.

2. CSPGCL has submitted generation details in form 15B as well as progressive generation as per SLDC certification as part of Annexure 3 of the additional submission. The summary of the same is reproduced as under.

Particulars	UoM	HTPS	DSPM	KWTPP	ABV TPS
Gross Generation as per Form 15B	MU	5,044.96	3,908.42	3,734.10	4,828.05
Net Generation as per Form 15B	MU	4538.36	3597.60	3533.47	4532.54
Progressive Generation as per SLDC as per Annexure 3 of Additional Submission	MU	4,548.56	3,838.01	3,524.46	4,537.64



CSPGCL SUBMISSION: - In the above context it is submitted that for the whole billing and revenue recovery purpose the following parameters are applicable: -

- PAF in % terms as certified by the SLDC - for recovery of approved AFC.
- Scheduled generation as certified by SLDC – for fuel cost billing.
- Actual injection as certified by SLDC - for DSM billing and also for computation of fuel cost at the time of true up..

From the above it may please be seen that the generation (in MU) in the PAF certificate issued by SLDC has no relevance for the purpose of the billing / true up. It may also be seen that the progressive generation in the SLDC certificate submitted vide Annexure 3 (submission dated 16.01.2023) is nothing else but computed value of the progressive PAF %. The same is also clear from the heading of the SLDC sheet “PAF of generating stations”. As per the billing formula specified in the regulation for the purpose of AFC billing, the % PAF is to be used and equivalent MU do not find a place in the formula.

In the table quoted in the instant query - the first row depicts the gross generation at the generator terminal end, the second row termed as “Net Generation as per Form 15B” is nothing else but the summation of the actual net generation injected in the grid taken from monthly DSM bills and the third row depicts the equivalent electrical energy corresponding to declared capacity i.e. DC. As per the provisions of the regulations and well settled principle & procedure, based on the DC declared by the generating company and the demand projections submitted by the distribution licensee, SLDC provides the block wise schedule. Thus the schedule energy is different from the DC. Further due to various operational reasons, the actual injection tends to marginally deviate from the schedule and therefore the net injection is different from the schedule energy. Thus, by the very definition, the gross generation, the availability, the schedule and the net injection all are different parameters and as such they are not expected to match with each other.

In the above context, CSPGCL also crave leave to draw kind attention to the para 2.1, page 7 of the petition wherein the base data for preparation of the petition has been mentioned. CSPGCL hope that the above clarifies the confusion over the generation data.



ADDITIONAL SUBMISSIONS / CLARIFICATIONS

In addition to the above, in the interest of transparency and fairness CSPGCL crave leave to submit following additional rectifications / clarification: -

3. **Capital cost of GP-III Mine** – While CSPGCL affirms that the computation submitted in the petition regarding the capital cost of the GP-III mine on the date of COD is principally true and correct, however at the same time it is admitted that post filing of the petition an inadvertent error has been detected. In the computation of gain from the transfer of coal before COD, in the Form 5B (I) the GST on FRV was claimed @ 18%. Though the GST is applicable at the same rate, however, during reconciliation, it has come to the notice that the GST for the pre COD period was actually paid from the Central Accounting Unit and as such got subsumed in the true up claim for FY 20-21. As it is not proper to claim the same tax twice, hence in accordance to the principal of fairness and truthfulness, CSPGCL hereby suo-motu withdraws the claim to that extent. Accordingly, the entry at SN 13 of the Form 5B (I) (page 105) of the main petition stands reduced to Rs 16.73 Cr.

With the above transposition, the surplus from pre COD transfer of coal stands revised from Rs. 38.97 Cr. to Rs. 41.98 Cr. and consequently the Form 5B (page 104) also stands revised. The opening regulatory GFA for FY 21-22 stands reduced from Rs. 498.43 Cr. to Rs. 495.42 Cr. and the closing regulatory GFA for FY 21-22 stand reduced from Rs. 899.24 Cr. to Rs. 896.23 Cr. With the above changes the total price per ton in the Form 1 (page 101) also stands reduced from Rs. 1269.79/Ton to Rs. 1268.29./Ton.

All the formats for determination of input price of coal (from page 101 to page 111) are revised and submitted here with as Annexure 23. Impact on the true up forms is covered in Annexure 26, as detailed below.

4. **Income tax refund for the previous year** – As detailed in the previous submission, as per well settled practice, at the time of true up for a year, only the income tax actually payable as per return (and not the actually paid advance tax) is claimed. At times the advance tax is higher, some refund is claimed in the return. As in the true up, such additional tax is not claimed hence at the time of subsequent true up, as and when the said refund is received that refund is also not accounted for. Further, as per well settled principle money has got its own time value and to compensate the tax payer for the additional tax paid, the income tax department, as per the provisions of law, allows some interest on the refund. Needless to submit such interest is part of the refund and as per settled principle and practice, is not



accounted at the time of true up. However, in absence of any express accounting head for interest on refund, in the accounts, the same got subsumed in the account head “Interest on other loans and advances” (GL code I150340). Inadvertently, the GL entry was considered in full as part of the sub head “Interest on Advance to contractors / suppliers” of the main head NTI. (SN 2 of Form 17, page 95 of the main petition. The break up of the GL Code is submitted herewith as Annexure 24, which makes it clear that only Rs 59,74,397/- qualifies for inclusion in the NTI and the balance is on account of interest on income tax refund. In this regard leave is craved to refer back to the Annexure 9 (submission dated 16.01.2023). The Income tax refund allowed by the IT department was Rs 63,47,93,640/- while the refund claim submitted by the by CSPGCL was of Rs 59,88,76,300. The difference 3,59,17,340 has been considered in the accounts as Interest on IT refund. The entry at SN ‘d’ of Note 22 of the audited accounts also show the same amount as “Interest on Income Tax refund”. It may please be appreciated that the such interest is actually not part of “Interest on Advance to Contractor / supplier” and consequently is also do not qualify as NTI. In view of the inadvertent error, CSPGCL humbly crave leave for rectification of the error and the revised Form 17 is submitted as Annexure 25.

Further, after taking into consideration of the combined effect of rectifications detailed in the SN 3 & 4 above, the revised Form F-1 for all the plants (page 51, 61, 71, 81 and 91 of the main petition) and the Form 13 B, 15 and 15 B for DSPM TPS and ABVTPS (page 57, 58, 60, 87, 88 and 90), combined Form 22 (page 98) and Revenue Gap Tabulation (page 99) are submitted herewith as Annexure 26.



CHHATTISGARH STATE POWER GENERATION CO. LTD.

