

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of **Sipat Super Thermal Power Station Stage-II (2x500 MW)** for the period from **01.04.2024 to 31.03.2029**.

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Summary of Issues: Sipat Super Thermal Power Station Stage-II (Sipat-II) (2x500 MW)

(In compliance with CERC notice dated 07.06.2024)

The major highlights of the Sipat-II (1000 MW) Truing up petition are as follows: -

The present petition is being filed under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation 9(2) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for determination of tariff of Sipat-II (1000 MW) for the period from 01.04.2024 to 31.03.2029. The tariff for Sipat-II include actual capital cost on 01.04.2024 and projected additional capital expenditure for 2024-29 period.

Sipat-II is located at District Bilaspur, Chhattisgarh (CG) and comprises of two units of 500 MW each with their respective COD's as 20.06.2008 & 01.01.2009. The power generated from Sipat-II is being supplied to various discoms as per MoP allocation and respective PPAs including Madhya Pradesh Power Management Company Limited (MPPMCL), Gujarat Urja Vikas Nigam Limited (GUVNL), Maharashtra State Electricity Distribution Company Limited (MSEDCL), Chhattisgarh State Power Distribution Company Limited (CSPDCL), Electricity Department of Goa (EDG), Dadra and Nagar Haveli and Daman and Diu Power Distribution Corporation Limited (DNHDDPDCL).

The tariff for Sipat-II for the period from 01.04.2019 to 31.3.2024 was determined by the Hon'ble Commission vide order dated 04.06.2022 in Petition No. 435/GT/2020. The capital cost allowed for tariff determination included the projected additional capital expenditure admitted by the Hon'ble Commission after prudence check.

The tariff petition of Sipat-II for the tariff period 2019-24 after the truing up exercise based on actual expenditures as on 31.03.2024 has been filed vide affidavit dated 19.11.2024 as per provisions of Regulation 13 of CERC Tariff Regulations 2019. Accordingly, the opening capital cost as on 01.04.2024 has been considered the same as closing capital cost as on 31.03.2024 as per the said true-up petition.

The projected Additional Capital Expenditure on cash basis for the FY 2024-25, 2025-26, 2026-27, 2027-28, 2028-29 are Rs 7.49 Cr, Rs 11.8 Cr, Rs 15.10 Cr, Rs 5 Cr and Rs 7 Cr respectively amounting to total of Rs 46.40 Cr during the 2024-29 period. The same has been depicted year wise in Form 9A of the Appendix-I along with applicable regulations and justification for the claims. It is humbly requested to approve the projected Additional Capital expenditure during the period of 2024-29.

Also, the Combustion Modification System for De-NOx as part of Emission Control System has been installed in the instant Station in 2019-24 period. The Supplementary Tariff on behalf of the same for 2024-29 period is attached at Appendix-IA. The Hon'ble Commission may be pleased to approve the same.

Tariff Regulation 2024, clause 36(6) provides for water charges, security expenses and ash transportation expenses to be allowed separately. The Hon'ble Commission may be pleased to allow the same subject to retrospective adjustment based on actuals at the time of truing up. Further, to avoid the interest payment liability of the beneficiaries, it is prayed that the petitioner may be allowed to recover/ pass on the ash transportation charges on a monthly basis subject to true-up at the end of the 2024-29 period. The ash transportation expenses claim has been depicted in Form 3A of Appendix-I.

Hon'ble Commission may please allow the claims of water charges and security expenses for the instant station as per projection, as claimed by the Petitioner in Form 3A of Appendix-I.

- It is mentionable that the bipartite water agreement between NTPC Sipat STPS and Govt of C.G. directs NTPC to pay water charges on basis of water allocated or drawn whichever is higher. It is submitted that water is subject matter under the control of State Government and NTPC has no control over it. It is also an essential input for generation of electricity from a thermal power plant. NTPC is bound to pay the water charges as per the agreement with the State Government. The details for the water charges claim for 2024-29 as per the agreement is submitted in Form 3A and Form 19. Hon'ble Commission may please allow the claim of water charges paid on projection basis. Copy of water agreement between NTPC Sipat STPS and Govt of C.G. is enclosed along with the petition at Annex F
- It is further mentioned that the Sipat STPS is a central government owned thermal power station which is of national importance. Safety and security of these nationally important infrastructure projects against any threat perception is a prime concern. The main security of these central government owned thermal power station is provided by the Central Industrial Security Force (CISF). CISF is a statutory body set up under an Act of the Parliament of India and a central armed police force in India under the Ministry of Home Affairs (MHA) whose primary mission is to provide security to large institutions like Sipat STPS. Deployment of the CISF is done as per the security threat perception, survey and as per the guidelines of MHA. In addition to the CISF, certain security is provided by other local and national agencies for critically

less sensitive locations as per the plant specific needs. In view of this Hon'ble Commission may please allow the claims of security expenses as per projection for 2024-29 as submitted in Form 3A.

- Sipat-II has induced draft cooling tower. Accordingly, the normative APC has been computed as 5.75 %. Hon'ble Commission may please allow the same as per Regulation 70 (E) of the Tariff Regulation 2024.

In the light of above submission and as per the Petition being filed by the Petitioner for determination of tariff of Sipat-II Station (1000 MW), The Hon'ble Commission may please approve revised tariff for the tariff period 2024-29 as per provision of Regulation 9 of Tariff Regulations 2024.

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NEW DELHI

PETITION NO.....

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AND
IN THE MATTER OF

Petitioner: : NTPC Ltd.
 NTPC Bhawan
 Core-7, Scope Complex
 7, Institutional Area, Lodhi Road
 New Delhi-110 003.

Respondents

1. Madhya Pradesh Power Management Company Ltd. (MPPMCL), Shakti Bhawan, Vidyut Nagar, Jabalpur 482 008
2. Maharashtra State Electricity Distribution Co Ltd. (MSEDCL) Prakashgad, Bandra (East), Mumbai 400 051
3. Gujarat Urja Vikas Nigam Ltd. (GUVNL)
 Vidyut Bhavan, Race Course
 Vadodara – 390 007
4. Chhattisgarh State Power Distribution Co. Ltd (CSPDCL)
 P.O. Sundar Nagar,
 Danganiya, Raipur – 492013

- 5 Electricity Department
Government of Goa (EDG)
Vidyut Bhawan, Panaji, Goa
- 6 Dadra And Nagar Haveli and Daman and Diu Power
Distribution Corporation Limited (DNHDDPDCL).
1st & 2nd Floor, Vidyut Bhavan, Silvassa-396230, DNH, India

The Petitioner humbly states that:

- 1) The Petitioner herein NTPC Ltd. (hereinafter referred to as '**Petitioner**' or '**NTPC**'), is a company incorporated under provisions of the Company Act, 1956 and a Government Company as defined under Section 2(45) of the Companies Act, 2013. Further, NTPC is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) In terms of Section 79(1)(a) of Electricity Act, 2003, the Hon'ble Commission has been vested with the functions to regulate the tariff of NTPC, being a Generating Company owned and controlled by the Central Government. The regulation of the tariff of NTPC is as provided under Section 79(1)(a) read with Section 61, 62 and 64 of the Electricity Act, 2003 and the Regulations notified by the Hon'ble Commission in exercise of powers under Section 178 read with Section 61 of the Electricity Act, 2003.
- 3) The Petitioner is having power stations/ projects at different regions and places in the country. Sipat Super Thermal Power Station Stage-II (2x500 MW) (hereinafter referred to as "Sipat-II") is one such station located in the State of Chhattisgarh. The power generated from Sipat-II is being supplied to the respondents herein above.
- 4) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2024 (hereinafter 'Tariff Regulations 2024') which came into force from 01.04.2024, specifying the terms & conditions and methodology of tariff determination for the period 01.04.2024 to 31.03.2029.

- 5) Regulation 9(2) of Tariff Regulations 2024 provides as follows:

“(2) In case of an existing generating station or unit thereof, or transmission system or element thereof, the application shall be made by the generating company or the transmission licensee, as the case may be, by 30.11.2024 , based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2024 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2024-29 along with the true up petition for the period 2019-24 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2019.”

In terms of above, the Petitioner is filing the present petition for determination of tariff for Sipat-II for the period from 01.04.2024 to 31.03.2029 as per the Tariff Regulations 2024.

- 6) The tariff of the Sipat-II for the tariff period 1.4.2019 to 31.3.2024 was determined by the Hon'ble Commission vide its order dated 04.06.2022 in Petition No. 435/GT/2020 in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2019. The petitioner vide affidavit dated 19.11.2024 had filed a separate true up petition for the period 01.04.2019 to 31.03.2024 for revision of tariff in line with the applicable provisions of Tariff Regulations 2019.
- 7) It is submitted that Hon'ble Commission vide order dated 04.06.2022 in Petition no 435/GT/2020 has allowed a capital cost of Rs 4343.22 Cr. as on 31.03.2024 based on the admitted projected capital expenditure for the 2019-24 period. However, the actual closing capital cost as on 31.03.2024 has been worked out in the aforesaid true-up petition as Rs. 4300.92 Crs based on the actual expenditure after truing up exercise for the period 2019-24. Accordingly, the opening capital cost as on 01.04.2024 has been considered as Rs 4300.92 Cr. in the instant petition. The Hon'ble Commission may be pleased to accordingly adopt this adjustment in the admitted capital cost as on 31.3.2024 and determine the tariff in the present petition for the period 2024-29.
- 8) The capital cost claimed in the instant petition is based on the opening capital cost as on 01.04.2024 considered as above and projected estimated capital expenditures claimed

for the period 2024-29 under Regulation 19 and Regulation 24, 25 and 26 of the Tariff Regulations, 2024.

- 9) The Petitioner further respectfully submits that as per Regulation 36(1)(6) of the Tariff Regulations 2024, the water charges, security expenses, ash transportation expenses and capital spares consumed for thermal generating stations are to be allowed separately. The details in respect of water charges such as type of cooling water system, water consumption, rate of water charges as applicable for 2023-24 have been furnished below. Water charges claimed is based on projection basis year on year and same may be allowed in tariff based on the same for the 2024-29. In accordance with provision of the Regulations, the petitioner shall be furnishing the details of actual for the relevant year at the time of truing up and the same shall be subject to retrospective adjustment.

Description	Remarks
Type of Plant	Coal based thermal power station
Type of cooling water system	Closed Circuit Cooling System
Rate of Water charges	12.25 Rs/CuM
Total Water Charges	3677.54 lacs

- 10) Similarly, the Petitioner is claiming the security & ash transportation expenses based on the estimated expenses for the period 2024-29, the same shall be subject to retrospective adjustment based on actuals at the time of truing up. In respect of capital spares consumption, it is submitted that the same shall be claimed at the time of true-up in terms of the proviso to the Regulation 36(1)(6) based on actual consumption of spares during the period 2024-29.
- 11) However, it is submitted that the expenditure towards the ash transportation charges is recurring in nature and the Petitioner has been incurring ash transportation expenditure in its stations in the current tariff period also. In case the same is permitted to be recovered after the issuance of the tariff order for the period 2024-29, there will be additional liability on the beneficiary on account of the interest payment for the period till the time the tariff petitions for the period 2024-29 is decided. To avoid the interest payment liability of the beneficiaries, it is prayed that the petitioner may be allowed to recover/ pass on the ash

transportation charges on a monthly basis subject to true-up at the end of the 2024-29 period.

- 12) The petitioner humbly submits that petition no. 227/MP/2024 has been filed by the petitioner concerning Ash utilisation Expenditure for its stations which is under active consideration of this Hon'ble Commission and the outcome of the said petition will be applicable to the instant petition also.

- 13) The Petitioner humbly submits that the pay/wage revision for the employees of the Petitioner will be due wef 01.01.2027. Further, the wage/pay revision of CISF and Kendriya Vidyalaya employees will also be due for revision during the tariff period 2024-29. Regulation-36(1)(8) of CERC (Terms & Conditions of Tariff) Regulations-2024 provides as below:

“In the case of a generating company owned by the Central or State Government, the impact on account of implementation of wage or pay revision shall be allowed at the time of truing up of tariff.”

In accordance with the above said regulation, the Petitioner shall approach the Hon'ble Commission for allowing the impact of Pay/wage revision of employees of the Petitioner i.e. NTPC Limited, CISF and Kendriya Vidyalaya (wherever applicable) as additional O&M at the time of truing-up of tariff for the control period 2024-29. Hon'ble Commission may be pleased to consider the impact of wage/pay revision as an additional impact on O&M and allow the same as additional O&M over and above the normative O&M.

- 14) The present petition is filed on the basis of norms specified in the Tariff Regulations 2024. It is submitted that the petitioner is in the process of installing the Emission Control Systems (ECS) in compliance of the Revised Emission Standards as notified by MOEF vide notification dated 07.12.2015 as amended. Completion of these schemes in compliance of revised emission norms will affect the Station APC, Heat Rate, O&M, water consumption expenses etc. In addition, the availability of the unit/ station would be also affected due to shutdown of the units for installation of ECS. The petitioner would be filing the details of the same in terms of the Regulation 29 of CERC (Terms& Conditions of Tariff) Regulations 2024.

However, it is submitted that Combustion modification system (De-NoX) has been installed and commissioned in both the units of Sipat-II (Unit-4 & 5) and the supplementary tariff has been calculated for 2024-29 and Appendix-IA is attached with the petition.

- 15) It is submitted that in terms of Regulation 60 (5) of the Tariff Regulations 2024, the Petitioner is required to furnish details *qua* providing the details of Landed Price & Gross Calorific Value (“**GCV**”) of coal in Form 15. It is further submitted that the Petitioner in terms of Regulation 40 of the Tariff Regulations 2019 was required to furnish the details for Landed Price & GCV of coal also as per Form 15 of the Tariff Regulations, 2019.
- 16) However, in so far as the present Petition is concerned, the Petitioner has prepared & submitted the data of coal as per Form 15 of the Tariff Regulations, 2019. The same is because of the following reasons:-
- 17) This Hon'ble Commission had notified the Tariff Regulations, 2019 on 07.03.2019 and the same was in effect till 31.03.2024.
- 18) The Petitioner being a diligent utility has been seamlessly providing the said data of coal in terms of the prescribed format (i.e. Form 15 of Annexure-I (Part I)) of the Tariff Regulations, 2019 to this Hon'ble Commission for computation of Interest on Working Capital.
- 19) Thereafter, this Hon'ble Commission on 15.03.2024 notified the Tariff Regulations, 2024, wherein the format of Form 15 was changed/ amended by this Hon'ble Commission and a new format was placed in the Tariff Regulations 2024 in the month of June'2024.
- 20) By virtue of the said change, the Petitioner has been obligated to furnish the data of coal for its existing plants month wise for the preceding 12 months i.e. for FY 2023-24 for computation of Interest on Working Capital.
- 21) It is humbly submitted that by virtue of the Tariff Regulations, 2024, this Hon'ble Commission has added a new format/ revised the format of Form-15 which has not

prescribed in the past Tariff Regulations i.e. of 2019. Hence, it is only now (in the Tariff Regulations 2024) that the Petitioner has been obligated to furnish the data of coal as per the new format of Form-15.

- 22) A True copy of the Form 15 of Tariff Regulations 2019 and Form 15 of Tariff Regulations 2024, is marked and annexed herewith as **Annexure F**.
- 23) It is respectfully submitted that since the format for Form 15 has been changed in Tariff Regulations, 2024 and was notified in the month of June'2024, the Petitioner could not have been aware about the said changes earlier, hence the Petitioner did not maintain the data required in new format of Form 15 of Tariff Regulations, 2024.
- 24) Therefore, this Hon'ble Commission may kindly exempt the Petitioner from furnishing the data of coal in terms of new format of Form 15 of the Tariff Regulations, 2024 & may be allowed to furnish the details of coal for FY 2023-24 in terms of the prescribed format of Form-15 of the Tariff Regulations, 2019.
- 25) In light of the above submissions, it may kindly be noted that no prejudice shall be caused to any party if the Petitioner is allowed for providing the details of Landed Price & GCV of coal to this Hon'ble Commission in terms of Form 15 of the Tariff Regulations, 2019 as the value of Landed Price & GCV of coal will remains unaffected.
- 26) It is submitted that the Petitioner has already paid the requisite filing fee vide Transaction ID 37c568eba62158b7b321 on 24.04.2024 for the year 2024-25 and the details of the same have been duly furnished to the Hon'ble Commission vide email dtd. 29.04.2024. For the subsequent years, it shall be paid as per the provisions of the CERC (Payment of Fees) Regulations, 2012 as amended. Further Regulation 94 (1) of Tariff Regulations 2024 provides that the application fee and publication expenses may be allowed to be recovered directly from the beneficiaries at the discretion of the Hon'ble Commission. Accordingly, it is prayed that Hon'ble Commission may be pleased to allow recover filing fee and publication fee directly from the beneficiaries.

- 27) The petitioner has accordingly calculated the tariff for 2024-29 period based on the above and the same is enclosed as **Appendix-I & IA** to this petition.
- 28) It is submitted that the Petitioner has uploaded the copy of the Petition at CERC site (Saudamini), the access of which is available to all the Respondents mentioned herein above and therefore the petition stands served to all the respondents. Further, the petitioner has also posted the Petition on the company website i.e. www.ntpc.co.in.
- 29) In accordance with the 'Conduct of Business Regulations 2023' of the Hon'ble Commission, the Petitioner shall, within 7 days after filing the tariff petition, publish a notice about such filing in at least two daily leading digital newspapers one in English language and another in any of the Indian languages, having wide circulation in each of the States and Union Territories where the beneficiaries are situated, as per Form 14 appended to these regulations. Subsequently, the Petitioner shall submit the proof of publications as soft copies of the publications under an affidavit through the e-filing portal of the Hon'ble Commission within one week from the date of publication. Further, the Petitioner shall also submit the detail of expenses incurred for publication of the notice along with the prayer for recovery of Publication Expenses as per Regulation-94 of CERC Tariff Regulations 2024.
- 30) It is submitted that the petitioner is filing this tariff petition subject to the outcome of its various appeals/ petitions pending before different courts. Besides, the petitions filed by NTPC for determination of capital base as on 31.03.2024 through true-up exercise are pending before the Hon'ble Commission and would take some time. The Petitioner, therefore, reserves its right to amend the tariff petition as per the outcome in such appeals/ petitions, if required.

Prayers

In the light of the above submissions, the Petitioner, therefore, prays that the Hon'ble Commission may be pleased to:

- i) Approve tariff of Sipat-II (2X500 MW) for the tariff period 01.04.2024 to 31.03.2029.
- ii) Approve the supplementary tariff of Combustion modification system.
- iii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries.
- iv) Allow reimbursement of Ash utilization Expenditure directly from the beneficiaries on monthly basis, subject to true up.
- v) Allow the recovery of pay/wage revision as additional O&M over and above the normative O&M.
- vi) Pass any other order as it may deem fit in the circumstances mentioned above.

Petitioner

Noida

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF



Petitioner:

: Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of **Sipat-II Super Thermal Power Station (2x500 MW)** for the period from 01.04.2024 to 31.03.2029.

: NTPC Ltd.
 NTPC Bhawan
 Core-7, Scope Complex
 7, Institutional Area, Lodhi Road
 New Delhi-110 003

Respondents:

1. Madhya Pradesh Power Management
 Company Limited,
 Shakti Bhawan, Vidyut Nagar,
 Jabalpur 482 008

and others

AFFIDAVIT

I, Sameer Kumar Aggarwal, Son of Late Shri B K Aggarwal, aged about 51 years, working as Additional General Manager (Commercial) in the office of NTPC Limited, having its registered office at NTPC Bhawan, Scope Complex, Core-7, Lodhi Road, New Delhi-110003 do hereby solemnly affirm, and state as follows:

1. That the deponent is the Additional General Manager (Commercial) of the Petitioner NTPC Ltd. and is well conversant with the facts and the circumstances of the case and therefore competent to swear this affidavit.



SK Aggarwal

2. That the accompanying Petition under Section 62 and 79 (1) (a) of the Electricity Act, 2003, has been filed by my authorized representative under my instruction and the contents of the same are true and correct to the best of my knowledge and belief.
3. That the contents of Para No..... to as mentioned in the Petition are true and correct based on my personal knowledge, belief and records maintained in the office.
4. That the annexures annexed to the Petition are correct and true copies of the respective originals.
5. That the Deponent has not filed any other Petition or Appeal before any other forum or court of law with respect to the subject matter of the dispute.

fk Aggarwal

(Deponent)

समीर अग्रवाल/SAMEER AGGARWAL
अपर महाप्रबंधक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, Noida-201 301

Verification:

Verified at Noida on this 27th day of November 2024, that the contents of my above noted affidavit are true and correct to my knowledge and no part of it is false and nothing material has been concealed therefrom.

fk Aggarwal

(Deponent)

समीर अग्रवाल/SAMEER AGGARWAL
अपर महाप्रबंधक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, Noida-201 301 (U.P.)



ATTESTED

YOGENDRA SINGH
NOTARY NOIDA
G B NAGAR (U.P.) INDIA
27 NOV 2024

TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF

FOR

Sipat Super Thermal Power Station Stage-II

(From 01.04.2024 to 31.03.2029)

PART-I

APPENDIX-I

<u>Checklist of Main Tariff Forms and other information for tariff filing for Thermal Stations</u>		
Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM- 1	Summary of Tariff	✓
FORM -1 (I)	Statement showing claimed capital cost	✓
FORM -1 (II)	Statement showing Return on Equity	✓
FORM-2	Plant Characteristics	✓
FORM-3	Normative parameters considered for tariff computations	✓
FORM-3A**	Statement showing O&M Expenses	✓
FORM-3B**	Statement of Special Allowance	NA
FORM- 4	Details of Foreign loans	✓
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM-5A**	Abstract of Claimed Capital Cost for the existing Projects	✓
FORM- 6	Financial Package upto COD	NA
FORM- 7	Details of Project Specific Loans	✓
FORM- 8	Details of Allocation of corporate loans to various projects	✓
FORM-9A**	Summary of Statement of Additional Capitalisation claimed during the period	✓
FORM-9 ##	Statement of Additional Capitalisation after COD	✓
FORM- 10	Financing of Additional Capitalisation	✓
FORM- 11	Calculation of Depreciation on original project cost	NA
FORM- 12	Statement of Depreciation	✓
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	NA
FORM- 15	Details of Fuel for Computation of Energy Charges	✓
FORM- 15A	Details of Secondary Fuel for Computation of Energy Charges	✓
FORM- 15B	Computation of Energy Charges	✓
FORM- 16	Details of Limestone for Computation of Energy Charge Rate	NA
FORM-17	Details of Capital Spares	***
FORM- 18	Non-Tariff Income	***
FORM-19	Details of Water Charges	***
FORM-20	Details of Statutory Charges	***
## Provided yearwise for the period 2024-29		
** Additional Forms		PART-I
*** Shall be provided at the time of true up		
<u>List of Supporting Forms / documents for tariff filing for Thermal Stations</u>		
Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM-A	Abstract of Capital Cost Estimates	NA
FORM-B	Break-up of Capital Cost for Coal/Lignite based projects	NA
FORM-C	Break-up of Capital Cost for Gas/Liquid fuel based Projects	NA
FORM-D	Break-up of Construction/Supply/Service packages	NA
FORM-E	Details of variables , parameters , optional package etc. for New Project	NA
FORM-F	Details of cost over run	NA
FORM-G	Details of time over run	NA
FORM -H	Statement of Additional Capitalisation during end of the useful life	✓
FORM -I	Details of Assets De-capitalised during the period	***
FORM -J	Reconciliation of Capitalisation claimed vis-à-vis books of accounts	***
FORM -K	Statement showing details of items/assets/works claimed under Exclusions	***
FORM-L	Statement of Capital cost	✓
FORM-M	Statement of Capital Woks in Progress	✓
FORM-N	Calculation of Interest on Normative Loan	✓
FORM-O	Calculation of Interest on Working Capital	✓
FORM-P	Incidental Expenditure up to SCOD and up to Actual COD	NA
FORM-Q	Expenditure under different packages up to SCOD and up to Actual COD	NA
FORM-R	Actual cash expenditure	NA
FORM-S	Statement of Liability flow	✓
FORM-T	Summary of issues involved in the petition	✓
*** Shall be provided at the time of true up		

<u>List of supporting documents for tariff filing for Thermal Stations</u>		
S. No.	Information / Document	Tick
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association, & Articles of Association (For New Station setup by a company making tariff application for the first time to CERC)	NA
2	A. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures on COD of the Station for the new station & for the relevant years. B. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures for the existing station for relevant years.	*
3	Copies of relevant loan Agreements	NA
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	NA
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	NA
6	Copies of the BPSA/PPA with the beneficiaries, if any	NA
7	Detailed note giving reasons of cost and time over run, if applicable. List of supporting documents to be submitted: a. Detailed Project Report b. CPM Analysis c. PERT Chart and Bar Chart d. Justification for cost and time Overrun	NA
8	Generating Company shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the Generating Unit wise /stage wise/Station wise/ and subsequently consolidated at Company level as submitted to the Govt. of India for first two years i.e. 2019-20 and 2020-21 at the time of mid-term true-up in 2021-22 and for balance period of tariff period 2019-24 at the time of final true-up in 2024-25. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	*
9	Any other relevant information, (Please specify)	
10	Reconciliation with Balance sheet of any actual additional capitalization and amongst stages of a generating station	*
11	BBMB is maintaining the records as per the relevant applicable Acts. Formats specified herein may not be suitable to the available information with BBMB. BBMB may modify the formats suitably as per available information to them for submission of required information for tariff purpose.	NA
*	Information shall be provided at the time of true up	
Note	1: Electronic copy of the petition (in words format) and detailed calculation as per these formats (in excel format) and any other information submitted has to be uploaded in the e-filing website and shall also be furnished in pen drive/flash drive.	

PART-I FORM- 1								
Summary of Tariff								
Name of the Petitioner:			NTPC Limited					
Name of the Generating Station:			Sipat Super Thermal Power Station Stage-II					
Place (Region/District/State):			Western Region/Bilaspur/ Chattisgarh					
Amount in Rs. Lakhs								
S. No.	Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8	9
1.1	Depreciation	Rs Lakh	8,918.24	8,999.55	9,101.93	9,263.82	9,403.46	9,502.00
1.2	Interest on Loan	Rs Lakh	693.34	177.07	-	-	-	-
1.3	Return on Equity	Rs Lakh	24,241.67	24,250.53	24,300.33	24,376.14	24,432.79	24,466.60
1.4	Interest on Working Capital	Rs Lakh	7,147.71	5,693.11	5,810.34	5,935.53	6,061.03	6,197.62
1.5	O&M Expenses	Rs Lakh	53,557.12	46968.61	49363.25	51840.48	54411.53	57077.80
1.6	Special Allowance (If applicable)	Rs Lakh						
	Total	Rs Lakh	94558.09	86088.88	88575.85	91415.97	94308.82	97244.02
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid)	Rs/Ton		1960.17				
	(%) of Fuel Quantity	(%)		100				
2.2	Landed Fuel Cost (coal from Integrated mine) as per FSA, if any, approved by beneficiaries or as per allocation of coal quantity	Rs/Ton						
	(%) of Fuel Quantity	(%)						
2.3	Landed Fuel Cost Imported Coal			NA				
	(%) of Fuel Quantity							
2.4	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton		NA				
	(%) of Fuel Quantity	(%)						
2.5	Landed Fuel Cost Imported Coal other than FSA.			NA				
	(%) of Fuel Quantity							
3	Secondary Fuel							
	Secondary fuel oil cost	Rs/Unit		0.041				
	Energy Charge Rate ex-bus (Paise/kWh)	Rs/Unit		1.454				
(Petitioner)								

PART-I FORM- 1(I)						
Name of the Petitioner:		NTPC Limited				
Name of the Generating Station:		Sipat Super Thermal Power Station Stage-II				
Amount in Rs. Lakhs						
Statement showing claimed capital cost – (A+B)						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	4,30,092.40	4,30,841.70	4,32,021.70	4,33,532.58	4,34,032.58
2	Add: Addition during the year/period	749.30	1,180.00	1,510.88	500.00	700.00
3	Less: De-capitalisation during the year/period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
5	Add: Discharges during the year/ period	-	-	-	-	-
6	Closing Capital Cost	4,30,841.70	4,32,021.70	4,33,532.58	4,34,032.58	4,34,732.58
7	Average Capital Cost	4,30,467.05	4,31,431.70	4,32,777.14	4,33,782.58	4,34,382.58
Statement showing claimed capital cost eligible for RoE at normal rate (A)						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	430092.40	430092.40	431272.40	432783.28	433283.28
2	Add: Addition during the year / period	0.00	1180.00	1510.88	500.00	700.00
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	430092.40	431272.40	432783.28	433283.28	433983.28
7	Average Capital Cost	430092.40	430682.40	432027.84	433033.28	433633.28
Statement showing claimed capital cost eligible for RoE at one year MCLR + 350 bps subject to ceiling of 14.00% (B)						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	0.00	749.30	749.30	749.30	749.30
2	Add: Addition during the year / period	749.30	0.00	0.00	0.00	0.00
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	749.30	749.30	749.30	749.30	749.30
7	Average Capital Cost	374.65	749.30	749.30	749.30	749.30
(Petitioner)						

PART-I FORM- 1(IIA)						
Name of the Petitioner:		NTPC Limited				
Name of the Generating Station:		Sipat Super Thermal Power Station Stage-II				
<u>Statement showing Return on Equity at Normal Rate</u>						
Amount in Rs. Lakhs						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
	Return on Equity					
1	Gross Opening Equity (Normal)	1,29,027.72	1,29,027.72	1,29,381.72	1,29,834.98	129984.9825
2	Less: Adjustment in Opening Equity	-				
3	Adjustment during the year		0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	1,29,027.72	1,29,027.72	1,29,381.72	1,29,834.98	1,29,984.98
5	Add: Increase in equity due to addition during the year / period	0.00	354.00	453.26	150.00	210.00
6	Less: Decrease due to De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
7	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
8	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
9	Net closing Equity (Normal)	1,29,027.72	1,29,381.72	1,29,834.98	1,29,984.98	1,30,194.98
10	Average Equity (Normal)	1,29,027.72	1,29,204.72	1,29,608.35	1,29,909.98	1,30,089.98
11	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782
12	Total ROE	24,233.99	24,267.23	24,343.04	24,399.69	24,433.50
(Petitioner)						

PART-I FORM- 1(IIB)						
Name of the Petitioner:		NTPC Limited				
Name of the Generating Station:		Sipat Super Thermal Power Station Stage-II				
<u>Statement showing Return on Equity linked to SBI MCLR</u>						
Amount in Rs. Lakhs						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
	Return on Equity (beyond the original scope of work including additional capitalization due to Change in Law, ECS, Force Majeure)					
1	Gross Opening Equity (Normal)	0.00	224.79	224.79	224.79	224.79
2	Less: Adjustment in Opening Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	0.00	224.79	224.79	224.79	224.79
5	Add: Increase in equity due to addition during the year / period	224.79	0.00	0.00	0.00	0.00
6	Less: Decrease due to De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
7	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
8	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
9	Net closing Equity (Normal)	224.79	224.79	224.79	224.79	224.79
10	Average Equity (Normal)	112.40	224.79	224.79	224.79	224.79
11	Rate of ROE @ SBI MCLR+350 basis point(%)	12.15	12.15	12.15	12.15	12.15
12	Grossed up Rate of ROE with applicable tax rate(%)	14.723	14.723	14.723	14.723	14.723
13	Total ROE	16.55	33.10	33.10	33.10	33.10
(Petitioner)						

Plant Characteristics		PART-I FORM-2	
Name of the Petitioner	NTPC Ltd		
Name of the Generating Station	Sipat Super Thermal Power Station Stage-II		
Unit(s)/Block(s)/Parameters	Unit-I	Unit-II	
Installed Capacity (MW)	500	500	
Schedule COD as per Investment Approval			
Actual COD /Date of Taken Over (as applicable)	20-Jun-08	01-Jan-09	
Pit Head or Non Pit Head or Integrated Mine	Pit Head	Pit Head	
Distance from Integrated mine (kms), If applicable			
Name of the Boiler Manufacture	BHEL	BHEL	
Name of Turbine Generator Manufacture	BHEL	BHEL	
Main Steams Pressure at Turbine inlet (kg/Cm2) abs1.			
Main Steam Temperature at Turbine inlet (oC) 1			
Reheat Steam Pressure at Turbine inlet (kg/Cm2) 1			
Reheat Steam Temperature at Turbine inlet (oC)			
Main Steam flow at Turbine inlet under MCR condition (tons /hr)			
Main Steam flow at Turbine inlet under VWO condition (tons /hr)2			
Unit Gross electrical output under MCR /Rated condition (MW)2			
Unit Gross electrical output under VWO condition (MW)2			
Guaranteed Design Gross Turbine Cycle HeatRate (kCal/kWh)3			
Conditions on which design turbine cycle heat rate guaranteed			
% MCR			
% Makeup Water Consumption			
Design Capacity of Make up Water System (Cu.m/hr)			
Design Capacity of Inlet Cooling System (cu.m/hr)(cooling tower)			
Design Cooling Water Temperature (0C)			
Back Pressure			
Steam flow at super heater outlet under BMCR condition (tons/hr)			
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm2)(abs)			
Steam Temperature at super heater outlet under BMCR condition (0C)			
Steam Temperature at Reheater outlet at BMCR condition (0C)			
Design / Guaranteed Boiler Efficiency (%)4			
Design Fuel with and without Blending of Domestic/Imported Coal TPH			
Type of Cooling Tower	IDCT		
Type of cooling system	Open Recirculating type Cooling water system		
Type of Boiler Feed Pump	2X50%TDBFP & 1X50% MDBFP	2X50%TDBFP & 1X50% MDBFP	
Fuel Details7			
-Primary Fuel	Coal		
-Secondary Fuel	LDO		
-Alternate Fuels	NA		
Special Features/Site Specific Features			
Special Technological Features :	Sub Critical & Tangential fired boilers	Sub Critical & Tangential fired boilers	
Environmental Regulation related features	1.ESP is provided 2.FGD nder implementation 3.CM installed	1.ESP is provided 2.FGD under implementation 3.CM installed	
Any other special features			
1: At Turbine MCR condition.			
2: with 0% (Nil) make up and design Cooling water temperature			
3: at TMCR output based on gross generation, 0% (Nil) makeup and design Cooling water temperature.			
4: With Performance coal based on Higher Heating Value (HHV) of fuel and at BMCR) out put			
5: Closed circuit cooling, once through cooling, sea cooling, natural draft cooling, induced draft cooling etc.			
6: Motor driven, Steam turbine driven etc.			
7: Coal or natural gas or Naptha or lignite etc.			
8. Any site-specific feature such as Merry-Go-Round, Front/Rear/Sides fired Boiler, Vicinity to sea, Intake /makeup water systems etc. scrubbers etc. Specify all such features			
9: Any Special Technological feature like Advanced class FA technology in Gas Turbines, etc.			
10: Environmental Regulation related features like FGD, ESP etc.,			
(Petitioner)			