छत्तीसगढ़ स्टेट पावर जनरेशन कंपनी लिमिटेड

(A Govt. of Chhattisgarh Undertaking)

(छत्तीसगढ़ शासन का एक उपक्रम)

CIN:U40108CT2003SGC015821

Annexure - 21

सी एस पी जी सी एल (5)
CSPGCL

Annex. numbering is in
Continuation to our submission dt. 16-01-22

No. 04-02/G&P-49/1451

To,

The Nominated Authority
120, F-wing, Shastri Bhawan
Ministry of Coal,
New Delhi-110001

Raipur Dtd. 18/11/2022

O/o. ED (C&RA)
CSPGCL, RAIPUR
R.R. No. 1343
Date 21/11/22

Sub:- Request for refunding upfront amount deposited against allotment of Gidhmuri & Paturia coal block.

- Ref:-1.Vesting order No. 103/28/2015/NA dated 13.10.2015 & Corrigendum-I dated 22.08.2016.
2. MoC Office memorandum 103/28/2015/NA dtd 16.03.2022.
3. MoC OM dtd 26.08.2022.

Dear Sir,

This is in reference to vesting order dtd 13.10.2015, wherein Gidhmuri & Paturia coal block was allotted to CSPGCL. As per allotment agreement CSPGCL has submitted Rs. 25 Cr. as upfront amount in respect of Gidhmuri & Paturia coal block. After allotment CSPGCL was initiated development activities to achieve various milestone for operation of mine as stipulated in efficiency parameter of the allotment agreement. In this context, it is pertinent to mention that during processing of the forest diversion proposal for the project the APCCF, GoCG Naya Raipur has informed that Gidhmuri and Paturia coal block falls under Lemru Elephant Reserve (LER) and appropriate action by their department regarding diversion of forest land shall be initiated after the decision of the Government vide their letter dtd 25.08.2020.

Further, Forest & Climate change Dept. GoCG has notified the area of Lemru Elephant Reserve on dtd 22.10.2021 wherein this coal block is falling under area of LER. In this regard, APCCF Raipur GoCG vide letter, No.

भु-प्रबंध/खनिज/331-249/526 रायपुर, दिनांक 14.03.2022 has requested to Chief Secretary,

Addl. C.E. Forest & Climate Change Department of CG to intimate CSPGCL that no

SE-I further action should be taken regarding development of Gidhmuri & Paturia

S.E.-II Block as this coal block has been kept under "may not be recommended" in

S.E.-III Bio-Diversity study report of ICFRE Dehradun and which is falling under

E.E.-I Lemru Elephant Reserve area and copy of the same was endorsed to CSPGCL.

E.E.-II (Copy enclosed).

E.E.-III Thereafter, a meeting was convened under Chairmanship of Addl.

A.E.-I Secretary, Nom. Authority, MoC on 15.03.2022 in MOM of this meeting it is

A.E.-II mentioned that "since Gidhmuri & Paturia coal block allotted to M/s CSPGCL is

A.E.-III falling under Lemru Forest reserve area and also has not been recommended by

PA NGT Bio-Diversity study done by ICFRE, so this block is required to be

O.A. I/III

CHHATTISGARH STATE POWER GENERATION CO. LTD.

छत्तीसगढ़ स्टेट पावर जनरेशन कंपनी लिमिटेड

(A Govt. of Chhattisgarh Undertaking)

(छत्तीसगढ़ शासन का एक उपक्रम)

CIN:U40108CT2003SGC015821



terminated by the Government of India". In this meeting MD; CSPGCL requested to return upfront amount and allot alternate coal block to CSPGCL along with the BG. Copy of the MoM is enclosed for ready reference.

Meanwhile, Ministry of Coal vide OM No. NA-301/1/2021-NA dtd 09.05.2022 has informed that a policy has been approved on 07.04.2022 for granting one-time window to Government Companies to surrender non-operational coal blocks without imposition of penalty.

Looking to the above circumstances and after competent approval from Board of the company, an application was submitted to your good office for surrendering this coal block on 05.08.2022 under policy dtd 07.04.2022. Subsequently, MoC vide their letter dtd 26.08.2022 terminated/cancelled the allotment agreement & vesting order of Gidhmuri & Paturia coal block which were issued to CSPGCL. (Copy enclosed)

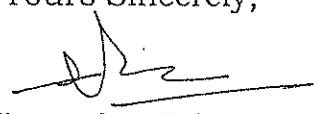
Due to delay in the decision of LER issue Forest Diversion Proposal was stuck-up since 25.08.2020, it is submitted that notification of LER is major cause of surrender and this cause is not attributable to CSPGCL.

In view of above, CSPGCL being a state PSU request you to kindly consider the above facts and return the upfront amount (Rs.25 Crs.) in respect of Gidhmuri & Paturia coal block.

Thanking you,

Enclosures: As above.

Yours Sincerely,


Managing Director
CSPGCL, Raipur

Copy to:-

1. The P.S. to the Hon'ble Chairman, CSPCL, Raipur.
2. The Executive Director (Finance), CSPGCL Raipur.
- ✓ 3. The Executive Director (C&RA), CSPGCL Raipur.
4. The Chief Engineer (CP-II), CSPGCL, Raipur.

File No. 103/28/2015/NA
Government of India
Ministry of Coal
O/o Nominated Authority

120, F -Wing, 1st Floor, Shastri Bhawan,
New Delhi, Dated: December 29, 2022

To,

The Chairman,
M/s Chhattisgarh State Power Generation Co. Ltd.,
Vidyut Sewa Bhawan, Dangania, Raipur,
Chhattisgarh -492013

**Subject : Request for refunding upfront amount deposited against
allotment of Gidhmuri & Paturia coal block -reg.**

.....

Sir,

The undersigned is directed to refer to M/s CSPGCL's letter dated 18.11.2022 for the return of the upfront amount (Rs. 25 Crs.) in respect of the Gidhmuri and Paturia coal mines. It is to inform that request for surrender of coal mines was received from CSPGCL under policy of Central Government to provide one time window to Govt. Companies for surrender of coal mine without penalty. As such, there is no provision for refund the upfront amount to coal block allocattee.

2. Further, Upfront Amount in respect of Gidhmuri & Paturia coal mines has been transferred to the State Government of Chhattisgarh where the mine is located.