PART-I FORM- 3							
Normative parameters considered for tariff computations							
Name of the Petitioner:		NTPC Limited					
Name of the Generating Station:		Sipat Super Thermal Power Station Stage-II					
(Year Ending March)							
Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
Base Rate of Return on Equity \$\$	%	15.50	15.50	15.50	15.50	15.50	15.50
Rate of Return on Add - cap beyond the original scope of work including additional capitalization due to Change in Law, Force Majeure	%	-	12.15	12.15	12.15	12.15	12.15
Effective Tax Rate	%	17.4720	17.4720	17.4720	17.4720	17.4720	17.4720
Target Availability	%	85.00	85.00	85.00	85.00	85.00	85.00
Peak Hours	%	85.00	85.00	85.00	85.00	85.00	85.00
Off Peak Hours	%	85.00	85.00	85.00	85.00	85.00	85.00
β- Average Monthly Frequency Response Performance ##	0-1						
Auxiliary Energy Consumption	%	6.25	5.75	5.75	5.75	5.75	5.75
Gross Station Heat Rate	kCal/kWh	2390.00	2375.00	2375.00	2375.00	2375.00	2375.00
Specific Fuel Oil Consumption	ml/kWh	0.50	0.50	0.50	0.50	0.50	0.50
Cost of Coal/Lignite for WC1	in Days	40	40	40	40	40	40
Cost of Main Secondary Fuel Oil for WC1	in Months	2	2	2	2	2	2
Fuel Cost for WC2	in Months						
Liquid Fuel Stock for WC2	in Months						
O&M Expenses	Rs lakh/MW	25.84	27.17	28.6	30.1	31.68	33.34
Maintenance Spares for WC	% of O&M	20.00	20.00	20.00	20.00	20.00	20.00
Receivables for WC	in Days	45	45	45	45	45	45
Storage capacity of Primary fuel *	MT	759000	759000	759000	759000	759000	759000
SBI 1 Year MCLR plus 325 basis point	%	12.00	11.90	11.90	11.90	11.90	11.90
Blending ratio of domestic coal/imported coal							
Norms for consumption of reagent	FGD under commissioning						
Specific Limestone consumption for Wet Limestone FGD	FGD under commissioning						
Specific Limestone consumption for Lime Spray Dryer or Semi-dry FGD	NA						
Specific consumption of sodium bicarbonate	NA						
Specific Limestone consumption for CFBC based generating station	NA						
specific urea consumption of the SNCR	NA						
Specific ammonia consumption of the SCR	NA						
Transit and Handling Losses of coal or lignite, as applicable							
\$\$ Additional RoE due to better ramp rate would be claimed at the time of true-up or as per guidelines to be issued ## β average monthly response to be submitted at the time of trueing up based on RPC certification							
Petitioner							

Part-I FORM-3A ADDITIONAL FORM						
<u>Calculation of O&M Expenses</u>						
Name of the Company :			NTPC Limited			
Name of the Power Station :			Sipat Super Thermal Power Station Stage-II			
Amount in Rs. Lakhs						
S.No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	O&M expenses under Reg.36(1)(1)					
1a	Normative	27170.00	28600.00	30100.00	31680.00	33340.00
2	O&M expenses under Reg.36(1)(6)					
2a	Water Charges ##	3440.69	3440.69	3440.69	3440.69	3440.69
2b	Security expenses **	1257.25	1382.96	1521.27	1673.40	1840.74
2c	Capital Spares***					
3	O&M expenses-Ash Transportation**	15100.67	15939.60	16778.52	17617.45	18456.38
	Total O&M Expenses	46968.61	49363.25	51840.48	54411.53	57077.80
<p>## Notification of water charges rate are Attached with the petition.</p> <p>** Subject to true up</p> <p>*** Details of Capital Spares detail shall be provided at the truing up</p>						
Petitioner						

PART 1		
FORM- 5		
<u>Abstract of Admitted Capital Cost for the existing Projects</u>		
Name of the Company :	NTPC Limited	
Name of the Power Station :	Sipat Super Thermal Power Station Stage-II	
		Amount in Rs. Lakh
Last date of order of Commission for the project	Date (DD-MM-YYYY)	04.06.2022
Reference of petition no. in which the above order was passed	Petition no.	435/GT/2020
Following details (whether admitted and /or considered) as on the last date of the period for which tariff is approved, in the above order by the Commission:		
Capital cost (31.03.2024)	(Rs. in lakh)	434322.9
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		
Gross Normative Debt		304026.03
Cumulative Repayment		298813.79
Net Normative Debt		5212.24
Normative Equity		130296.87
Cumulative Depreciation		299656.67
Freehold land		5233.47
(Petitioner)		

PART 1 FORM-5A		
<u>Abstract of Admitted Capital Cost for the existing Projects</u>		
Name of the Company :	NTPC Limited	
Name of the Power Station :	Sipat Super Thermal Power Station Stage-I	
Reference of Final True up petition	Affidavit dated	19.11.2024
Capital Cost allowed in the Main 2019-24 Tariff Petition no. 435/GT/2020 vide order dt 04.06.2022	(Rs. in lakh)	434322.9
Adjustment as per Para (7) of this petition		-4230.50
Following details as considered by the Petitioner as on the last date of the period for which final true-up tariff is claimed:		
Capital cost as on 01.04.2024	(Rs. in lakh)	430092.395
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		
Gross Normative Debt		3,01,064.68
Cumulative Repayment		2,96,635.48
Net Normative Debt		4429.20
Normative Equity		1,29,027.72
Cumulative Depreciation		2,97,478.06
Freehold land		5,233.47
(Petitioner)		

PART-I FORM- 9A Additional Form									
<u>Year wise Statement of Additional Capitalisation after COD</u>									
Name of the Petitioner					NTPC Limited				
Name of the Generating Station					Sipat Super Thermal Power Station Stage-II				
COD					01-01-2009				
For Financial Year					2024-29 (Summary)				
								Amount in Rs Lakh	
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)					Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		2024-25	2025-26	2026-27	2027-28	2028-29			
1	2	3	4	5	6	7		8	9
A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate									
1	Ash Related Works		1180.00	1,510.88	500.00	700.00	Please refer respective year Form 9		
2	-								
Total (A)		-	1,180.00	1,510.88	500.00	700.00			
B. Works beyond Original scope exluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest									
1	CLO2 dosing system	749.30					Please refer respective year Form 9		
2	-								
Total (B)		749.30	0.00	0.00	0.00	0.00			
Total Add. Cap. Claimed (A+B)		749.30	1,180.00	1,510.88	500.00	700.00			
(Petitioner)									

PART-I FORM- 9								
Year wise Statement of Additional Capitalisation after COD								
Name of the Petitioner			NTPC Limited					
Name of the Generating Station			Sipat Super Thermal Power Station Stage-II					
COD			01-01-2009					
For Financial Year			2024-25					
								Amount in Rs Lakh
Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Projected)		Regulations under which claimed	Justification	Admitted Cost by the Commission, if any	
			Un-discharged Liability included in col. 3	Cash basis IDC included in col. 3				
1	2	3	4	5= (3-4)	6	7	8	9
A. For assets eligible for normal RoE								
1								
	Total (A)	-	-	-	-			
B. For assets eligible for RoE at One year MCLR+350 bps subject to ceiling of 14.00%								
1	CLO2 dosing system	749.30	-	749.30		<p>Chlorine gas is being dozed directly at various stages of water treatment to maintain water quality and to inhibit organic growth in the water retaining structures. Chlorine gas is very hazardous and may prove fatal in case of leakage; handling and storage of same involves risk to the life of public at large. Installation of CIO2 system by replacing chlorine gas injecting system is being undertaken at all NTPC stations to enhance safety of personnel engaged in power plant operation. Work taken-up in accordance to the various provisions and objectives of the "National Disaster Management Guidelines – Chemical Disasters" which provides that industrial systems shall be continuously improved and upgraded for the prevention and management of chemical accidents. It is also pertinent that the action for inslation of CLO2 system is also in compliance with the duties necessitated for an employer (NTPC) under the clause 6(1)(a) and 6(1)(d) of "The Occupational Safety, Health and Working Conditions Code, 2020" notified by Ministry of Law & Justice, GoI vide Gazette Notification dated 29.09.2020 (Attached as Annexure-A) relevant extracts of which are reproduced below:</p> <p>"DUTIES OF EMPLOYER AND EMPLOYEES, ETC.</p> <p>6.(1) Every employer shall:</p> <p>(a)Ensure that workplace is free from hazards which cause or are likely to cause injury or occupational disease to the employees;</p> <p>...</p> <p>(e)Provide and maintains, as far as is reasonably practicable, a working environment that is safe and without risk to the health of the employees "</p> <p>Some of the major benefits of installation of CLO2 system are as under:</p> <p>(a) Avoid possible accidents due to leakage of chlorine while handling</p> <p>(b) Improves safety of personnel and plant & equipment</p> <p>(c) Increases the shelf life of water retaining structures/ equipment such as clarifiers, storage tanks, cooling towers, condenser tubes & piping etc thereby reduces the replacement cost.</p> <p>(d) Helps in complying with statutory direction of some states that have already made it mandatory.</p> <p>(e) To help the plant running more efficiently.</p> <p>In view of the above, it is humbly requested that Hon'ble Commission may be pleased to allow the same.</p>		
	Total (B)	749.30	-	749.30				
Total Add. Cap. Claimed (A+B)		749.30	-	749.30	-			

(Petitioner)

<div style="text-align: right;">PART-I</div> <div style="text-align: center;">FORM- 9</div>								
<div style="text-align: center;"><u>Year wise Statement of Additional Capitalisation after COD</u></div>								
Name of the Petitioner			NTPC Limited					
Name of the Generating Station			Sipat Super Thermal Power Station Stage-II					
COD			01-01-2009					
For Financial Year			2025-26					
							Amount in Rs Lakh	
Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Projected) Un-discharged Liability included in col. 3	Cash basis 5= (3-4)	IDC included in col. 3 6	Regulations under which claimed 7	Justification 8	Admitted Cost by the Commission, if any 9
1	2	3	4	5= (3-4)	6	7	8	9
A. For assets eligible for normal RoE								
1	Ash related works	1,180.00	-	1,180.00		25(1)(c)	<p>These ash related works pertains to original scope of works carried out in phased and deferred manner over the useful life of plant for maintaining continuous evacuation and disposal of ash for sustained plant operation. It is pertinent to mention that ash transportation from ash dyke is being continuously done for NHAI road works and also fly ash from dry fly ash silo is being utilised. NTPC is making all efforts for full utilisation of ash, however, keeping in mind continuous and uninterrupted plant operation, and rate of ash generation being very high and the utilisation not being same, therefore ash dyke raising and related works is required and taking place in deferred manner. It is further submitted that Sipat plant operates at very high PLF (PLF 80-85%, NTPC Sipat is one of the best performing station of the country) due to low ECR and consequent continuous high scheduling by the beneficiaries, rate of ash generation is also very high. Bottom ash (approx 20% of the total ash generation) has to be evacuated only in slurry form to ash pond which necessitates ash dyke raising and associated works. The petitioner is making all efforts for ash utilisation but ash related work is necessary to support the continuous high generation in absence of which plant generation and availability may be affected.</p> <p>Further, as a responsible corporate entity being in the generation business, the petitioner can not afford not to have ash dyke always in ready condition, which acts as insurance for the prtioner against any eventualities like during the period of COVID 19, everything was standstill for around 1-2 years during which there was no offtake/utilisation of ash but generation was on contionuous basis 24x7. Further, Sipat station is located at such a location where there are limited avenues of ash utilisation scope like cement industries etc. and also it is to be noted that ash utilisation can not be maintained at a consistent and sustained level by utilising the same at NHAI roads/ highways/ infrastructure works once such works get completed. The raising of ash dykes and ash related works is therefore necessary to keep the plant ready in case of any eventualities and unforeseen situation. The Hon'ble Commission may please allow the expenditure related to ash dyke raising and associated works.</p>	
	Total (A)	1,180.00	-	1,180.00	-			
B. For assets eligible for RoE at One year MCLR+350 bps subject to ceiling of 14.00%								
1								
	Total (B)	-	-	-	-			
Total Add. Cap. Claimed (A+B)		1,180.00	-	1,180.00	-			
(Petitioner)								

PART-I
FORM- 9

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner				NTPC Limited				
Name of the Generating Station				Sipat Super Thermal Power Station Stage-II				
COD				01-01-2009				
For Financial Year				2026-27				
								Amount in Rs Lakh
Sl. No.	Head of Work /Equipment		ACE Claimed (Projected)			Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
A.	For assets eligible for normal RoE							
1	Ash related works	1,510.88	-	1,510.88		25(1)(c)	As per given justification in FY 25-26	
	Total (A)	1,510.88	-	1,510.88	-			
B.	For assets eligible for RoE at One year MCLR+350 bps subject to ceiling of 14.00%							
1								
	Total (B)	-	-	-	-			
Total Add. Cap. Claimed (A+B)		1,510.88	-	1,510.88	-			
(Petitioner)								

PART-I FORM- 9								
<u>Year wise Statement of Additional Capitalisation after COD</u>								
Name of the Petitioner			NTPC Limited					
Name of the Generating Station			Sipat Super Thermal Power Station Stage-II					
COD			01-01-2009					
For Financial Year			2027-28					
							Amount in Rs Lakh	
Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Actual / Projected) Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
1	2	3	4	5= (3-4)	6	7	8	9
A.	For assets eligible for normal RoE							
1	Ash related works	500.00	-	500.00		25(1)(c)	As per justification given in FY 25-26	
	Total (A)	500.00	-	500.00	-			
B.	For assets eligible for RoE at One year MCLR+350 bps subject to ceiling of 14.00%							
1								
	Total (B)	-	-	-				
Total Add. Cap. Claimed (A+B)		500.00	-	500.00				
(Petitioner)								

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Sipat Super Thermal Power Station Stage-II
COD	01-01-2009
For Financial Year	2028-29

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Actual / Projected) Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
1	2	3	4	5= (3-4)	6	7	8	9
A.	For assets eligible for normal RoE							
1	Ash related works	700	0	700	0	25(1)(c)	As per justification given in FY 25-26	
	Total (A)	700.00	-	700.00	-			
B.	For assets eligible for RoE at One year MCLR+350 bps subject to ceiling of 14.00%							
1								
	Total (B)	-	-	-	-			
Total Add. Cap. Claimed (A+B)		700.00	-	700.00	-			

(Petitioner)

PART-I											
FORM- 10											
Name of the Petitioner						NTPC Limited					
Name of the Generating Station						Sipat Super Thermal Power Station Stage-II					
Date of Commercial Operation						01-01-2009					
Amount in Rs Lakh											
Financial Year (Starting from COD)1	Actual					Admitted					
	2024-25	2025-26	2026-27	2027-28	2028-29	2024-25	2025-26	2026-27	2027-28	2028-29	
1		3	4	5	6	7	8	9	10	11	
Amount capitalised in Work/ Equipment											
Add cap is proposed to be finance in Debt:Equity ratio of 70:30											
											Financing Details
											Loan-1
											Loan-2
											Loan-3 and so on
											Total Loan2
											Equity
											Internal Resources
											Others (Pl. specify)
Total											
(Petitioner)											