Yours faithfully,



(Manish Uniyal)

Under Secretary to Government of India
Tel: 011 23384106



Blank

✓

True up for FY 21-22

**8: ANNEXURE II - FORMATS -TRUE-UP OF FY 2021-22 - INPUT PRICE OF COAL****FORM - 1 (Revised)****Input Price of Coal - FY 21-22**Name of Integrated Coal Mine: **Gare Pelma-III**Name of the Company: **Chhattisgarh State Power Generation Company Limited****In Rs. Crores**

Particulars	Unit	Value
Depreciation	Rs Cr	30.05
Interest on loan	Rs Cr	47.91
Return on Equity	Rs Cr	29.22
Interest on Working Capital	Rs Cr	0.96
O&M Charges	Rs Cr	7.99
Statutory Charges	Rs Cr	53.58
Sharing of gain due to Higher Production	Rs Cr	9.00
AEC	Rs Cr	178.71
Actual Quantity of Coal	MMT	3.52
AEC (Rs./Tonne)	Rs/ Ton	508.41
MDO Charges (Rs./Tonne)	Rs/ Ton	651.38
Sub Total (Rs./Tonne)	Rs/ Ton	1159.79
Less -NTI (Intrest Income)	Rs Cr	3.34
Less - NTI Adjustment	Rs/ Ton	9.51
Add- Fix Reserve Price	Rs/ Ton	118.00
Total Price/Tonne	Rs/ Ton	1268.29

FORM – 2- GP III
Summary of Statutory Charges

Name of Integrated Coal Mine: **Gare Pelma-III**Name of the Company: **Chhattisgarh State Power Generation Company Limited**

Particulars	Rate	Remarks	FY 21-22 Amount in Crs
Royalty	14%	On Base Price	33.61
DMF	10%	of Royalty	3.36
NMET Fund	2%	of Royalty	0.67
GST	18%	On Royalty, DMF & NMET	6.78
Infrastructure Development CESS	11.25	Rs per Tonne	3.97
Environment Cess	11.25	Rs per Tonne	3.97
Forest Tax	3.93	26.225% of Rs.15/Tonne	1.39
Total Statutory Charges (excluding FRP)			53.74
Total Coal Dispatched from Mine (MT)			3525830.86
Statutory Charges Per Ton (Exclud. FRP)			152.43
Statutory Charges on Grossed up Coal corresponding to RR quantity			53.58



FORM - 3

Normative parameters considered for Input Price computation

Name of Integrated Coal Mine: Gare Pelma-III

Name of the Company: Chhattisgarh State Power Generation Company Limited

Particulars	Unit	FY 21-22
ATQ	Million Tonnes	3
Rate of Return on Equity	%	14%
Input Cost of Coal Stock for WC	in days	7
Consumption of stores & Spares as % of O&M for WC	%	15%
O&M cost number of days for WC	in days	15

FORM - 5B

Breakup of Capital Cost (Revised)

Name of Integrated Coal Mine: Gare Pelma-III

Name of the Company: Chhattisgarh State Power Generation Company Limited

GP III Capital Cost During FY 21-22		
SN	Description	Amount (Rs Cr)
1	Opening Capital Cost as per TB	266.32
2	Less	
A	Adjustment passed as per cost accounts	-44.89
3	Accounting Cost C/f after deductions	311.20
4	Additions	
A	Salary expenses not claimed in previous petitions being attributed to Coal Mine Project	4.79
B	Adjustment as per Regulatory Accounts	(41.98)
C	Statutory BG	110.20
D	Normative IDC	111.21
5	Opening Regulatory GFA FY 21-22	495.42
6	Addl. Cap. during FY 21-22 as per Accounts	406.58
7	Less 50% of Payment to PAPs by MDO (subject to Arbitration decision)	5.78
8	Closing Regulatory GFA FY 21-22	896.23

True up for FY 21-22

सीएसपीजीसीएस
C/PGCL

FORM - 5B (I) (Revised)

Adjustment pre COD period

Name of Integrated Coal Mine: Gare Pelma-III

Name of the Company: Chhattisgarh State Power Generation Company Limited

ADJUSTMENT IN CAPITAL COST DUE TO DIFFERENCE IN COST OF PRODUCTION AND SALE FOR PRE COD PERIOD

SN	PARTICULARS	Unit	VALUES
1	RR Quantity of Coal from Gare Palma in 19-20	Ton	11346.34
2	Transit Loss booked at Plant in FY 19-20	%	0.69%
3	Coal Recd at Plant End in FY 19-20	Ton	11268.05
4	RR Quantity of Coal from Gare Palma in 20-21	Ton	1661727.34
5	Transit Loss booked at Plant in Fy 20-21	%	0.56%
6	Coal Recd at Plant End in FY 20-21	Ton	1652421.67
7	Total RR Quantity in Pre COD Period	Ton	1673073.68
8	Total Coal Recd at Plant end in pre COD period	Ton	1663689.72
9	Total Coal Dispatched from Mine to Railway Siding	Ton	1677808.87
10	Total RR Quantity	Ton	1673073.68
11	Total Rail Freight Paid in Pre COD Period	Crs	42.716
12	MDO Charges paid	Crs	107.45
13	FRV Payment @100/ Ton (Excluding GST)*	Crs	16.73
14	Forest tax @ 26.23% of Rs 15 / Ton	Crs	0.66
15	Environment Cess @ 11.25/ Ton	Crs	1.88
16	Infrastructure Development CESS @ 11.25/ Ton	Crs	1.88
17	Royalty , DMF and NEMT with GST	Crs	23.27
18	Pro rata Royalty, DMF and NEMT with GST on Grossed up RR quantity	Crs	23.20
19	Road Transportation Charges on Total road Transport	Crs	117.04
20	Prorata Road Transportation Charges	Crs	116.71
21	Total Cost incurred on Pre COD Coal	Crs	311.22
*	During FY 20-21 GST on FRV has already been claimed under consolidated rates & charges in true-up, hence not being considered separately.		
NOTIONAL REVENUE THROUGH TRANSFER PRICING			
1	Transfer Pricing Considered for Coal in 19-20	Rs/Ton	2281.80
2	Coal Recd at Plant End in FY 19-20	Ton	11268.05
3	Notional Revenue from Coal Transfer in FY 19-20	Crs	2.57
4	Transfer Pricing Considered for Coal in 20-21	Rs/Ton	2219.61
5	Coal Recd at Plant End in FY 20-21	Ton	1652421.67
6	Notional Revenue from Coal Transfer in FY 20-21	Crs	350.64
7	Total Notional Revenue from pre COD Coal Transfer	Crs	353.21
	Surplus from Pre COD Transfer of Coal	Crs	41.98

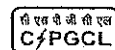
A

FORM - 5B (II) - IDC ComputationName of Integrated Coal Mine: **Gare Pelma-III**Name of the Company: **Chhattisgarh State Power Generation Company Limited**

	Interest Rate	Opening Cumulative	1	2	3	4	IDC (in Crs)
Opening	0	0	0	131.63	165.93	169.64	0
2015-16	12.81%	0	130.17	31.00	0.00	2.05	0.00
Cumulative	0	0	130.17	162.63	165.93	171.70	0.00
Average	0	0	65.09	147.13	165.93	170.67	0.00
Normative Debt	0	0	45.56	102.99	116.15	119.47	0.00
Interest	0	0	1.46	3.30	3.72	3.83	12.30
Opening	0	0	175.52	178.82	180.56	182.43	0.00
2016-17	10.10%	175.52	0.19	-1.40	-1.31	30.24	0.00
Cumulative	0	175.52	175.71	177.42	179.25	212.67	0.00
Average	0	0.00	175.62	178.12	179.91	197.55	0.00
Normative Debt	0	0	122.93	124.68	125.94	138.29	0.00
Interest	0	0	3.10	3.15	3.18	3.49	12.92
Opening	0	0	216.16	220.19	224.44	230.45	0.00
2017-18	9.93%	216.16	0.27	0.42	2.09	0.47	0.00
Cumulative	0	216.16	216.43	220.61	226.53	230.92	0.00
Average	0	0.00	216.30	220.40	225.48	230.68	0.00
Normative Debt	0	0	151.41	154.28	157.84	161.48	0.00
Interest	0	0	3.76	3.83	3.92	4.01	15.52
Opening	0	0	234.93	238.00	242.33	245.54	0.00
2018-19	9.92%	234.93	-1.00	0.20	-0.99	-0.72	0.00
Cumulative	0	234.93	233.93	238.20	241.34	244.82	0.00
Average	0	0.00	234.43	238.10	241.84	245.18	0.00
Normative Debt	0	0	164.10	166.67	169.29	171.63	0.00
Interest	0	0	4.07	4.13	4.20	4.26	16.66
Opening	0	0	249.08	262.54	268.01	272.24	0.00
2019-20	9.92%	249.08	9.06	0.91	-0.42	185.22	0.00
Cumulative	0	249.08	258.14	263.44	267.59	457.46	0.00
Average	0	0.00	253.61	262.99	267.80	364.85	0.00
Normative Debt	0	0	177.52	184.09	187.46	255.39	0.00
Interest	0	0	4.40	4.57	4.65	6.33	19.95
Opening	0	0	463.79	471.08	478.61	486.98	0.00
2020-21	10.16%	463.79	-0.95	-0.84	-0.13	9.69	0.00
Cumulative	0	463.79	462.84	470.24	478.47	496.68	0.00
Average	0	0.00	463.32	470.66	478.54	491.83	0.00
Normative Debt	0	0	324.32	329.46	334.98	344.28	0.00
Interest	0	0	8.24	8.37	8.51	8.74	33.86
Total IDC							111.21



True up for FY 21-22


 C/PGCL

FORM - 1A (Revised)

Return On Equity

Name of Integrated Coal Mine: Gare Pelma-III

Name of the Company: Chhattisgarh State Power Generation Company Limited

In Crs

Particulars	2021-22
Opening Equity	148.63
Addition Due to Add Cap	120.24
Closing Equity	268.87
Average Equity	208.75
Rate of Return on Equity	14%
Return On Equity	29.22



FORM - 11

Rate of Depreciation

Name of Integrated Coal Mine: Gare Pelma-III

Name of the Company: Chhattisgarh State Power Generation Company Limited

S. N.	Asset Class	Dep. Rate	GFA on 31.03.22	GFA on 31.03.21	Dep. during FY 21-22
1	Intangible Assets	5.00%	671.41	266.27	23.44
2	Kuchcha Roads	95.00%	1.33	-	0.63
3	Furniture And Fixtures	6.33%	0.03	0.03	0.00
4	Office Equipment	6.33%	0.02	0.02	0.00
5	Computers Hardware and Software	33.33%	0.11	-	0.02
	Total		672.90	266.32	24.09
	Average Rate				5.13%

FORM - 12 (Revised)

Depreciation

Name of Integrated Coal Mine: Gare Pelma-III

Name of the Company: Chhattisgarh State Power Generation Company Limited

Depreciation	2021-22
Opening Capital Cost	495.42
Closing Capital Cost	896.23
Average Capital Cost	695.83
Depreciable Value (100%)	585.63
Rate of Depreciation	5.13%
Annual Depreciation	30.05
Cumulative Depreciation	30.05



True up for FY 21-22

सी एन पी जी सी एल
C/PGCL

FORM - 13A (Revised)

Interest On loan Capital

Name of Integrated Coal Mine: Gare Pelma-III

Name of the Company: Chhattisgarh State Power Generation Company Limited

Interest & Fin Charges	2021-22
Opening Loan	346.80
Addition Due to Add Cap	280.56
Repayment During the Year	30.05
Average Loan	472.05
Interest Rate	10.15%
Interest Charges	47.91
Finance Charges	0.00
Total Interest & Finance Charges	47.91

FORM - 13B (Revised)

Interest On Working Capital

Particulars	Unit	Norms	FY 21-22 (In Crs)
ATQ	Million Ton	3	
Input Cost for days of Stock	in days	7	7.30
Spares as % of O&M Cost	%	15%	1.20
O&M cost for no of days	in days	15	0.33
Total Working Capital Requirement			8.82
Rate of Interest on WC	%	10.90%	
Interest on WC			0.96

FORM - 21

Operation and Maintenance Expenses

Name of Integrated Coal Mine: Gare Pelma-III

Name of the Company: Chhattisgarh State Power Generation Company Limited

Employee Cost	
Particular	Rs Cr
Salaries, wages and bonus	6.47
Contribution to provident and other funds	0.27
Gratuity & Pension	0.00
Leave Encashment	0.00
Other staff costs	0.03
Staff welfare expenses	0.36
Less: Employee benefit expense capitalised	0.00
Net Employee Cost	7.12
A&G Cost	
Particular	Rs Cr
Insurance Charges	-
Rent, Rates and Taxes	0.53
Legal and Professional Charges	0.02
Auditor's remuneration	-
Other administrative expenses	0.26
Less: A&G Capitalized	-
Net A&G Cost Chargeable to Plant	0.82
R&M Cost	
Particular	Rs Cr
Plant & Machinery	0.03
Building	0.00
Others	0.02
Lubricants, Consumables stores and station	0.00
Water charges	0.00
Less: R&M Capitalized	-
Net R&M Cost Chargeable to Plant	0.05
Total O&M Cost	7.99

True up for FY 21-22

सी एन पी वी सी एन
C/PGCLFORM - 22 (Revised)
Sharing of Gains/Losses

Name of Integrated Coal Mine: Gare Pelma-III

Name of the Company: Chhattisgarh State Power Generation Company Limited

Particulars	Rs Cr
Dep, Int, ROE & IOWC and NTI	104.81
ATQ MMT	3.00
AFC/ Ton on ATQ basis	349.35
Actual Production (Grossed up quantity of Coal Dispatched)	3.52
AFC/ Ton on Actual basis	298.16
Gain/ (Loss)/ Ton due to Excess / (less) production	18.00
Share of CSPGCL (in Rs Cr)	9.00



Blank.