PART-I
FORM- 12

Statement of Depreciation

Name of the Company :		NTPC Limited					
Name of the Power Station :		Sipat Super Thermal Power Station Stage-II					
(Amount in Rs Lakh)							
S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
1	Opening Capital Cost	430365.31	4,30,092.40	4,30,841.70	4,32,021.70	4,33,532.58	4,34,032.58
2	Closing Capital Cost	430092.40	4,30,841.70	4,32,021.70	4,33,532.58	4,34,032.58	4,34,732.58
3	Average Capital Cost	430228.85	4,30,467.05	4,31,431.70	4,32,777.14	4,33,782.58	4,34,382.58
1a	Cost of IT Equipments & Software included in (1) above ^^	836.17	836.17	836.17	836.17	836.17	836.17
2a	Cost of IT Equipments & Software included in (2) above ^^	836.17	836.17	836.17	836.17	836.17	836.17
3a	Average Cost of IT Equipments & Software	836.17	836.17	836.17	836.17	836.17	836.17
4	Freehold land	5,233.47	5,233.47	5,233.47	5,233.47	5,233.47	5,233.47
5	Rate of depreciation						
6	Depreciable value	3,82,579.46	3,82,793.83	3,83,662.02	3,84,872.92	3,85,777.81	3,86,317.81
7.	Balance useful life at the beginning of the period	10.48	9.48	8.48	7.48	6.48	5.48
8	Remaining depreciable value	93,463.14	85,315.78	77,184.41	69,293.37	60,934.45	52,070.98
9	Depreciation (for the period)	8,918.24	8,999.55	9,101.93	9,263.82	9,403.46	9,502.00
10	Depreciation (annualised)	8,918.24	8,999.55	9,101.93	9,263.82	9,403.46	9,502.00
11	Cumulative depreciation at the end of the period	298034.56	3,06,477.61	3,15,579.55	3,24,843.37	3,34,246.83	3,43,748.83
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009	0.00	-	-	-	-	-
13	Add: Cumulative depreciation adjustment on account of liability Discharge	0.00	-	-	-	-	-
14	Less: Cumulative depreciation adjustment on account of de-capitalisation	556.50	-	-	-	-	-
15	Net Cumulative depreciation at the end of the period after adjustments	2,97,478.06	3,06,477.61	3,15,579.55	3,24,843.37	3,34,246.83	3,43,748.83
^^ Cost of IT equipments & Software shall be provided at the time of true up							
(Petitioner)							

Name of the Company
Name of the Power Station
COD

FORM-13

NTPC

SIPAT-II

(In lakhs)

Sl. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
	2		0			
1	SBI VIII (Refinancing OBC on 14.02.2017 & Repayment starts from 30.01.2022 in 9Y installments)					
	Gross loan - Opening	571.43	571.43	571.43	571.43	571.43
	Cumulative repayments of Loans upto previous period	190.48	253.97	317.46	380.95	444.44
	Net loan - Opening	380.95	317.46	253.97	190.48	126.98
	Increase/ Decrease due to FERV	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	380.95	317.46	253.97	190.48	126.98
	Repayments of Loans during the period	63.49	63.49	63.49	63.49	63.49
	Net loan - Closing	317.46	253.97	190.48	126.98	63.49
	Average Net Loan	349.21	285.71	222.22	158.73	95.24
	Rate of Interest on Loan	8.40%	8.40%	8.40%	8.40%	8.40%
	Interest on Loan (Annualised)	29.33	24	18.67	13.33	8
2	PNB IV (Refinancing ICICI IV on 01.01.2019 & Repayments starts from 01.02.2022 in 9Y installments) PNB_ICICI IV					
	Gross loan - Opening	1714	1714	1714	1714	1714
	Cumulative repayments of Loans upto previous period	380.89	571.33	761.78	952.22	1142.67
	Net loan - Opening	1333.11	1142.67	952.22	761.78	571.33
	Increase/ Decrease due to FERV	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	1333.11	1142.67	952.22	761.78	571.33
	Repayments of Loans during the period	190.44	190.44	190.44	190.44	190.44
	Net loan - Closing	1142.67	952.22	761.78	571.33	380.89
	Average Net Loan	1237.89	1047.44	857	666.56	476.11
	Rate of Interest on Loan	7.90%	7.90%	7.90%	7.90%	7.90%
	Interest on Loan (Annualised)	97.79	82.75	67.7	52.66	37.61

3	Corp IV (Refinancing ICICI V on 11.01.2019 & repayment starts from 11.01.2023 in 9Y installments)					
	Gross loan - Opening	10107.14	10107.14	10107.14	10107.14	10107.14
	Cumulative repayments of Loans upto previous period	2246	3369.02	4492.03	5615.05	6738.06
	Net loan - Opening	7861.14	6738.13	5615.11	4492.1	3369.08
	Increase/ Decrease due to FERV	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	7861.14	6738.13	5615.11	4492.1	3369.08
	Repayments of Loans during the period	1123.02	1123.02	1123.02	1123.02	1123.02
	Net loan - Closing	6738.13	5615.11	4492.1	3369.08	2246.06
	Average Net Loan	7299.63	6176.62	5053.6	3930.59	2807.57
	Rate of Interest on Loan	8.23%	8.23%	8.23%	8.23%	8.23%
	Interest on Loan (Annualised)	601	508.54	416.08	323.62	231.16
4	Bond 72 (Refinancing of PFC-V) D 31					
	Gross loan - Opening	260.42	260.42	260.42	260.42	260.42
	Cumulative repayments of Loans upto previous period	0	0	260.42	260.42	260.42
	Net loan - Opening	260.42	260.42	0	0	0
	Increase/ Decrease due to FERV	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	260.42	260.42	0	0	0
	Repayments of Loans during the period	0	260.42	0	0	0
	Net loan - Closing	260.42	0	0	0	0
	Average Net Loan	260.42	130.21	0	0	0
	Rate of Interest on Loan	6.48%	6.48%	6.48%	6.48%	6.48%
	Interest on Loan (Annualised)	16.86	8.43	0	0	0
			0			
5	Bond 72 (Refinancing of PFC-V) D 33					
	Gross loan - Opening	208.33	208.33	208.33	208.33	208.33
	Cumulative repayments of Loans upto previous period	0	0	208.33	208.33	208.33
	Net loan - Opening	208.33	208.33	0	0	0
	Increase/ Decrease due to FERV	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	208.33	208.33	0	0	0
	Repayments of Loans during the period	0	208.33	0	0	0
	Net loan - Closing	208.33	0	0	0	0
	Average Net Loan	208.33	104.17	0	0	0
	Rate of Interest on Loan	6.67%	6.67%	6.67%	6.67%	6.67%

	Interest on Loan (Annualised)	13.9	6.95	0	0	0
			0			
6	Bond 72					
	Gross loan - Opening	431.25	431.25	431.25	431.25	431.25
	Cumulative repayments of Loans upto previous period	0	0	431.25	431.25	431.25
	Net loan - Opening	431.25	431.25	0	0	0
	Increase/ Decrease due to FERV	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	431.25	431.25	0	0	0
	Repayments of Loans during the period	0	431.25	0	0	0
	Net loan - Closing	431.25	0	0	0	0
	Average Net Loan	431.25	215.63	0	0	0
	Rate of Interest on Loan	5.48%	5.48%	5.48%	5.48%	5.48%
	Interest on Loan (Annualised)	23.63	11.82	0	0	0
	Total Loan					
	Gross loan - Opening	13292.57	13292.57	13292.57	13292.57	13292.57
	Cumulative repayments of Loans upto previous period	2817.37	4194.32	6471.27	7848.22	9225.17
	Net loan - Opening	10475.21	9098.25	6821.3	5444.35	4067.4
	Increase/ Decrease due to FERV	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0
	Total	10475.21	9098.25	6821.3	5444.35	4067.4
	Repayments of Loans during the period	1376.95	2276.95	1376.95	1376.95	1376.95
	Net loan - Closing	9098.25	6821.3	5444.35	4067.4	2690.44
	Average Net Loan	9786.73	7959.78	6132.83	4755.87	3378.92
	Rate of Interest on Loan	8.00%	8.07%	8.19%	8.19%	8.19%
	Interest on Loan (Annualised)	782.52	642.48	502.45	389.61	276.77

Sr. No.	Bank	ROI on prepaymen t date	Date of Prepaymen t	Replaced with Bank	ROI of relplaced Loan	Prepaymen t Amount	Saving	Saving retained
Prepayment of Loans during 2020-21								
1	Power Finance Corporation-V D 31	7.44%	15-Oct-20	Bond 72	5.45%	90000000	1.99%	1.00%
2	Power Finance Corporation-V D 33	7.83%	15-Oct-20	Bond 72	5.45%	90000000	2.38%	1.19%

Sr. No.	Bank	ROI on prepayment date	Date of Prepayment	Replaced with Bank	ROI of replaced Loan	Prepayment Amount	Saving	Saving retained
Prepayment of Loans during 2018-19								
1	ICICI V	8.60%	11-Jan-19	Corporation	8.20%	10107	0.40%	0.1333%
Prepayment of Loans during 2017-18								
1	LIC-IV	9.71%	04-Aug-17	ICICI-IV	7.90%	1714	1.81%	0.6033%
Prepayment of Loans during 2016-17								
1	Andhra Bank	9.45%	20-Dec-16	ICICI V	8.80%	2678.57	0.65%	0.2167%
2	Allahabad III	9.55%	20-Dec-16	ICICI V	8.80%	7428.57	0.75%	0.2500%
3	OBC	8.60%	14-Feb-17	SBI VIII	8.00%	571.43	0.60%	0.2000%

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S.No.	Bank Loan	Interest Rate	Applicable from	Applicable upto	Number of Days	Product	Weighted Average Rate of Interest
1	State Bank of India - VII	8.2500%	01-Apr-19	14-05-2019	43.00	3.55	7.9342%
		8.1500%	14-May-19	14-08-2019	92.00	7.50	
		7.9500%	14-Aug-19	14-11-2019	92.00	7.31	
		7.7000%	14-Nov-19	14-02-2020	92.00	7.08	
		7.6500%	14-Feb-20	31-Mar-20	47.00	3.60	
					366.00	29.04	7.9342%
	State Bank of India - VII	7.650%	01-Apr-20	13-May-20	43.00	3.29	6.8560%
		7.000%	14-May-20	13-Aug-20	92.00	6.44	
		6.650%	14-Aug-20	31-Mar-21	230.00	15.30	
					365.00	25.02	
	State Bank of India-VII	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	State Bank of India - VII	6.65%	01-04-2022	13-05-2022	43.00	2.86	
	State Bank of India - VII	6.75%	14-05-2022	13-08-2022	92.00	6.21	
	State Bank of India - VII	7.15%	14-08-2022	13-11-2022	92.00	6.58	
	State Bank of India - VII	7.60%	14-11-2022	13-02-2023	92.00	6.99	
	State Bank of India - VII	8.00%	14-02-2023	31-03-2023	46.00	3.68	
					365.00	26.32	7.2108%
	State Bank of India - VII	8.00%	01-Apr-23	13-May-23	43.00	3.44	
	State Bank of India - VII	8.10%	14-May-23	29-Jun-23	47.00	3.81	
					90.00	7.25	8.05%
2	State Bank of India - VIII	8.2500%	01-Apr-19	14-05-2019	43.00	3.55	7.9342%
		8.1500%	14-May-19	14-08-2019	92.00	7.50	
		7.9500%	14-Aug-19	14-11-2019	92.00	7.31	
		7.7000%	14-Nov-19	14-02-2020	92.00	7.08	
		7.6500%	14-Feb-20	31-Mar-20	47.00	3.60	
					366.00	29.04	7.9342%
	State Bank of India - VIII	7.650%	01-Apr-20	13-May-20	43.00	3.29	6.8560%
		7.000%	14-May-20	13-Aug-20	92.00	6.44	
		6.650%	14-Aug-20	31-Mar-21	230.00	15.30	
					365.00	25.02	
	State Bank of India-VIII	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	State Bank of India - VIII	6.65%	01-04-2022	13-05-2022	43.00	2.86	
	State Bank of India - VIII	6.75%	14-05-2022	13-08-2022	92.00	6.21	
	State Bank of India - VIII	7.15%	14-08-2022	13-11-2022	92.00	6.58	

	State Bank of India - VIII	7.60%	14-11-2022	13-02-2023	92.00	6.99	
	State Bank of India - VIII	8.00%	14-02-2023	31-03-2023	46.00	3.68	
					365.00	26.32	7.2108%
	State Bank of India - VIII	8.00%	01-Apr-23	13-May-23	43.00	3.44	
	State Bank of India - VIII	8.10%	14-May-23	13-Aug-23	92.00	7.45	
	State Bank of India - VIII	8.15%	14-Aug-23	13-Feb-24	184.00	15.00	
	State Bank of India - VIII	8.20%	14-Feb-24	31-Mar-24	47.00	3.85	
					366.00	29.74	8.13%
3	PNB-IV	8.300%	01-Apr-19	04-05-2019	33.00	2.74	8.0102%
		8.200%	04-May-19	04-08-2019	92.00	7.54	
		8.050%	04-Aug-19	01-10-2019	58.00	4.67	
		8.050%	01-Oct-19	04-11-2019	34.00	2.74	
		7.900%	04-Nov-19	04-02-2020	92.00	7.27	
		7.650%	04-Feb-20	31-Mar-20	57.00	4.36	
					366.00	29.32	8.0102%
	PNB-IV	7.650%	01-Apr-20	03-May-20	33.00	2.52	6.8567%
		7.200%	04-May-20	03-Jun-20	31.00	2.23	
		7.050%	04-Jun-20	03-Aug-20	61.00	4.30	
		6.800%	04-Aug-20	03-Nov-20	92.00	6.26	
		6.700%	04-Nov-20	20-Dec-20	47.00	3.15	
		6.500%	21-Dec-20	31-Mar-21	101.00	6.57	
					365.00	25.03	
	Punjab National Bank IV	6.20%	01-04-2021	20-09-2021	173	10.73	5.99%
		5.80%	21-09-2021	31-03-2022	192	11.14	
	PNB-IV	5.80%	01-04-2022	20-06-2022	81.00	4.70	
	PNB-IV	6.70%	21-06-2022	31-08-2022	72.00	4.82	
	PNB-IV	7.20%	01-09-2022	30-09-2022	30.00	2.16	
	PNB-IV	7.70%	01-10-2022	31-12-2022	92.00	7.08	
	PNB-IV	8.05%	01-01-2023	28-02-2023	59.00	4.75	
	PNB-IV	8.30%	01-03-2023	31-03-2023	31.00	2.57	
					365.00	26.09	7.1475%
	PNB-IV	7.90%	01-Apr-23	31-Mar-24	366.00	28.91	
					366.00	28.91	7.90%
4	Corporation Bank-IV	8.2500%	01-Apr-19	11-04-2019	10.00	0.83	8.0556%
		8.2000%	11-Apr-19	11-10-2019	183.00	15.01	
		8.0500%	11-Oct-19	11-11-2019	31.00	2.50	
		8.0000%	11-Nov-19	11-01-2020	61.00	4.88	
		7.8500%	11-Jan-20	11-02-2020	31.00	2.43	

		7.7500%	11-Feb-20	11-03-2020	29.00	2.25	
		7.6000%	11-Mar-20	31-Mar-20	21.00	1.60	
					366.00	29.48	8.0556%
	Corporation Bank-IV	7.600%	01-Apr-20	10-Apr-20	10.00	0.76	6.6705%
		7.350%	11-Apr-20	10-May-20	30.00	2.21	
		7.250%	11-May-20	10-Jun-20	31.00	2.25	
		7.150%	11-Jun-20	10-Jul-20	30.00	2.15	
		6.950%	11-Jul-20	10-Aug-20	31.00	2.15	
		6.800%	11-Aug-20	10-Sep-20	31.00	2.11	
		6.750%	11-Sep-20	30-Nov-20	81.00	5.47	
		6.000%	01-Dec-20	31-Mar-21	121.00	7.26	
					365.00	24.35	
	Corporation Bank-IV	6.00%	01-04-2021	31-03-2022	365	21.90	6.00%
	Corporation Bank-IV	6.00%	01-04-2022	10-05-2022	40.00	2.40	
	Corporation Bank-IV	6.40%	11-05-2022	10-06-2022	31.00	1.98	
	Corporation Bank-IV	6.90%	11-06-2022	10-08-2022	61.00	4.21	
	Corporation Bank-IV	7.40%	11-08-2022	10-10-2022	61.00	4.51	
	Corporation Bank-IV	7.90%	11-10-2022	10-12-2022	61.00	4.82	
	Corporation Bank-IV	8.25%	11-12-2022	29-12-2022	19.00	1.57	
	Corporation Bank-IV	7.50%	30-12-2022	10-01-2023	12.00	0.90	
	Corporation Bank-IV	7.65%	11-01-2023	10-02-2023	31.00	2.37	
	Corporation Bank-IV	7.90%	11-02-2023	31-03-2023	49.00	3.87	
					365.00	26.64	7.2975%
	Corporation Bank-IV	7.90%	01-Apr-23	10-Jan-24	285.00	22.52	
	Corporation Bank-IV	8.10%	11-Jan-24	31-Mar-24	81.00	6.56	
					366.00	29.08	7.94%
5	PFC D31	7.4400%	01-Apr-19	31-Mar-20	366	27.2304	7.44%
	PFC D31	7.4400%	01-Apr-20	14-Oct-20	197	14.6568	7.44%
	PFC D33	7.8300%	01-Apr-19	31-Mar-20	366	28.6578	7.83%
		7.8300%	01-Apr-20	14-Oct-20	197	15.4251	7.83%