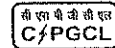
Break- Up of GL- 1150340 (Int on other loans and advances)

G/L account	Document Number	Fiscal Year	Bus Area	Document Date	Posting Date	item Text	Debit	Credit	Net
1150340	100481499	2021	81	25.06.2021	25-06-2021	INTREST RECD FROM DISTT COMPANY	-	59,47,397.00	-59,47,397.00
1150340	100484912	2021	81	25.08.2021	25-08-2021	INTEREST ON INCOME TAX REFUND	-	3,59,17,340.00	-3,59,17,340.00



Blank .

True up for FY 21-22



Combined Formats

FORM - 17 - NON-TARIFF INCOME (Revised)

Name of the Company: Chhattisgarh State Power Generation Company Limited

FY 2021-22

In Rs. Crores

Particulars	HTPS	DSPM	KWTPP	ABV TPS	H Bango	CAU	HO
MW->	840	500	500	1,000			
Interest on FDR	0.01	0.00	0.00	0.00	0.00	0.01	2.74
Int On Adv To Contractors/Suppliers	0.00	0.00	0.00	0.00	0.00	2.36	0.59
Interest on Staff Loans & Advances	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Net Income from Sale of Scrap	0.06	0.01	0.00	0.01	0.00	16.16	0.00
Lease Rent Received	0.00	0.01	0.00	0.00	0.00	2.80	0.00
Other Miscellaneous Income	1.27	0.65	0.38	1.44	0.02	1.34	1.27
Total	1.35	0.67	0.39	1.45	0.02	22.67	4.60
Adjustment of CAO, HO & Others	8.07	4.80	4.80	9.60	0.00		
Total with CAO, HO & Others	9.42	5.47	5.19	11.05	0.02		

FORM - 18 - CONTRIBUTION TO PENSION AND GRATUITY TRUST

Name of the Company: Chhattisgarh State Power Generation Company Limited

In Rs Crores

Name of Plant	FY 2021-22	
	Approved	Actual
HTPS, Korba West	104.49	104.49
DSPM TPS, Korba	38.77	38.77
1X500 MW KWTPP	23.21	23.21
H. Bango HPS	63.46	63.46
ABVTPS	3.30	3.30
Total CSPGCL	233.23	233.23

Blank .

True up for FY 21-22

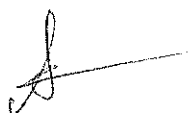
सीएसपीजीसीएल
C/PGCL

7: ANNEXURE I – TRUE-UP OF FY 2021-22 – FORMATS

Dr. Shyama Prasad Mukherjee TPS (DSPM TPS)**FORM – 1 – ANNUAL REVENUE REQUIREMENT (Revised)**

Name of Power Station: **Dr. Shyama Prasad Mukherjee TPS (DSPM)**
 Name of the Company: **Chhattisgarh State Power Generation Company Limited**

Particulars	In Rs. Crores	
	FY 2021-22	
	Tariff Order	Actual
Depreciation	130.52	130.16
Interest & Finance Charges	8.86	8.07
Return on Equity	110.06	109.86
O&M Expense	179.95	171.06
Interest on Working Capital	19.16	21.35
Less: Non-Tariff Income	3.71	5.47
Total Annual Capacity Charge	444.90	435.03
Cost of Coal	517.34	583.38
Cost of Oil	9.52	3.01
Total Energy Charges	526.86	586.38
Contribution to Gratuity/Pension Fund	38.77	38.77
Ash Utilization Expenses	0.00	1.42
Aggregate Revenue Requirement	1,010.59	1,061.60



**FORM - 13 - CALCULATION OF WEIGHTED AVERAGE RATE OF INTEREST ON
ACTUAL LOANS**

Name of Power Station: **Dr. Shyama Prasad Mukherjee TPS (DSPM)**
 Name of the Company: **Chhattisgarh State Power Generation Company Limited**

In Rs. Crores

Sr. No.	DSPM Loan Details	FY 2021-22		
	Particulars	Order	Rate (%)	Outstanding Balance
1	REC			-
2	Weighted Average rate of Interest	10.25%		10.25%

FORM - 13A - INTEREST ON LOAN CAPITAL

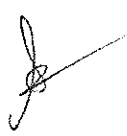
In Rs. Crores

Particulars	FY 2021-22	
	Tariff Order	Actual
Total Opening Net Normative Loan		137.84
Repayment during the period		130.16
Additional Capitalisation		11.66
Debt %		0.70
Increase/Decrease due to ACE during the Year		8.16
Total Closing Net Normative Loan		15.84
Average Loan during the year		76.84
Weighted Average Interest Rate		10.25%
Interest Expense for the Period		7.88
Savings on interest rate due to refinancing		0.60%
Share of savings due to interest rate		0.15
Finance and Other Charges		0.04
Total Interest Expenses	8.86	8.07

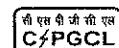
FORM - 13B - INTEREST ON WORKING CAPITAL (Revised)

In Rs. Crores

Particulars	FY 2021-22	
	Tariff Order	Actual
Cost of Coal (1 month for pit head, 1.5 month for non-pit head)		48.01
Cost of Oil (2 months)		1.64
O&M Expenses (1 months)		15.89
Maintenance spares (40% of R&M)		36.58
Receivables (1 month)		93.72
Total Working Capital Requirement		195.85
Rate of interest for working capital (As on 1 st April)		10.90%
Interest on Working Capital	19.16	21.35



True up for FY 21-22



FORM - 15 -DETAILS/INFORMATION OF PRIMARY FUEL FOR COMPUTATION OF ENERGY CHARGES (Revised)

Name of Power Station: **Dr. Shyama Prasad Mukherjee TPS (DSPM)**
 Name of the Company: **Chhattisgarh State Power Generation Company Limited**

Primary Fuel (Coal)