Particulars	
Source of Loan - Bonds Series	72
Currency	INR
Amount of Loan sanctioned (In Lakh)	4,00,000
Amount of Gross Loan drawn upto COD (In Lakh)	4,00,000
Interest Type	Fixed
Fixed Interest Rate, if applicable	5.45%
Base Rate, if Floating Interest	N/A
Margin, if Floating Interest	N/A
Are there any Caps/Floor	No
If above is yes,specify caps/floor	N/A
Moratorium Period (In Years)	5
Moratorium effective from*	15-10-2020
Repayment Period	Bullet Repayment
Repayment effective from	15-10-2025
Repayment Frequency	Bullet Repayment
Repayment Instalment (In Lakh)	4,00,000
Base Exchange Rate	N/A
Door to Door Maturity (In Years)	5
Name of the Projects	72
SIPAT II	900.00
TOTAL	4,00,000.00

FORM-8			
Name of the Company			
Particulars			
Source of Loan - Bonds Series	XXII 8.1771%	XXIII 8.3796%	XXVII 11.25%
Currency	INR	INR	INR
Amount of Loan sanctioned (In Lakh)	50,000.00	50,000.00	35,000.00
Amount of Gross Loan drawn upto COD (In Lakh)			
Interest Type	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.18%	8.38%	11.25%
Base Rate, if Floating Interest	N/A	N/A	N/A
Margin, if Floating Interest	N/A	N/A	N/A
Are there any Caps/Floor	No	No	No
If above is yes,specify caps/floor			
Moratorium Period (In Years)	4.5 yrs *	4.5 yrs *	11 yrs
Moratorium effective from*	02.01.07	05.02.07	06.11.2008
Repayment Period	9.5 yrs	9.5 yrs	5 yrs
Repayment effective from	02.07.11	05.08.11	06.11.19
Repayment Frequency	Half Yearly	Half Yearly	Yearly
Repayment Instalment (In Lakh)	2,500.00	2,500.00	7,000.00
Base Exchange Rate	N/A	N/A	N/A
Door to Door Maturity (In Years)	14 yrs	14 yrs	15 yrs
Name of the Projects			
Sipat II	4200	6800	3000

Form 8			
TRANCHE NO			
BP NO 5050000711		T00001	D00001
Unsecured Loan From Punjab National Bank-IV			
Source of Loan :		Punjab National Bank-IV	
Currency :		INR	
Amount of Loan :		20,00,00,00,000	
Total Drawn amount :		20,00,00,00,000	
Date of Drawl		01.01.2019	
Interest Type :		Floating	
Fixed Interest Rate :			
Base Rate, If Floating Interest		8.60%	
Margin, If Floating Interest :		0.00%	
Are there any Caps/ Floor :		Y/N	
Frequency of Intt. Payment		MONTHLY	
If Above is yes, specify Caps/ Floor :			
Moratorium Period :		3 Years	
Moratorium effective from :		01.01.2019	
Repayment Period (Inc Moratorium) :		12 Years	
Repayment Frequency :		9 Yearly Instalment	
Repayment Type :		AVG	
First Repayment Date :		14.02.2023	
Base Exchange Rate :		RUPEE	
Date of Base Exchange Rate :		N.A.	
Project Code	Project Name	Amount	
	UNCHAHA	65,00,00,000.00	01.01.2019
	TANDA-II	85,00,00,000.00	01.01.2019
	NCTPP-II	36,43,00,000.00	01.01.2019
	DADRI GA	56,00,00,000.00	01.01.2019
	KORBA-III	15,00,00,000.00	01.01.2019
	SIPAT-II	17,14,00,000.00	01.01.2019
	FARAKKA-	8,57,00,000.00	01.01.2019
	KAHALGAON	17,14,00,000.00	01.01.2019
	BARH-I	1,08,57,00,000.00	01.01.2019
	BARH-II	8,00,00,000.00	01.01.2019
	NORTH KA	1,09,00,00,000.00	01.01.2019
	KOLDAM	6,43,00,000.00	01.01.2019
	TAPOVAN	28,57,00,000.00	01.01.2019
	PAKRI BAF	1,42,00,00,000.00	01.01.2019
	CHATTI BA	10,00,00,000.00	01.01.2019
	BONGAIGA	36,43,00,000.00	01.01.2019
	KUDGI	60,00,00,000.00	01.01.2019
	LARA	1,23,00,00,000.00	01.01.2019
	GADARWA	2,27,72,00,000.00	01.01.2019
	DARLIPAL	2,73,00,00,000.00	01.01.2019
	KHARGON	50,00,00,000.00	01.01.2019
	ANANTPU	17,00,00,000.00	01.01.2019
	TALAIPALI	5,00,00,00,000.00	01.01.2019
Total Allocated Amount		20,00,00,00,000.00	

Form 8		
TRANCHE NO		
BP NO 5050000261	T00001	D00001
Unsecured Loan From SBI-VII		
Source of Loan :	SBI-VII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Date of drawl	08.07.2011	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00001 - 9.25%	
Margin, If Floating Interest :	D00001 - 0.75%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	08.07.2011	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-II	2,00,00,00,000.00
	RIHAND-III	95,00,00,000.00
	VINDHYAC	45,00,00,000.00
	SIPAT-II	35,00,00,000.00
	SIMHADRI	35,00,00,000.00
	MAUDA	90,00,00,000.00
Total Allocated Amount		5,00,00,00,000.00

08.07.2011 T00001	D00001
08.07.2011 T00001	D00001
08.07.2011 T00001	D00001
08.07.2011 T00001	D00001
08.07.2011 T00001	D00001
08.07.2011 T00001	D00001

Form 8		
TRANCHE NO		
BP NO 5050000442	T00001	D00024
Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	11,50,00,00,000	
Date of Drawl	14.02.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00024-8.0%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	14.02.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Na	Amount
	BARH-I	3,00,00,00,000
	BONGAIGA	34,28,57,142
	FARAKKA	14,28,57,141
	GADARWA	2,50,00,00,000
	KOLDAM	92,85,71,427
	KORBA-III	2,85,71,428
	KUDGI	1,00,00,00,000
	MOUDA-I	40,71,42,856
	NCTPP-II	15,71,42,855
	NORTH KA	1,00,00,00,000
	RIHAND-III	32,14,28,570
	SIMHADRI	53,28,57,141
	SIPAT-I	21,42,85,711
	SIPAT-II	5,71,42,856
	TAPOVAN	50,00,00,000
	VINDHYAC	32,42,85,714
	PAKRI BAR	4,28,57,159
Total Allocated Amount		11,50,00,00,000

14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024
14.02.2017	8.00%	D00024

Form 8			
TRANCHE NO			
BP NO 5050000721		T00001	D00001
Unsecured Loan From Corporation Bank-IV			
Source of Loan :	Corporation Bank-IV		
Currency :	INR		
Amount of Loan :	20,00,00,00,000		
Total Drawn amount :	20,00,00,00,000		
Date of Drawal:	11.01.2019		
Interest Type :	Floating		
Fixed Interest Rate :	8.20%		
Base Rate, If Floating Interest	-		
Margin, If Floating Interest :	-		
Are there any Caps/ Floor :	Y/N		
Frequency of Intt. Payment	MONTHLY		
If Above is yes, specify Caps/ Floor :			
Moratorium Period :	3 Years		
Moratorium effective from :	11.01.2019		
Repayment Period (Inc Moratorium) :	12 Years		
Repayment Frequency :	9 Yearly Instalments		
Repayment Type :	AVG		
First Repayment Date :	11-Jan-23		
Base Exchange Rate :	RUPEE		
Date of Base Exchange Rate :	N.A.		
Project Code	Project Name	Amount	
	SINGRAUL	8,75,00,000	11.01.2019
	FARIDABA	8,75,00,000	11.01.2019
	SINGRAUL	8,75,00,000	11.01.2019
	FARAKKA	11,42,85,716	11.01.2019
	RAJGARH	13,12,50,000	11.01.2019
	NCTPP-II	14,28,57,139	11.01.2019
	GANDHAR	16,60,71,436	11.01.2019
	SIMHADRI	23,21,42,855	11.01.2019
	SIPAT-I	23,43,75,000	11.01.2019
	MOUDA-II	50,00,00,000	11.01.2019
	VINDHYAC	1,00,00,00,000	11.01.2019
	SIPAT-II	1,01,07,14,287	11.01.2019
	MOUDA-I	1,05,44,64,284	11.01.2019
	RIHAND-III	1,22,85,71,426	11.01.2019
	VINDHYAC	2,45,00,00,000	11.01.2019
	KOLDAM	2,71,51,78,577	11.01.2019
	BARH-II	6,75,75,89,280	11.01.2019
	KUDGI	2,00,00,00,000	11.01.2019
Total Allocated Amount		20,00,00,00,000	

Form 8		
TRANCHE NO		
BP NO 5070000011	T00001	D00031
Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	4,00,00,00,00,000	
Date of Drawl	24.09.2011	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00031 - 7.44%	
Margin, If Floating Interest :	D00031 -	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KOLDAM	58,00,00,000.00
	TAPOVAN	15,00,00,000.00
	FARAKKA-	48,00,00,000.00
	SIPAT-I	1,20,00,00,000.00
	NCTPP-II	37,00,00,000.00
	BARH-II	40,00,00,000.00
	KORBA-III	62,00,00,000.00
	KAHALGA	15,00,00,000.00
	SIPAT-II	5,00,00,000.00
Total Allocated Amount		4,00,00,00,000.00

Form 8		
TRANCHE NO		
BP NO 5070000011	T00001	D00033
Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Date of Drawl	31.12.2011	
Interest Type :	Fixed with Reset after every 3 Years	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00033 - 7.83%	
Margin, If Floating Interest :	D00033 -	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SIPAT-I	90,00,00,000.00
	BARH-I	65,00,00,000.00
	BARH-II	80,00,00,000.00
	MOUDA-I	47,00,00,000.00
	BONGAIGA	25,00,00,000.00
	RIHAND-III	38,00,00,000.00
	FARAKKA-	1,31,00,00,000.00
	KORBA-III	7,00,00,000.00
	SIPAT-II	4,00,00,000.00
	KAHALGA	8,00,00,000.00
	UNCHAHA	5,00,00,000.00
Total Allocated Amount		5,00,00,00,000.00

Form 8		
TRANCHE NO		
BP NO 5060000001 T00001		
Unsecured Loan From LIC-III		
Source of Loan :	LIC-III	
Currency :	INR	
Amount of Loan :	40,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Interest Type :	Fixed	
Fixed Interest Rate :	6.57%	
Upfront Fees	0.2% excluding service tax	
Base Rate, If Floating Interest		
Margin, If Floating Interest :		
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Half Yearly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	5 Years	
Moratorium effective from :	31.12.2003	
Repayment Period (Inc Moratorium) :	20 Years	
Repayment Frequency :	30 Half Yearly	
Repayment Type :	Avg	
First Repayment Date :	31.12.2008	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	TALCHER-	90,00,00,000.00
	RAMAGUN	50,00,00,000.00
	KOLDAM	1,30,00,00,000.00
	VINDHYAC	80,00,00,000.00
	KAHALGA	85,00,00,000.00
	SIPAT-II	35,00,00,000.00
	SIPAT-I	10,00,00,000.00
	UNCHAHA	15,00,00,000.00
	RGCCPP	5,00,00,000.00
Total Allocated Amount		5,00,00,00,000.00

Form 8		
TRANCHE NO		
BP NO 5050000141	T00001	D00002
Unsecured Loan From State Bank of India-VI		
Source of Loan :	State Bank of India-VI	
Currency :	INR	
Amount of Loan :	15,75,00,00,000	
Total Drawn amount :	3,00,00,00,000	
Date of Drawl	22.09.2009	
Interest Type :	Floating	
Rate of Interest on 01-04-2014	11.00%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	14.05.2009	
Repayment Period (Inc Moratorium) :	10 Years	
Repayment Frequency :	14 Half Yearly	
Repayment Type :	Avg	
First Repayment Date :	30.09.2012	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KHALAGADI	1,30,00,00,000.00
	SIMHADRI	40,00,00,000.00
	SIMHADRI	60,00,00,000.00
	SIPAT-II	50,00,00,000.00
	KOLDAM	20,00,00,000.00
Total Allocated Amount		3,00,00,00,000.00

Form 8		
TRANCHE NO		
BP NO 5050000141	T00001	D00003
Unsecured Loan From State Bank of India-VI		
Source of Loan :	State Bank of India-VI	
Currency :	INR	
Amount of Loan :	15,75,00,00,000	
Total Drawn amount :	2,00,00,00,000	
Date of Drawl	28.09.2010	
Interest Type :	Floating	
Rate of Interest on 01-04-2014	11.00%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	14.05.2009	
Repayment Period (Inc Moratorium) :	10 Years	
Repayment Frequency :	14 Half Yearly	
Repayment Type :	Avg	
First Repayment Date :	30.09.2012	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCTPP-DA	65,00,00,000.00
	SIPAT-II	1,35,00,00,000.00
Total Allocated Amount		2,00,00,00,000.00

Form 8		
TRANCHE NO		
BP NO 5050000141	T00001	D00004
Unsecured Loan From State Bank of India-VI		
Source of Loan :	State Bank of India-VI	
Currency :	INR	
Amount of Loan :	15,75,00,00,000	
Total Drawn amount :	3,00,00,00,000	
Date of Drawl	11.10.2010	
Interest Type :	Floating	
Rate of Interest on 01-04-2014	11.00%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	14.05.2009	
Repayment Period (Inc Moratorium) :	10 Years	
Repayment Frequency :	14 Half Yearly	
Repayment Type :	Avg	
First Repayment Date :	30.09.2012	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGA	30,00,00,000.00
	SIPAT-II	70,00,00,000.00
	MAUDA	50,00,00,000.00
	RIHAND-III	75,00,00,000.00
	VINDHYAC	75,00,00,000.00
Total Allocated Amount		3,00,00,00,000.00

Form 8		
TRANCHE NO		
BP NO 5050000141	T00001	D00005
Unsecured Loan From State Bank of India-VI		
Source of Loan :	State Bank of India-VI	
Currency :	INR	
Amount of Loan :	15,75,00,00,000	
Total Drawn amount :	2,25,00,00,000	
Date of Drawl	11.12.2010	
Interest Type :	Floating	
Rate of Interest on 01-04-2014	11.00%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	14.05.2009	
Repayment Period (Inc Moratorium) :	10 Years	
Repayment Frequency :	14 Half Yearly	
Repayment Type :	Avg	
First Repayment Date :	30.09.2012	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGA	25,00,00,000.00
	BARH-II	35,00,00,000.00
	MAUDA	25,00,00,000.00
	PAKRI BAF	40,00,00,000.00
	KORBA-III	20,00,00,000.00
	SIPAT-II	10,00,00,000.00
	KOLDAM	10,00,00,000.00
	SIMHADRI	20,00,00,000.00
	VINDHYCH	15,00,00,000.00
	RIHAND-III	25,00,00,000.00
Total Allocated Amount		2,25,00,00,000.00

Part-I															
Form-15															
Details/Information to be submitted in respect of Fuel for Computation of Energy Charges															
Name of the Petitioner		NTPC LTD.													
Name of the Generating Station		Sipat-II													
		Months		Apr-23		May-23		Jun-23		Jul-23		Aug-23		Sep-23	
S. No.	Particulars	Unit	Domestic Coal	Imported Coal	Domestic Coal	Domestic Coal	Domestic Coal	Domestic Coal	Domestic Coal	Domestic Coal					
A)	OPENING QUANTITY														
1	Opening Quantity of Coal/Lignite	MT	5,28,577.67	-	4,91,124.47	4,99,593.80	6,79,130.33	6,20,001.77	6,40,666.56						
2	Value of Stock	Rs.	96,76,42,820.00	-	90,07,71,390.00	94,59,57,371.82	1,33,79,79,794.00	1,20,98,59,664.46	1,23,89,15,235.89						
B)	QUANTITY														
3	Quantity of Coal/Lignite/ Bio Mass supplied by Coal/Lignite/ Bio Mass Company for the month giving complete details of mode of transportation used for transportation along with quantity	MT	11,27,282.48	54.20	12,22,050.36	11,23,745.60	10,11,712.92	10,84,830.46	10,67,307.78						
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company \$	MT		-											
5	Coal supplied by Coal/Lignite [3] + [4]	MT	11,27,282.48	54.20	12,22,050.36	11,23,745.60	10,11,712.92	10,84,830.46	10,67,307.78						
6	Actual Transit & Handling Losses (For coal/Lignite based Projects) specify the source	MT													
6a	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	2,274.68	0.11	2,922.03	2,531.06	2,045.49	2,169.66	2,134.62						
7	Actual Coal / Lignite supplied after adjusting normative transit & handling losses [5] - [6a]	MT	11,25,007.80	54.09	12,19,128.33	11,21,214.54	10,09,667.43	10,82,660.80	10,65,173.16						
C)	PRICE														
8	Amount charged by the Coal/Lignite Company	Rs.	2,00,26,32,191.00	9,24,930.00	2,23,81,07,392.00	2,15,92,24,397.58	1,90,17,83,448.00	2,02,20,81,276.00	1,84,68,72,577.45						
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company \$	Rs.	-												
10	Unloading, Handling and Sampling charges	Rs.	3,86,18,011.00	-	4,15,97,309.00	3,95,75,195.24	3,38,42,667.00	4,11,18,995.75	4,05,61,415.75						
11	Total amount Charged [8]+[9]+[10]	Rs.	2,04,12,50,202.00	9,24,930.00	2,27,97,04,701.00	2,19,87,99,592.82	1,93,56,26,115.00	2,06,32,00,271.75	1,88,74,33,993.20						
D)	TRANSPORTATION														
12	Transportation charges by rail, ship, road transport	Rs.	30,98,796.00	-	3,60,70,470.00	2,68,99,652.00	15,04,838.00								
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.													
14	Demurrage Charges, if any	Rs.													
15	Cost of fuel in transporting coal through MGR system, if applicable	Rs.	2,08,55,465.00		2,17,36,032.00	2,15,57,246.70	2,03,76,590.00	1,95,32,915.83	2,13,20,839.20						
16	Total Transportation Charges [12] + [13] + [14] + [15]	Rs.	2,39,54,261.00	-	5,78,06,502.00	4,84,56,898.70	2,18,81,428.00	1,95,32,915.83	2,13,20,839.20						
17	Total amount Charged for coal/lignite supplied including Transportation [11]+[16]	Rs.	2,06,52,04,463.00	9,24,930.00	2,33,75,11,203.00	2,24,72,56,491.52	1,95,75,07,543.00	2,08,27,33,187.58	1,90,87,54,832.40						
E)	TOTAL COST														
18	Landed cost of coal/ Lignite [(2+17)/(1+7)]	Rs per MT	1,834.10	17,099.33	1,893.45	1,970.14	1,951.38	1,933.79	1,845.23						
19	Blending Ratio		1.00	-	1.00	1.00	1.00	1.00	1.00						
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs per MT	1834.10		1893.45	1970.14	1,951.38	1,933.79	1,845.23						
F)	QUALITY														
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company/ Integrated Mine/ Biomass Company	Kcal/Kg	4,149.00		4,078.00	4,109.00	4,151.00	4,006.00	4,178.00						
22	GCV of Domestic Coal/ Biomass supplied as per bill of Coal Company/ Integrated Mine/ Biomass Company *	Kcal/Kg	4,045.00		4,121.00	4,170.00	3,909.00	4,276.00	4,225.00						
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	Kcal/Kg													
24	GCV of Imported Coal supplied as per bill of Coal Company	Kcal/Kg		5,108.00											
25	Weighted average GCV of coal/ Lignite as Billed (Including Biomass)	Kcal/Kg	4078.00		4109.00	4151.00	4,006.00	4,178.00	4,207.00						
26	GCV of Domestic Coal / Coal from Integrated Mines / Bio Mass of the opening stock as received at Station	Kcal/Kg	3,724.00		3,687.00	3,734.00	3,697.00	3,626.00	3,719.00						
27	GCV of Domestic coal/ Coal from Integrated Mine/ Biomass supplied as received at Station	Kcal/Kg	3,669.00		3,754.00	3,680.00	3,597.00	3,772.00	3,616.00						
28	GCV of Imported Coal of the opening stock as received at Station	Kcal/Kg													
29	GCV of Imported Coal supplied as received at Station	Kcal/Kg		4,534.00											
30	Weighted average GCV of Coal/ Lignite as Received (Including Biomass)	Kcal/Kg	3687.00		3734.00	3697.00	3,626.00	3,719.00	3,655.00						
Wt avg price of fuel		1960.17													
Wt avg GCV of fuel as received		3573.25													

Part-I									
Form-15									
Details/Information to be submitted in respect of Fuel for Computation of Energy Charges									
Name of the Petitioner		NTPC LTD.							
Name of the Generating Station		Sipat-II							
		Months		Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
S. No.	Particulars	Unit	Domestic Coal	Domestic Coal	Domestic Coal	Domestic Coal	Domestic Coal	Domestic Coal	Domestic Coal
A)	OPENING QUANTITY								
1	Opening Quantity of Coal/Lignite	MT	6,49,467.73	4,75,445.74	2,52,252.44	1,88,573.54	3,28,275.08	3,56,649.78	
2	Value of Stock	Rs.	1,19,84,18,636.00	92,66,29,486.00	48,89,55,283.00	39,51,13,418.11	68,13,92,457.53	71,38,84,177.49	
B)	QUANTITY								
3	Quantity of Coal/Lignite/ Bio Mass supplied by Coal/Lignite/ Bio Mass Company for the month giving complete details of mode of transportation used for transportation along with quantity	MT	11,69,938.89	11,86,570.41	14,08,209.44	15,18,822.84	13,95,621.61	14,66,845.94	
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company \$	MT							
5	Coal supplied by Coal/Lignite [3] + [4]	MT	11,69,938.89	11,86,570.41	14,08,209.44	15,18,822.84	13,95,621.61	14,66,845.94	
6	Actual Transit & Handling Losses (For coal/Lignite based Projects) specify the source	MT							
6a	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	2,339.88	2,937.71	4,362.34	4,994.30	5,160.91	6,087.67	
7	Actual Coal / Lignite supplied after adjusting normative transit & handling losses [5] - [6a]	MT	11,67,599.01	11,83,632.70	14,03,847.10	15,13,828.54	13,90,460.70	14,60,758.27	
C)	PRICE								
8	Amount charged by the Coal/Lignite Company	Rs.	2,27,69,74,888.00	2,19,50,36,158.00	2,82,12,55,537.00	2,96,38,11,220.00	2,56,22,25,603.01	2,74,46,48,530.64	
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company \$	Rs.							
10	Unloading, Handling and Sampling charges	Rs.	4,24,70,446.00	3,11,25,570.00	2,59,46,627.00	2,78,33,336.91	3,08,13,469.37	4,16,71,330.23	
11	Total amount Charged [8]+[9]+[10]	Rs.	2,31,94,45,334.00	2,22,61,61,728.00	2,84,72,02,164.00	2,99,16,44,556.91	2,59,30,39,072.38	2,78,63,19,860.87	
D)	TRANSPORTATION	Rs.							
12	Transportation charges by rail, ship, road transport	Rs.		4,32,32,835.00	11,60,93,588.00	12,19,12,139.00	14,42,07,810.00	17,59,81,870.00	
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.							
14	Demurrage Charges, if any	Rs.							
15	Cost of fuel in transporting coal through MGR system, if applicable	Rs.	2,35,45,266.00	1,98,62,704.00	1,77,33,493.00	2,49,62,030.00	2,16,50,657.00	2,05,23,541.32	
16	Total Transportation Charges [12] + [13] + [14] + [15]	Rs.	2,35,45,266.00	6,30,95,539.00	13,38,27,081.00	14,68,74,169.00	16,58,58,467.00	19,65,05,411.32	
17	Total amount Charged for coal/lignite supplied including Transportation [11]+[16]	Rs.	2,34,29,90,600.00	2,28,92,57,267.00	2,98,10,29,245.00	3,13,85,18,725.91	2,75,88,97,539.38	2,98,28,25,272.19	
E)	TOTAL COST								
18	Landed cost of coal/ Lignite [(2+17)/(1+7)]	Rs per MT	1,948.97	1,938.36	2,095.28	2,075.67	2,001.64	2,034.06	
19	Blending Ratio		1.00	1.00	1.00	1.00	1.00	1.00	
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs per MT	1,948.97	1,938.36	2,095.28	2,075.67	2,001.64	2,034.06	
F)	QUALITY								
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company/ Integrated Mine/ Biomass Company	Kcal/Kg	4,051.00	4,020.00	4,007.00	3,997.00	3,974.00	3,968.00	
22	GCV of Domestic Coal/ Biomass supplied as per bill of Coal Company/ Integrated Mine/ Biomass Company *	Kcal/Kg	4,001.00	4,002.00	3,995.00	3,971.00	3,967.00	3,933.00	
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	Kcal/Kg							
24	GCV of Imported Coal supplied as per bill of Coal Company	Kcal/Kg							
25	Weighted average GCV of coal/ Lignite as Billed (Including Biomass)	Kcal/Kg	4,020.00	4,007.00	3,997.00	3,974.00	3,968.00	3,940.00	
26	GCV of Domestic Coal / Coal from Integrated Mines / Bio Mass of the opening stock as received at Station	Kcal/Kg	3,643.00	3,506.00	3,359.00	3,367.00	3,641.00	3,435.00	
27	GCV of Domestic coal/ Coal from Integrated Mine/ Biomass supplied as received at Station	Kcal/Kg	3,430.00	3,300.00	3,368.00	3,676.00	3,387.00	3,455.00	
28	GCV of Imported Coal of the opening stock as received at Station	Kcal/Kg							
29	GCV of Imported Coal supplied as received at Station	Kcal/Kg							
30	Weighted average GCV of Coal/ Lignite as Received (Including Biomass)	Kcal/Kg	3,506.00	3,359.00	3,367.00	3,642.00	3,436.00	3,451.00	
Wt avg price of fuel		1960.17							
Wt avg GCV of fuel as received		3573.25	Petitioner						

	Form-15A							
Details of Secondary Fuel for Computation of Energy Charges								
	Name of the company	NTPC Limited						
	Name of the power station	SIPAT-II	2023-24					
			LDO	LDO	LDO	LDO	LDO	LDO
S.No	Particulars	Unit	Apr-23	May-23	Jun-23	July-23	Aug-23	Sep-23
A	OPENING QUANTITY							
1	Opening stock of Secondary oil	KL	3,229.87	4,851.86	4,411.86	3,592.86	3,096.86	5,224.50
2	Value of opening stock	Rs	24,05,47,077.00	37,03,86,731.00	33,67,97,497.00	27,42,75,718	23,64,11,490	40,27,45,169
B	Quantity							
3	Quantity of oil supplied by oil caompany	KL	2,908.99	0.00	0.00	0.00	3033.64	0
4	Adjustment(+/-) in qty supplied by Oil company	KL	0.00	0.00	0.00	0.00	0.00	0
5	Oil supplied by oil company (3+4)	KL	2,908.99	0.00	0.00	0.00	3,033.64	0.00
6	Normative transit & handling losses	KL	0.00	0.00	0.00	0.00	0.00	0.00
7	Net oil supplied (5-6)	KL	2,908.99	0.00	0.00	0.00	3,033.64	0.00
C	PRICE							
8	Amount charged by Oil company	Rs	22,80,88,165.00	0.00	0.00	0.00	236175259	0
9	Adjustment (+/-) in amount charged by Oil company	Rs	0.00	0.00	0.00	0.00	0.00	0
10	Handling, sampling and such other similar charges	Rs	0.00	0.00	0.00	0.00	0.00	0
11	Total amount charged (8+9+10)	Rs	22,80,88,165.00	0.00	0.00	0.00	23,61,75,259.00	0.00
D	TRANSPORTATION							
12	Transportation charges by rail/ship/road transport	Rs						
	by rail	Rs	0.00	0.00	0.00	0.00	0.00	0
	by road	Rs	0.00	0.00	0.00	0.00	0.00	0
	by ship	Rs	0.00	0.00	0.00	0.00	0.00	0
	Adjustment(+/-) in amount charged by railways/transport company	Rs	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges (if any)	Rs	0.00	0.00	0.00	0.00	0.00	0.00
	Cost of diesel in transporting oil through MGR system,if applicable	Rs	0.00	0.00	0.00	0.00	0.00	0.00
16	Total transportation charges (12+/- 13-14+15)	Rs	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied incl transportation (11+16)	Rs	22,80,88,165.00	0.00	0.00	0.00	23,61,75,259.00	0.00
E	Total Cost							
18	Landed cost of oil (HFO/LDO) (2+17)/(1+7)	Rs/KL	76,339.17	76,339.17	76,339.17	76,339.17	77,087.84	77,087.84
19	Blending ratio	%						NA
20	Weighted average cost of oil	Rs/KL	76,339.17	76,339.17	76,339.17	76,339.17	77,087.84	77,087.84
F	QUALITY							
21	GCV of oil of the opening stock as per bill of oil company	Kcal/litre						
22	GCV of oil supplied as per bill of oil company	Kcal/litre						
23	Weighted average GCV of oil as billed	Kcal/litre						
24	GCV of oil of the opening stock as received at station	Kcal/litre	10,663.00	10,621.00	10,621.00	10,621.00	10,621.00	10,571.00
25	GCV of oil supplied (HFO/LDO) as received at station	Kcal/litre	10,574.00				10,520.00	
26	Weighted average GCV of Oil (HFO/LDO)	Kcal/litre	10,621.00	10,621.00	10,621.00	10,621.00	10,571.00	10,571.00
			<div style="float: right;"> <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div>					
			Wt avg Price of oil 76,838.28 Wt avg GCV of oil 10,587.67					

Form-15A									
Details of Secondary Fuel for Computation of Energy Charges									
Name of the company		NTPC Limited							
Name of the power station		SIPAT-II							
			LDO	LDO	LDO	LDO	LDO	LDO	
S.No	Particulars	Unit	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	
A	OPENING QUANTITY								
1	Opening stock of Secondary oil	KL	5,224.50	4,349.50	3,851.50	3,224.50	3224.497	3224.5	
2	Value of opening stock	Rs	40,27,45,169	33,52,93,313	29,69,03,570	24,85,69,497	248569496.7	248569497	
B	Quantity								
3	Quantity of oil supplied by oil company	KL	0	0	0	0	0	0	
4	Adjustment(+/-) in qty supplied by Oil company	KL	0	0	0	0	0	0	
5	Oil supplied by oil company (3+4)	KL	0.00	0.00	0.00	0.00	0.00	0.00	
6	Normative transit & handling losses	KL	0.00	0.00	0.00	0.00	0.00	0.00	
7	Net oil supplied (5-6)	KL	0.00	0.00	0.00	0.00	0.00	0.00	
C	PRICE								
8	Amount charged by Oil company	Rs	0	0	0	0	0	0	
9	Adjustment (+/-) in amount charged by Oil company	Rs	0	0	0	0	0	0	
10	Handling, sampling and such other similar charges	Rs	0	0	0	0	0	0	
11	Total amount charged (8+9+10)	Rs	0.00	0.00	0.00	0.00	0.00	0.00	
D	TRANSPORTATION								
12	Transportation charges by rail/ship/road transport	Rs							
	by rail	Rs	0	0	0	0	0	0	
	by road	Rs	0	0	0	0	0	0	
	by ship	Rs	0	0	0	0	0	0	
	Adjustment(+/-) in amount charged by railways/transport company	Rs	0.00	0.00	0.00	0.00	0.00	0.00	
14	Demurrage charges (if any)	Rs	0.00	0.00	0.00	0.00	0.00	0.00	
15	Cost of diesel in transporting oil through MGR system,if applicable	Rs	0.00	0.00	0.00	0.00	0.00	0.00	
16	Total transportation charges (12+/- 13-14+15)	Rs	0.00	0.00	0.00	0.00	0.00	0.00	
17	Total amount charged for oil supplied incl transportation (11+16)	Rs	0.00	0.00	0.00	0.00	0.00	0.00	
E	Total Cost								
18	Landed cost of oil (HFO/LDO) (2+17)/(1+7)	Rs/KL	77,087.84	77,087.84	77,087.84	77,087.84	77,087.84	77,087.76	
19	Blending ratio	%							
20	Weighted average cost of oil	Rs/KL	77,087.84	77,087.84	77,087.84	77,087.84	77,087.84	77,087.76	
F	QUALITY								
21	GCV of oil of the opening stock as per bill of oil company	Kcal/litre							
22	GCV of oil supplied as per bill of oil company	Kcal/litre							
23	Weighted average GCV of oil as billed	Kcal/litre							
24	GCV of oil of the opening stock as received at station	Kcal/litre	10,571.00	10,571.00	10,571.00	10,571.00	10,571.00	10,571.00	
25	GCV of oil supplied (HFO/LDO) as received at station	Kcal/litre							
26	Weighted average GCV of Oil (HFO/LDO)	Kcal/litre	10,571.00	10,571.00	10,571.00	10,571.00	10,571.00	10,571.00	