S. N.	Particulars	Units	ROBERTSON	KTPS	SECL	TOTAL
1	Coal supplied for Rail Loading	MT	298568.55	5770.65	2452085.11	2756424.31
2	Transit Loss from Mine to Rly Siding	%	0.10%	0.00%	0.00%	0.01%
3	RR Quantity (Rakes recd. at Plant)	MT	298265.61	5770.65	2452085.11	2756121.37
4	Transit Loss RR to Plant	%	0.19%	0.19%	0.19%	0.19%
5	Net Coal Received	MT	297706.51	5759.83	2447488.66	2750955.00
6	Rate Charged by Coal Company	Rs. /MT	1268.29	1787.67	1816.13	1756.73
7	Amount Charged by Coal Company	Rs. Cr.	37.87	1.03	445.33	484.23
8	Stock transfer from plant	MT	-	-	-	-
9	Amount charged against stock transfer	Rs. Cr.	-	-	-	-
10	Total amount Charged	Rs Cr	37.87	1.03	445.33	484.23
11	Road transportation Charge	Rs Cr	24.75	0.00	0.00	24.75
12	Rail Transportation charges	Rs Cr	7.49	0.00	49.74	57.23
13	Total Transportation Charges	Rs Cr	32.24	0.00	49.74	81.98
14	Transportation Charge	Rs. /MT	1082.93	0.00	203.23	298.01
15	Coal Sampling Charges	Rs Cr	0.00	0.00	1.27	1.27
16	Other Charges	Rs Cr	0.50	0.01	4.10	4.61
17	Total amount Charged for coal	Rs. Cr.	70.60	1.04	500.44	572.09
18	Rate of Coal per MT at actual Transit Loss	Rs. /MT	2371.63	1804.41	2044.72	2079.60
19	Total Actual Transit Loss	MT	0.29%	0.19%	0.19%	0.20%
20	Total Normative Transit loss	%	1.00%	0.20%	0.20%	0.29%
21	Rate of Coal at Normative Transit Loss	Rs. /MT	2388.63	1804.64	2044.98	2081.43

FORM - 15B - CALCULATION OF FUEL COST & ENERGY CHARGES (Revised)

Name of Power Station: **Dr. Shyama Prasad Mukherjee TPS (DSPM)**
 Name of the Company: **Chhattisgarh State Power Generation Company Limited**

Particulars	Units	FY 2021-22	
		Normative Operational Parameters	Actual Operational Parameters
Capacity	MW	500	500
Plant Load Factor	%	85.00%	96.29%
Gross Generation	MU	3,723.00	3908.42
Auxiliary Consumption	%	9.00%	7.95%
Auxiliary Consumption	MU	335.07	310.82
Net Generation	MU	3387.93	3597.60
Station Heat Rate	kcal/kWh	2500.00	2409.43
Sp. Oil Consumption	ml/kWh	0.50	0.09
GCV of Coal	kcal/kg	3355.74	3355.74
Calorific Value of Oil	kcal/l	10000.00	10000
Overall Heat	G Cal	9307500.00	9417052
Heat from Oil	G Cal	18615.00	3376.14
Heat from Coal	G Cal	9288885.00	9413676
Oil Consumption	kL	1861.50	337.61
Coal Consumption	MT	2768055.74	2805243
Specific Coal Consumption	kg/kWh	0.74	0.72
Price of Coal	Rs./MT	2081.60	2079.60
Price of Oil (Average)	Rs. /kL	89068.21	89068.21
Price of Oil (for WC)	Rs./kL	52882.02	-
Coal Cost	Rs. Crore	576.20	583.38
Oil Cost	Rs. Crore	16.58	3.01
Total Fuel Cost	Rs. Crore	592.78	586.38
Oil Cost (for WC)	Rs. Crore	9.84	-
Coal Cost/Net Generation	Rs./kWh	1.70	1.622
Oil Cost/Net Generation	Rs./kWh	0.05	0.008



Hasdeo Thermal Power Station (HTPS)**FORM - 1 - ANNUAL REVENUE REQUIREMENT (Revised)**

Name of Power Station: **Hasdeo Thermal Power station (HTPS)**
 Name of the Company: **Chhattisgarh State Power Generation Company Limited**

Particulars	In Rs. Crores	
	FY 2021-22	
	Tariff Order	Actual
Depreciation	37.73	35.31
Interest & Finance Charges	24.29	21.28
Return on Equity	72.71	70.65
O&M Expense	361.03	308.12
Interest on Working Capital	27.71	28.47
Less: Non-Tariff Income	7.15	9.42
Total Annual Capacity Charge	516.45	454.42
Cost of Coal	759.20	740.08
Cost of Oil	25.99	27.57
Total Energy Charges	784.93	767.65
Contribution to Gratuity/Pension Fund	104.49	104.49
Ash Utilization Expenses	0.00	6.56
Aggregate Revenue Requirement	1,405.86	1,333.12

1x500 MW Korba West TPP (KWTPP)**FORM - 1 - ANNUAL REVENUE REQUIREMENT (Revised)**

Name of Power Station: **1x500 MW Korba West TPP (KWTPP)**
 Name of the Company: **Chhattisgarh State Power Generation Company Limited**

Particulars	In Rs. Crores	
	FY 2021-22	
	Tariff Order	Actual
Depreciation	233.99	222.49
Interest & Finance Charges	170.52	161.28
Return on Equity	97.92	97.16
O&M Expense	108.74	115.21
Interest on Working Capital	16.94	18.11
Less: Non-Tariff Income	3.03	5.19
Total Annual Capacity Charge	625.12	609.07
Cost of Coal	438.47	511.17
Cost of Oil	9.29	6.58
Total Energy Charges	447.92	517.75
Contribution to Gratuity/Pension Fund	23.21	23.21
Ash Utilization Expenses	0.00	4.51
Aggregate Revenue Requirement	1,096.25	1,154.54



Atal Bihari Vajpai TPS**FORM - 1 - ANNUAL REVENUE REQUIREMENT (Revised)**Name of Power Station: **ABVTPS**Name of the Company: **Chhattisgarh State Power Generation Company Limited**

In Rs. Crores

Particulars	FY 2021-22	
	Approved	Actual
Depreciation	532.78	521.53
Interest & Finance Charges	571.84	545.28
Return on Equity	170.07	169.41
O&M Expense	217.47	252.12
Interest on Working Capital	40.45	37.75
Less: Non-Tariff Income	6.38	11.05
Total Annual Capacity Charge	1,526.18	1,515.04
Cost of Coal	872.06	811.10
Cost of Oil	16.60	16.08
Total Energy Charges	888.67	827.18
Contribution to Gratuity/Pension Fund	63.46	- 63.46
Ash Transportation Expenses	0.00	19.14
Aggregate Revenue Requirement	2,478.31	2,424.82



FORM - 13 - CALCULATION OF WEIGHTED AVERAGE RATE OF INTEREST ON ACTUAL LOANSName of Power Station: **ABVTPS**Name of the Company: **Chhattisgarh State Power Generation Company Limited**

In Rs. Crores

Sr. No.	ABVTPS Loan Details	FY 2021-22		
	Particulars	Tariff Order	Rate (%)	Outstanding Balance
1	PFC		10.15%	5474.81
2	Weighted Avg. Interest	9.90%		10.15%

FORM - 13A - INTEREST ON LOAN CAPITAL

In Rs. Crores

Particulars	FY 2021-22	
	Tariff Order	Actual
Total Opening Net Normative Loan		5504.60
Repayment during the period		521.53
Additional Capitalisation in Project Cost		12.02
Other Additional Capitalisation (Approved in CIP)		3.54
Debt % in Project Cost		88%
Debt % in Other Capitalisation (CIP)		70%
Increase/Decrease due to ACE during the Year		13.00
Total Closing Net Normative Loan		4996.08
Average Loan during the year		5250.34
Weighted Average Interest Rate		10.15%
Interest Expense for the Period		532.94
Savings on interest rate due to refinancing		0.70%
Share of savings due to interest rate		12.24
Finance and Other Charges		0.09
Total Interest Expenses	571.84	545.28

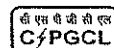
FORM - 13B - INTEREST ON WORKING CAPITAL (Revised)

In Rs. Crores

Particulars	FY 2021-22	
	Approved	Actual
Cost of Coal (1.5 month for non-pit head)		130.18
Cost of Oil (2 months)		2.98
O&M Expenses (1 months)		18.93
Maintenance spares (40% of R&M)		36.35
Receivables (1 month)		157.92
Total Working Capital Requirement		346.35
Rate of interest for working capital (as on 1st April)		10.90%
Interest on Working Capital	40.45	37.75



True up for FY 21-22



FORM - 15 -DETAILS/INFORMATION OF PRIMARY FUEL FOR COMPUTATION OF ENERGY CHARGES (Revised)

Name of Power Station: **ABVTPS**
 Name of the Company: **Chhattisgarh State Power Generation Company Limited**

Primary Fuel (Coal)

S.N.	Particulars	Units	ROBERTSON	GHARGHODA	SECL	TOTAL
1	Coal supplied for Rail Loading	MT	2126019.25	1086812.03	402657.16	3615488.45
2	Transit Loss from Mine to Rly Siding	%	0.10%	0.20%	0.00%	0.12%
3	RR Quantity (Rakes recd. at Plant)	MT	2123862.13	1084616.14	402657.16	3611135.43
4	Transit Loss RR to Plant	%	0.79%	0.79%	0.79%	0.79%
5	Net Coal Received	MT	2106991.01	1076000.38	399458.61	3582450.00
6	Rate Charged by Coal Company	Rs./MT	1268.29	1268.29	1230.57	1264.09
7	Amount Charged by Coal Company	Rs. Cr.	269.64	137.84	49.55	457.03
8	Stock transfer from plant	MT	0.00	0.00	0.00	0.00
9	Amount charged against stock transfer	Rs. Cr.	0.00	0.00	0.00	0.00
10	Total amount Charged	Rs Cr	269.64	137.84	49.55	457.03
11	Road transportation Charge	Rs Cr	176.25	59.53	0.00	235.78
12	Rail Transportation charges	Rs Cr	53.25	47.48	14.72	115.45
13	Total Transportation Charges	Rs Cr	229.50	107.01	14.72	351.23
14	Transportation Charge	Rs./MT	1089.23	994.52	368.53	980.42
15	Coal Sampling Charges	Rs Cr	2.21	1.13	0.21	3.54
16	Other Charges	Rs Cr	0.96	0.49	0.18	1.63
17	Total amount Charged for coal	Rs. Cr.	502.31	246.47	64.66	813.44
18	Rate of Coal per MT at actual Transit Loss	Rs./MT	2384.00	2290.57	1618.75	2270.61
19	Total Actual Transit Loss	MT	0.90%	0.99%	0.79%	0.91%
20	Total Normative Transit loss	%	1.00%	1.00%	0.80%	0.98%
21	Rate of Coal at Normative Transit Loss	Rs./MT	2386.49	2290.66	1618.85	2272.04

FORM - 15B - CALCULATION OF FUEL COST & ENERGY CHARGES (Revised)Name of Power Station: **ABVTPS**Name of the Company: **Chhattisgarh State Power Generation Company Limited**

Particulars	Units	FY 2021-22	
		Normative Operational Parameters	Actual Operational Parameters
Capacity	MW	1000	1000
Plant Load Factor	%	76.50%	54.67%
Gross Generation	MU	6,701.40	4,828.05
Auxiliary Consumption	%	5.25%	6.12%
Auxiliary Consumption	MU	351.82	295.50
Net Generation	MU	6349.58	4532.54
Station Heat Rate	kcal/kWh	2378.42	2572.42
Sp. Oil Consumption	ml/kWh	0.50	0.50
GCV of Coal	kcal/kg	3470.00	3470.00
Calorific Value of Oil	kcal/l	10000	10000
Overall Heat	G Cal	15938744	12419739
Heat from Oil	G Cal	33507	24243.80
Heat from Coal	G Cal	15905237	12395495
Oil Consumption	kL	3,350.70	2424.38
Coal Consumption	MT	4583635	3572184
Specific Coal Consumption	kg/kWh	0.68	0.74
Price of Coal	Rs./MT	2272.04	2270.61
Price of Oil (Average)	Rs./kL	66308.06	66308
Price of Oil (for WC)	Rs./kL	53318.11	-
Coal Cost	Rs. Crore	1,041.42	811.10
Oil Cost	Rs. Crore	22.22	16.08
Total Fuel Cost	Rs. Crore	1,063.64	827.18
Oil Cost(for WC)	Rs. Crore	17.87	-
Coal Cost/Net Generation	Rs./kWh	1.640	1.790
Oil Cost/Net Generation	Rs./kWh	0.035	0.035



HASDEO BANGO HPS
FORM – 1 – ANNUAL REVENUE REQUIREMENT

Name of Power Station: **Hasdeo Bango**
Name of the Company: **Chhattisgarh State Power Generation Company Limited**

Particulars	In Rs. Crores	
	FY 2021-22	
	Tariff Order	Actual
Depreciation	2.96	2.77
Interest & Finance Charges	0.00	0.00
Return on Equity	5.92	5.91
O&M Expense	15.62	8.07
Impact of Wage Revision	0.00	-
Interest on Working Capital	0.50	1.02
Less: Non-Tariff Income	0.03	0.02
Total Annual Capacity Charge	24.94	17.75
Contribution to Gratuity/Pension Fund	3.31	3.30
Aggregate Revenue Requirement	28.24	21.05