PART-I FORM- L				
<u>Statement of Capital cost</u>				
(Amount in Rs Lakh)				
Name of the Petitioner		NTPC Limited		
Name of the Generating Station		Sipat Super Thermal Power Station Stage-II		
COD		01-01-2009		
Sl. No.	Particulars	2024-25		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books	4,76,460.11	991.03269	4,75,469.08
	b) Amount of IDC in A(a) above	2,154.87	0	2,154.87
	c) Amount of FC in A(a) above	-	0	-
	d) Amount of FERV in A(a) above	-3,816.68	0	-3,816.68
	e) Amount of Hedging Cost in A(a) above	-	0	-
	f) Amount of IEDC in A(a) above	0	0	-
B	a) Addition in Gross Block Amount during the period (Direct purchases)			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
	f) Amount of IEDC in C(a) above			
D	a) Deletion in Gross Block Amount during the period			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			
	f) Amount of IEDC in D(a) above			
E	a) Closing Gross Block Amount as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			
(Petitioner)				

PART-I FORM- M				
<u>Statement of Capital Works in Progress</u>				
(Amount in Rs Lakh)				
Name of the Petitioner		NTPC Limited		
Name of the Generating Station		Sipat Super Thermal Power Station Stage-II		
COD		01-01-2009		
Sl. No.	Particulars	2024-25		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books	100.28	32.70	67.58
	b) Amount of IDC in A(a) above	-	-	-
	c) Amount of FC in A(a) above	-	-	-
	d) Amount of FERV in A(a) above	-	-	-
	e) Amount of Hedging Cost in A(a) above	-	-	-
	f) Amount of IEDC in A(a) above	-	-	-
B	a) Addition in CWIP during the period			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
C	a) Transferred to Gross Block Amount during the period			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
	f) Amount of IEDC in C(a) above			
D	a) Deletion in CWIP during the period			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			
	f) Amount of IEDC in D(a) above			
E	a) Closing CWIP as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			
Petitioner				

PART-I FORM- N							
Calculation of Interest on Normative Loan							
Name of the Company :		NTPC Limited					
Name of the Power Station :		Sipat Super Thermal Power Station Stage-II					
(Amount in Rs Lakh)							
S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
1	Gross Normative loan – Opening	3,01,255.71	3,01,064.68	3,01,589.19	3,02,415.19	3,03,472.80	3,03,822.80
2	Cumulative repayment of Normative loan up to previous year	2,88,273.74	2,96,635.48	3,01,589.19	3,02,415.19	3,03,472.80	3,03,822.80
3	Net Normative loan – Opening	12,981.97	4,429.20	-	-	-	-
4	Add: Increase due to addition during the year / period	296.82	524.51	826.00	1,057.62	350.00	490.00
5	Less: Decrease due to de-capitalisation during the year / period	-570.87	0.00	0.00	0.00	0.00	0.00
6	Less: Decrease due to reversal during the year / period						
7	Add: Increase due to discharges during the year / period	83.01	0.00	0.00	0.00	0.00	0.00
8	Net addition in loan during the period (4+5+6+7)	-191.04	524.51	826.00	1057.62	350.00	490.00
9	Less: Repayment of Loan	8918.24	4,953.71	826.00	1,057.62	350.00	490.00
10	Repayment adjustment on account of de capitalisation	556.50					
11	Repayment adjustment on account of discharges/reversals corresponding to un discharged liabilities deducted as on 1.4.2009	-					
12	Net Normative loan - Closing	4,429.20	-	-	-	-	-
13	Average Normative loan	8,705.59	2,214.60	-	-	-	-
14	Weighted average rate of interest	7.9643	7.996	8.072	8.193	8.192	8.191
15	Interest on Loan	693.34	177.07	0.00	0.00	0.00	0.00
(Petitioner)							

PART 1
FORM- O

Calculation of Interest on Working Capital

Name of the Company :			NTPC Limited				
Name of the Power Station :			Sipat Super Thermal Power Station Stage-II				
(Amount in Rs Lakh)							
S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
1	Cost of Coal/Lignite	18,759.88	10866.04	10866.04	10866.04	10866.04	10866.04
2	Cost of Main Secondary Fuel Oil	463.39	476.78	476.78	476.78	478.09	476.78
3	Fuel Cost						
4	Liquid Fuel Stock						
5	O & M Expenses	2,841.44	3914.05	4113.60	4320.04	4534.29	4756.48
6	Maintenance Spares	6,819.45	9393.72	9872.65	10368.10	10882.31	11415.56
7	Receivables	30,680.10	23190.68	23497.29	23847.45	24172.33	24565.97
8	Total Working Capital	59564.25	47841.28	48826.37	49878.40	50933.06	52080.84
9	Rate of Interest	12.0000	11.9000	11.9000	11.9000	11.9000	11.9000
10	Interest on Working Capital	7147.71	5693.11	5810.34	5935.53	6061.03	6197.62
Petitioner							

<u>Computation of Energy Charges</u>				<u>Form-Oi</u>			
				ADDITIONAL FORM			
Name of the Company		NTPC Limited					
Name of the Power Station		Sipat Super Thermal Power Station Stage-II					
Computation of Energy Charges			2024-25	2025-26	2026-27	2027-28	2028-29
No of Days in the year		Days	365	365	365	366	365
Sp. Oil consumption		ml/kwh	0.5	0.5	0.5	0.5	0.5
Auxiliary consumption		%	5.750	5.750	5.750	5.750	5.750
Heat Rate		Kcal/Kwh	2,375.00	2,375.00	2,375.00	2,375.00	2375.00
Computation of Variable Charges							
Variable Charge (Coal)		p/kwh	141.286	141.286	141.286	141.286	141.286
Variable Charge (Oil)		p/kwh	4.076	4.076	4.076	4.076	4.076
Total		p/kwh	145.363	145.363	145.363	145.363	145.363
Price of fuel from Form-15/15A							
Coal Cost		(Rs./MT)	1960.17	1960.17	1960.17	1960.17	1960.17
Oil Cost		(Rs./KL)	76838.28	76838.28	76838.28	76838.28	76838.28
Computation of Fuel Expenses for Calculation of IWC:							
ESO in a year		(MUs)	7017.86	7017.86	7017.86	7037.08	7017.855
ESO for 40 days		(MUs)	769.080	769.080	769.08	769.08	769.080
Cost of coal for 40 Days		(Rs. Lakh)	10866.04	10866.04	10866.04	10866.04	10866.04
Cost of oil for 2 months		(Rs. Lakh)	476.78	476.78	476.78	478.09	476.78
Energy Expenses for 45 days		(Rs. Lakh)	12576.98	12576.98	12576.98	12576.98	12576.98
For 2023-24							
Coal							Wtd. Avg.
Wtd. Avg. Price of Coal					Rs./MT		1960.17
Wtd. Avg. GCV of Coal as received					kCal/Kg		3573.25
Wtd. Avg. GCV of Coal as received after adjustment of 85 kcal/kg							3488.25
Sec. Oil							
Wtd. Avg. Price of Secondary Fuel					Rs/KL		76838.28
Wtd. Avg. GCV of Secondary Fuel					kCal/L		10587.67
1		Rate of Energy Charge from Sec. Fuel Oil/ Alternate Fuel (p/kwh)	$= (Q_s)_n \times P_s$	3.842			
2		Heat Contribution from SFO / Alternate Fuel (H_s)	$= (Q_s)_n \times (GCV)_s$	5.294			
3		Heat Contribution from coal (H_p) _s	$= GHR - H_s$	2369.71			
4		Specific Primary Fuel Consumption ($(Q_p)_n$)	$= H_p / (GCV)_p$	0.679			
5		Rate of Energy charge from Primary Fuel (p/kwh)	$(REC)_p$	133.162			
6		Rate of Energy charge ex-bus (p/kWh)	$= ((REC)_s + (REC)_p) / (1 - (AUX))$	145.363			
PETITIONER							

Summary of issue involved in the petition

Name of the Company :		NTPC Limited				
Name of the Power Station :		Sipat Super Thermal Power Station Stage-II				
1	Petitioner:	NTPC Limited				
2	Subject	Approval of tariff of Sipat Stage-II (2x500 MW) for the period from 01.04.2024 to 31.03.2029				
3	Prayer: i) Approve tariff of Sipat Super Thermal Power Station Stage-II (1000 MW) for the tariff period 01.04.2019 to 31.03.2024. ii) Approve the tariff of Combustion Modification System (CMS). iii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries. iv) Allow reimbursement of Ash utilization Expenditure directly from the beneficiaries on monthly basis, subject to true up. v) Allow the recovery of pay/wage revision as additional O&M over and above the normative O&M. vi) Pass any other order as it may deem fit in the circumstances mentioned above.					
4	Respondents: Six (6) no. respondents					
	Name of Respondents					
	MSEDCL		Electricity Deptt, Goa			
	GUVNL		DNHDDPDCL			
	MPPMCL		CSPDCL			
5	Project Scope					
		2024-25	2025-26	2026-27	2027-28	2028-29
	Cost					
	Commissioning					
	Claim					
	AFC (in Rs Lakh)	86088.88	88575.85	91415.97	94308.82	97244.02
	Capital cost (in Rs Lakh)	4,30,467.05	4,31,431.70	4,32,777.14	4,33,782.58	4,34,382.58
	Initial spare					
	NAPAF (Gen)	85%				
	Any Specific					

APPENDIX-IA

SUPPLEMENTARY TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF SUPPLEMENTARY TARIFF OF

Sipat Super Thermal Power Station Stage-II

(For ECS- DeNOx System for 2024-29 Period)

<u>Checklist of Main Tariff Forms and other information for supplementary tariff filing for Thermal Stations</u>		
Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM- 1	Summary of Supplementary Tariff	✓
FORM -1 (I)	Statement showing claimed capital cost	✓
FORM -1 (II)	Statement showing Return on Equity	✓
FORM-2	Plant Characteristics	✓
FORM-3	Normative parameters considered for tariff computations	✓
FORM-3A	Statement showing O&M Expenses	✓
FORM-3B**	Statement of Special Allowance	NA
FORM- 4	Details of Foreign loans	NA
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	NA
FORM- 6	Financial Package upto COD	NA
FORM- 7	Details of Project Specific Loans	NA
FORM- 8	Details of Allocation of corporate loans to various projects	NA
FORM-9A	Summary of Statement of Additional Capitalisation claimed during the period	✓
FORM-9	Statement of Additional Capitalisation after COD	✓
FORM- 10	Financing of Additional Capitalisation	NA
FORM- 11	Calculation of Depreciation on original project cost	✓
FORM- 12	Statement of Depreciation	✓
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	***
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	***
FORM- 15	Details of Fuel for Computation of Energy Charges	NA
FORM- Oi	Computation of Supplementary Energy Charges	✓
FORM- 16	Details of Reagent for Computation of Energy Charge Rate	NA
FORM-17	Details of Capital Spares	NA
FORM- 18	Non-Tariff Income	NA
FORM-19	Details of Water Charges	NA
FORM-20	Details of Statutory Charges	NA
PART-I		
<u>List of Supporting Forms / documents for supplementary tariff filing for Thermal Stations</u>		
Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM-A	Abstract of Capital Cost Estimates	NA
FORM-B	Break-up of Capital Cost for Coal/Lignite based projects	✓
FORM-C	Break-up of Capital Cost for Gas/Liquid fuel based Projects	NA
FORM-D	Break-up of Construction/Supply/Service packages	✓
FORM-E	Details of variables , parameters , optional package etc. for New Project	NA
FORM-F	Details of cost over run	NA
FORM-G	Details of time over run	NA
FORM -H	Statement of Additional Capitalisation during end of the useful life	NA
FORM -I	Details of Assets De-capitalised during the period	NA
FORM -J	Reconciliation of Capitalisation claimed vis-à-vis books of accounts	NA
FORM -K	Statement showing details of items/assets/works claimed under Exclusions	NA
FORM-L	Statement of Capital cost	✓
FORM-M	Statement of Capital Woks in Progress	NA
FORM-N	Calculation of Interest on Normative Loan	✓
FORM-O	Calculation of Interest on Working Capital	✓
FORM-Oi	Additional Form	✓
FORM-P	Incidental Expenditure up to SCOD and up to Actual COD	NA
FORM-Q	Expenditure under different packages up to SCOD and up to Actual COD	NA
FORM-R	Actual cash expenditure	NA
FORM-S	Statement of Liability flow	✓
FORM-T	Summary of issues involved in the petition	✓

PART-I FORM- 1								
Summary of Supplementary Tariff (DeNOx System)								
	Name of the Petitioner:	NTPC Ltd.						
	Name of the Generating Station:	Sipat Super Thermal Power Station Stage-II						
Amount in Rs. Lakhs								
S. No.	Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5				6
1.1	Depreciation	Rs Lakh	83.27	83.27	83.27	83.27	83.27	83.27
1.2	Interest on Loan	Rs Lakh	79.86	73.52	67.50	61.69	54.86	48.03
1.3	Return on Equity	Rs Lakh	68.80	69.65	69.65	69.65	69.65	69.65
1.4	Interest on Working Capital	Rs Lakh	5.09	5.17	5.17	5.17	5.16	5.17
1.5	O&M Expenses	Rs Lakh	32.65	34.36	36.17	38.07	40.07	42.17
	Total	Rs Lakh	269.66	265.98	261.76	257.85	253.01	248.30
(Petitioner)								

PART-I						
FORM- 1(I)						
Name of the Petitioner:		NTPC Ltd.				
Name of the Generating Station:		Sipat Super Thermal Power Station Stage-II				
Amount in Rs. Lakhs						
<u>Statement showing claimed capital cost</u>						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4			5
1	Opening Capital Cost	1577.07	1577.07	1577.07	1577.07	1577.07
2	Add: Addition during the year/period	0.00	0.00	0.00	0.00	0.00
3	Less: De-capitalisation during the year/period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year/ period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	1577.07	1577.07	1577.07	1577.07	1577.07
7	Average Capital Cost	1577.07	1577.07	1577.07	1577.07	1577.07
<u>Statement showing claimed capital cost eligible for RoE at rate at normal rate (A)</u>						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4			5
1	Opening Capital Cost	0.00	0.00	0.00	0.00	0.00
2	Add: Addition during the year / period					
3	Less: De-capitalisation during the year / period					
4	Less: Reversal during the year / period					
5	Add: Discharges during the year / period					
6	Closing Capital Cost	0.00	0.00	0.00	0.00	0.00
7	Average Capital Cost	0.00	0.00	0.00	0.00	0.00
<u>Statement showing claimed capital cost eligible for RoE at rate linked to SBI MCLR (B)</u>						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4			5
1	Opening Capital Cost	1,577.07	1,577.07	1,577.07	1,577.07	1,577.07
2	Add: Addition during the year / period	-	-			-
3	Less: De-capitalisation during the year / period					
4	Less: Reversal during the year / period					
5	Add: Discharges during the year / period	-	-	-	-	-
6	Closing Capital Cost	1577.07	1577.07	1577.07	1577.07	1577.07
7	Average Capital Cost	1577.07	1577.07	1577.07	1577.07	1577.07
(Petitioner)						

PART-I						
FORM- 1(IIA)						
Name of the Petitioner:			NTPC Ltd.			
Name of the Generating Station:			Sipat Super Thermal Power Station Stage-II			
Statement showing Return on Equity at at rate linked to SBI MCLR						
Amount in Rs. Lakhs						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4			5
	Return on Equity eligible for RoE at rate linked to SBI MCLR					
1	Gross Opening Equity (Normal)	473.12	473.12	473.12	473.12	473.12
2	Less: Adjustment in Opening Equity					
3	Adjustment during the year					
4	Net Opening Equity (Normal)	473.12	473.12	473.12	473.12	473.12
5	Add: Increase in equity due to addition during the year / period	-	-			-
7	Less: Decrease due to De-capitalisation during the year / period	-	-			-
8	Less: Decrease due to reversal during the year / period	-	-			-
9	Add: Increase due to discharges during the year / period	-	-			-
10	Net closing Equity (Normal)	473.12	473.12	473.12	473.12	473.12
11	Average Equity (Normal)	473.12	473.12	473.12	473.12	473.12
12	Rate of ROE (%)	14.722%	14.722%	14.722%	14.722%	14.722%
13	Total ROE	69.65	69.65	69.65	69.65	69.65
(Petitioner)						

PART-I		
FORM-2		
<u>Plant Characteristics</u>		
Name of the Petitioner	NTPC Ltd.	
Name of the Generating Station	Sipat Super Thermal Power Station Stage-II	
Unit(s)/Block(s)/Parameters	Unit-IV	Unit-V
Installed Capacity (MW)	500	500
Environmental Regulation related features	Combustion Modification	
Reagent	NA	
Date of Operation for Tariff (ODe)	14-07-2022	14-07-2022
Auxiliary Energy Consumption for emission control system (Design) (kW)*	NA	
(PETITIONER)		

PART-I FORM-3							
<u>Normative parameters considered for supplementary tariff computations</u>							
Name of the Petitioner:		NTPC Ltd.					
Name of the Generating Station:		Sipat Super Thermal Power Station Stage-II					
(Year Ending March)							
Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	4
Base Rate of Return on Equity	%	12.00%	12.15%	12.15%	12.15%	12.15%	12.15%
Effective Tax Rate	%	17.47%	17.47%	17.47%	17.47%	17.47%	17.47%
Target Availability							
Peak Hours		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Auxiliary Energy Consumption	%	6.25%	5.75%	5.75%	5.75%	5.75%	5.75%
Auxiliary Energy Consumption for emission control system (Design)	%	-	-	-	-	-	-
Rate of Interest on Working Capital	%	12.00%	11.90%	11.90%	11.90%	11.90%	11.90%
O&M Expenses	% of Capital Cost	2					
Maintenance Spares for WC	% of O&M	20.00%					
Receivables for WC	in Days	45					
Petitioner							

Part-I FORM-3A ADDITIONAL FORM						
<u>Calculation of O&M Expenses</u>						
Name of the Company :		NTPC Ltd.				
Name of the Power Station :		Sipat Super Thermal Power Station Stage-II				
Amount in Rs. Lakhs						
S.No	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4			5
1	O&M expenses under Reg.35(1)(7)					
1a	Normative O&M expenses- ECS	34.36	36.17	38.07	40.07	42.17
	Total O&M Expenses	34.36	36.17	38.07	40.07	42.17
(Petitioner)						

PART-I FORM- 9A Additional Form						
<u>Year wise Statement of Additional Capitalisation after COD</u>						
Name of the Petitioner		NTPC Ltd.				
Name of the Generating Station		Sipat Super Thermal Power Station Stage-II				
For Financial Year		2019-24 Summary				
Amount in Rs Lakh						
Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)				
		2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Combustion Modification System Unit 1	-	-	-	-	-
2	Combustion Modification System Unit 2	-	-	-	-	-
Total Add Cap		-	-	-	-	-
5	Discharge of Liabilities	-	-	-	-	-
Total Add. Cap. Claimed including discharge of liabilities		-	-	-	-	-
(Petitioner)						

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	Sipat Super Thermal Power Station Stage-II
For Financial Year	2024-25

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Projected)			Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
			Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
1	Combustion Modification System Unit 4							
2	Combustion Modification System Unit 5							
3	Discharge of liabilities			-				
	Total	-	-	-	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner				NTPC Ltd.				
Name of the Generating Station				Sipat Super Thermal Power Station Stage-II				
For Financial Year				2025-26				
Amount in Rs Lakh								
Sl. No.	Head of Work /Equipment		ACE Claimed (Projected)			Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
1	Combustion Modification System Unit 4							
2	Combustion Modification System Unit 5							
3	Discharge of liabilities					25(1)(f)	Discharge of liabilities of works already admitted/ claimed. Hon'ble Commission may be pleased to allow the same	
	Total	-	-	-	-			
(Petitioner)								

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	Sipat Super Thermal Power Station Stage-II
For Financial Year	2026-27

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
1	Combustion Modification System Unit 4							
2	Combustion Modification System Unit 5							
3	Discharge of liabilities			-				
	Total	-	-	-	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner				NTPC Ltd.				
Name of the Generating Station				Sipat Super Thermal Power Station Stage-II				
For Financial Year				2027-28				
Amount in Rs Lakh								
Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
1	2	3	4	5= (3-4)	6	7	8	9
1	Combustion Modification System Unit 4							
2	Combustion Modification System Unit 5							
3	Discharge of liabilities			-				
	Total	-	-	-	-			
(Petitioner)								

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	Sipat Super Thermal Power Station Stage-II
For Financial Year	2028-29

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
1	Combustion Modification System Unit 4							
2	Combustion Modification System Unit 5							
3	Discharge of liabilities							
	Total	-	-	-	-			

(Petitioner)

<div style="text-align: right;">PART-I FORM- 11</div> <div style="text-align: center;"> Calculation of Depreciation Name of the Petitioner Name of the Generating Station </div> <div style="text-align: center;"> NTPC Sipat Super Thermal Power Station Stage-II Amount in Rs Lakh </div>				
Sl.No.	Name of the Assets1	Depreciation Rates as per CERC's Depreciation Rate Schedule	Gross Block as on 01.04.2024	Depreciation
1	Land-Free Hold	0.00%		0.00
2	Plant & Machinery	5.28%	1,577.07	83.27
3	Cooling Towers & CW System.	5.28%		0.00
4	Air conditioning	5.28%		0.00
5	Chimney	5.28%		0.00
6	Main Plant Building	3.34%		0.00
7	Ash Dyke/Disposal Area	5.28%		0.00
8	S-Yard	5.28%		0.00
9	Raw Water Reservoir	5.28%		0.00
10	MGR & Wagons	5.28%		0.00
11	Locomotive	9.50%		0.00
12	Residential Building	3.34%		0.00
13	Water Treatment Plant	5.28%		0.00
14	Spares	5.28%		0.00
15	Furniture & Fixtures, OFFICE EQUIPMENT	6.33%		0.00
16	Other MBOAs / T&Ps.	6.33%		0.00
17	EDP, WP & SATCOM.	15.00%		0.00
18	Construction equipment	5.28%		0.00
19	Temp. Constructions	100.00%		0.00
20	Central Repair/Workshop	5.28%		0.00
21	Road/Bridge	3.34%		0.00
22	Software	15.00%		0.00
23	Water Supply drainage	5.28%		0.00
24	5 Km Scheme	5.28%		0.00
25	Hospital Equipment	5.28%		0.00
26	Vehicle	9.50%		0.00
	Total		1,577.07	83.27
	Weighted Average Rate of Depreciation (%)			5.2800%
Petitioner				

PART-I FORM- 12							
Statement of Depreciation							
Name of the Company :			NTPC Ltd.				
Name of the Power Station :			Sipat Super Thermal Power Station Stage-II				
(Amount in Rs Lakh)							
S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	4	5				6
1	Opening Capital Cost	1,577.07	1,577.07	1,577.07	1,577.07	1,577.07	1,577.07
2	Closing Capital Cost	1,577.07	1,577.07	1,577.07	1,577.07	1,577.07	1,577.07
3	Average Capital Cost	1,577.07	1,577.07	1,577.07	1,577.07	1,577.07	1,577.07
4	Freehold land						
5	Rate of depreciation (%)	5.28%	5.28%	5.28%	5.28%	5.28%	5.28%
6	Depreciable value	1,419.36	1,419.36	1,419.36	1,419.36	1,419.36	1,419.36
8	Remaining depreciable value	1,359.82	1,276.55	1,193.28	1,110.01	1,026.74	943.47
9	Depreciation (for the period)	83.27	83.27	83.27	83.27	83.27	83.27
10	Depreciation (annualised)	83.27	83.27	83.27	83.27	83.27	83.27
11	Cumulative depreciation at the end of the period	83.27	226.08	309.35	392.62	475.89	559.16
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009	-	-	-	-	-	-
13	Add: Cumulative depreciation adjustment on account of liability Discharge	-	-	-	-	-	-
14	Less: Cumulative depreciation adjustment on account of de-capitalisation	-	-	-	-	-	-
12	Net Cumulative depreciation at the end of the period after adjustments	142.81	226.08	309.35	392.62	475.89	559.16
<p>* Shall be provided at true-up.</p> <p style="text-align: right;">(Petitioner)</p>							

PART-I FORM- L																
Statement of Capital cost																
Name of the Petitioner		NTPC Limited														
Name of the Generating Station		Sipat Super Thermal Power Station Stage-II														
COD		01.01.2009														
For Financial Year		2024-29														
(Rs Lakh)																
Sl. No.	Particulars	2024-25			2025-26			2026-27			2027-28			2028-29		
		Accrual Basis	Un-discharge d Liabilities	Cash Basis	Accrual Basis	Un-discharge d Liabilities	Cash Basis	Accrual Basis	Un-discharge d Liabilities	Cash Basis	Accrual Basis	Un-discharge d Liabilities	Cash Basis	Accrual Basis	Un-discharge d Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books	1,577.07	-	1577.07	SHALL BE PROVIDED AT TRUE-UP.											
	b) Amount of IDC in A(a) above	-	-	-												
	c) Amount of FC in A(a) above	-	-	-												
	d) Amount of FERV in A(a) above	-	-	-												
	e) Amount of Hedging Cost in A(a) above	-	-	-												
	f) Amount of IEDC in A(a) above	-	-	-												
B	a) Addition in Gross Block Amount during the period (Direct purchases)															
	b) Amount of IDC in B(a) above															
	c) Amount of FC in B(a) above															
	d) Amount of FERV in B(a) above															
	e) Amount of Hedging Cost in B(a) above															
	f) Amount of IEDC in B(a) above															
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)															
	b) Amount of IDC in C(a) above															
	c) Amount of FC in C(a) above															
	d) Amount of FERV in C(a) above															
	e) Amount of Hedging Cost in C(a) above															
	f) Amount of IEDC in C(a) above															
D	a) Deletion in Gross Block Amount during the period	SHALL BE PROVIDED AT TRUE-UP.														
	b) Amount of IDC in D(a) above															
	c) Amount of FC in D(a) above															
	d) Amount of FERV in D(a) above															
	e) Amount of Hedging Cost in D(a) above															
	f) Amount of IEDC in D(a) above															
E	a) Closing Gross Block Amount as per books															
	b) Amount of IDC in E(a) above															
	c) Amount of FC in E(a) above															
	d) Amount of FERV in E(a) above															
	e) Amount of Hedging Cost in E(a) above															
	f) Amount of IEDC in E(a) above															
(Petitioner)																

Calculation of Interest on Normative Loan

Name of the Company :

Name of the Power Station :

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	4	5				6
1	Gross Normative loan – Opening	1,103.95	1,103.95	1,103.95	1,103.95	1,103.95	1,103.95
2	Cumulative repayment of Normative loan up to previous year	59.54	142.81	226.08	309.35	392.62	475.89
3	Net Normative loan – Opening	1,044.40	961.13	877.87	794.60	711.33	628.06
4	Add: Increase due to addition during the year / period	-	-	-	-	-	-
5	Less: Decrease due to de-capitalisation during the year / period	-	-	-	-	-	-
6	Less: Decrease due to reversal during the year / period						
7	Add: Increase due to discharges during the year / period	-	-	-	-	-	-
8	Less: Repayment of Loan	83.27	83.27	83.27	83.27	83.27	83.27
9	Net Normative loan - Closing	961.13	877.87	794.60	711.33	628.06	544.79
10	Average Normative loan	1,002.77	919.50	836.23	752.96	669.69	586.42
11	Weighted average rate of interest	7.96	8.00	8.07	8.19	8.19	8.19
12	Interest on Loan	79.86	73.52	67.50	61.69	54.86	48.03

(Petitioner)

PART 1 FORM- O								
<u>Calculation of Interest on Working Capital</u>								
Name of the Company :			NTPC Ltd.					
Name of the Power Station :			Sipat Super Thermal Power Station Stage-II					
(Amount in Rs Lakh)								
S. No.	Particulars		Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2		4	5				6
1	Cost of Limestone/Reagent toward stock	20 days	-	-	-	-	-	-
2	Cost of Limestone/Reagent toward generation	30 days	-	-	-	-	-	-
3	Receivables	45 days	33.16	32.79	32.27	31.79	31.11	30.61
4	O & M Expenses	1 month	2.72	2.86	3.01	3.17	3.34	3.51
5	Maintenance Spares	@20%	6.53	6.87	7.23	7.61	8.01	8.43
6	Total Working Capital	Rs. Lakh	42.40	42.53	42.52	42.58	42.46	42.56
7	Rate of Interest	%	12.00%	12.15%	12.15%	12.15%	12.15%	12.15%
8	Interest on Working Capital	Rs. Lakh	5.09	5.17	5.17	5.17	5.16	5.17
Petitioner								

		PART 1 FORM-T
<u>Summary of issue involved in the petition</u>		
Name of the Company :		NTPC Ltd.
Name of the Power Station :		Sipat Super Thermal Power Station Stage-II
1	Petitioner:	NTPC Ltd.
2	Subject	Determination of Supplementary Tariff (for DeNOx System) for 2019-24 period
3	Prayer: i) Approve Supplementary Tariff of Sipat Stage-II for the tariff period from the date of capitalization of the DeNOx scheme for period 01.04.2024 to 31.03.2029. ii) Pass any other order as it may deem fit in the circumstances mentioned above.	
4	Respondents	
	Name of Respondents	
	1.MSEDCL, Maharashtra	
	2.GUVNL, Gujarat	
	3.MPPMCL, Madhya Pradesh	
	4. CSPDCL, Chhattisgarh	
	5.Elctricity Deptt, Goa	
	6.DNHDDPDCL	
5	Project Scope	
	Cost	1577.07
	Commissioning	
	Claim	1577.07
	AFC	
	Capital cost	1577.07
	Initial spare	-
	NAPAF (Gen)	85%
	Any Specific	-
(Petitioner)		

रजिस्ट्री सं० डी० एल०—(एन)04/0007/2003—20

REGISTERED NO. DL—(N)04/0007/2003—20



भारत का राजपत्र The Gazette of India

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असाधारण

EXTRAORDINARY

भाग II — खण्ड 1

PART II — Section 1

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० 62] नई दिल्ली, मंगलवार, सितम्बर 29, 2020/ आश्विन 7, 1942 (शक)
No. 62] NEW DELHI, TUESDAY, SEPTEMBER 29, 2020/ASVINA 7, 1942 (SAKA)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

MINISTRY OF LAW AND JUSTICE

(Legislative Department)

New Delhi, the 29th September, 2020/Asvina 7, 1942 (Saka)

The following Act of Parliament received the assent of the President on the 28th September, 2020 and is hereby published for general information:—

THE OCCUPATIONAL SAFETY, HEALTH AND WORKING CONDITIONS CODE, 2020

No. 37 OF 2020

[28th September, 2020.]

An Act to consolidate and amend the laws regulating the occupational safety, health and working conditions of the persons employed in an establishment and for matters connected therewith or incidental thereto.

BE it enacted by Parliament in the Seventy-first Year of the Republic of India as follows:—

CHAPTER I

PRELIMINARY

1. (1) This Act may be called the Occupational Safety, Health and Working Conditions Code, 2020.

(2) It shall come into force on such date as the Central Government may, by notification appoint; and different dates may be appointed for different provisions of this Code and any reference in any such provision to the commencement of this Code shall be construed as a reference to the coming into force of that provision.

Short title,
commencement
and
application.

(3) It shall not apply to the offices of the Central Government, offices of the State Government and any ship of war of any nationality:

Provided that the Code shall apply in case of contract labour employed through contractor in the offices of the Central Government or in the offices of the State Government, where, the Central Government or, as the case may be, the State Government is the principal employer.

Definitions.

2. (1) In this Code, unless the context otherwise requires,—

(a) "adolescent" shall have the same meaning as assigned to it in clause (i) of section 2 of the Child and Adolescent Labour (Prohibition and Regulation) Act, 1986; 61 of 1986.

(b) "adult" means a person who has completed his eighteenth year of age;

(c) "agent" when used in relation to a mine, means every person, whether appointed as such or not, who, acting or purporting to act on behalf of the owner, takes part in the management, control, supervision or direction of such mine or of any part thereof;

(d) "appropriate Government" means—

(i) in relation to, establishments [other than those specified in sub-clause (ii)] carried on by or under the authority of the Central Government or concerning any such controlled industry as may be specified in this behalf by the Central Government or the establishment of railways including metro railways, mines, oil field, major ports, air transport service or telecommunication service, banking company or any insurance company (by whatever name called) established by a Central Act or a corporation or other authority established by a Central Act or a Central public sector undertaking or subsidiary companies set up by the Central public sector undertakings or autonomous bodies owned or controlled by the Central Government, including establishment of contractors for the purposes of such establishment, corporation or other authority, Central public sector undertakings, subsidiary companies or autonomous bodies, as the case may be, the Central Government:

Provided that in the case of Central Public Sector Undertakings the appropriate Government shall continue to be the Central