Blank

Revenue Gap/(Surplus) (Revised)

FY 2021-22

In Rs. Crores

Particulars	Actual
	FY 2021-22
ARR for HTPS	1,333.12
ARR for DSPM TPS	1,061.60
ARR for KWTPP	1,154.54
ARR for ABVTPS	2,424.82
ARR for Hasdeo Bango	21.05
Sub Total	5,995.12
Additional claim on account of sharing gain (loss) of CSPGCL	-149.53
Petition Filing Fee & Advertising expenses	0.47174
Impact of previous year revenue gap	324.03
Water,SLDC charges & start up power for recovery	142.92
Cost on account of Change in law	40.83
Income Tax for Current Year	9.20
Total ARR	6,363.04
Revenue from sale of power for HTPS	1,301.73
Revenue from sale of power for DSPM TPS	1,100.49
Revenue from sale of power for KWTPP	1,144.64
Revenue from sale of power for ABVTPS	1,860.69
Revenue from sale of power for Hasdeo Bango	40.59
Revenue from Sale of Power	5,448.14
Water,SLDC charges & start up power for recovery	142.92
Recovery Impact of previous year revenue gap	324.03
Total Recovery & Revenue	5,915.09
Standalone ARR Gap for the year	447.94

Rs. Crore

Gap/ (Surplus) due to True up

Particulars	FY 2021-22	FY 2022-23	FY 2023-24
Opening Gap/(Surplus) for the year	-	472.36	514.87
Gap/(Surplus) for the year	447.94	-	
Closing Gap/(Surplus)	447.94	472.36	-
Interest Rate (%)	10.90%	9.00%	9.00%
Holding/Carrying Interest/Cost for the year	24.41	42.51	23.17
Closing Gap/(Surplus)	472.36	514.87	538.04
Total Proposed to be repaid in twelve monthly instalment	-	-	538.04

FORM - 22 - SHARING OF GAINS AND LOSSES (Revised)

Name of the Company: **Chhattisgarh State Power Generation Company Limited**
FY 2021-22

Particulars	Units	HTPS	DSPM	KWTPP	ABVTPS	H.Bango
Fixed Charges @ NPAF						
Installed capacity	MW	840	500	500	1000	120
NPAF as per MYT Regulations	%	78.69%	85.00%	85.00%	76.50%	-
Actual PAF achieved (billed)	%	68.45%	96.29%	84.93%	54.67%	-
Normative Net Generation	MU	5228.66	3387.93	3527.54	6349.58	400.08
Actual Net generation	MU	4538.36	3597.60	3533.47	4532.54	403.35
Net generation for Fuel Cost recovery	MU	4538.36	3597.60	3533.47	4532.54	403.35
Fixed Cost (norm-wise)						
Depreciation	Rs Cr	35.31	130.16	222.49	521.53	2.77
Interest on Loan and Finance charges	Rs Cr	21.28	8.07	161.28	545.28	0.00
Return on Equity	Rs Cr	70.65	109.86	97.16	169.41	5.91
Interest on Working Capital	Rs Cr	28.47	21.35	18.11	37.75	1.02
O & M Expenses	Rs Cr	374.74	190.72	113.58	227.16	16.06
Less - Non-Tariff Income	Rs Cr	9.42	5.47	5.19	11.05	0.02
Fixed Cost allowed on Normative Basis	Rs Cr	521.05	454.68	607.44	1490.08	25.75
Fixed cost expenditure excluding O&M	Rs Cr	146.30	263.96	493.85	1262.92	9.68
Normative Fixed Cost (Cr. Rs/% of PAF) excl. O&M	Rs Cr./%PAF	1.86	3.11	5.81	16.51	0.02
Pro-rata Fixed cost allowable from Actual PAF	Rs Cr	127.27	299.02	493.45	902.53	9.76
Fixed cost gain from normative cost	Rs Cr	-19.04	35.06	-0.41	-360.39	0.08
Total gain / loss	Rs Cr	-344.69				
R&M + A&G expenses						
Normative R&M + A&G Cost allowed	Rs Crore	134.39	105.17	64.74	129.48	4.38
Normative R&M + A&G Cost (Cr. Rs/% of PAF)	Rs Cr./%PAF	1.71	1.24	0.76	1.69	0.01
Pro-rata R&M+A&G cost allowable from actual PAF	Rs Crore	116.90	119.13	64.69	92.53	4.42
Actual R&M + A&G expenditure	Rs Crore	111.99	70.52	66.30	119.93	2.82
Difference of recovery and expenditure	Rs Cr	4.90	48.62	-1.61	-27.40	1.60
Total gain / loss		26.12				
Secondary Fuel Cost						
Normative SFC	Rs Cr	32.86	16.58	11.74	22.22	0.00
Normative SF Cost derived from Norm Net Gen	Rs/kwh	0.06	0.05	0.03	0.03	0.00
Secondary fuel cost recovery from actual generation	Rs Cr	28.52	17.61	11.76	15.86	0.00
Actual SFC incurred	Rs Cr	27.57	3.01	6.58	16.08	0.00
Savings due to performance improvement	Rs Cr	0.94	14.60	5.18	-0.22	0.00
Total Impact of Savings/Excess Expenditure due to SFC	Rs Cr	20.51				
Coal Cost (primary fuel)						
Normative Coal Cost	Rs Cr	825.77	576.15	479.582	1041.42	0.00
Normative ECR (Coal)	Rs/kwh	1.58	1.70	1.36	1.64	0.00
Normative fuel cost on actual sent out	Rs Cr	716.75	611.81	480.39	743.40	0.00
Actual fuel cost	Rs Cr	740.08	583.38	511.17	811.10	0.00
Coal Cost Surplus/(deficit)	Rs Cr	-23.33	28.43	-30.78	-67.70	0.00
Total Impact of Savings/Excess Expenditure due to Coal	Rs Cr	-93.38				
Total plant wise impact of gain/ loss	Rs Cr	-36.52	126.71	-27.62	-455.70	1.68
Total Impact of Savings/Excess Expenditure	Rs Cr	-391.45				
Plant-wise Impact of DSM Charges	Rs Cr	27.95	23.46	17.45	23.52	0.00
Total Impact of DSM Charges	Rs Cr	92.38				
Net total Impact Savings/Excess Expenditure	Rs Cr	-299.07				
Net applicable Gain/(-)Loss to CSPGCL on 50:50 basis	Rs Cr	-149.53				

Blank

— * — * — * —

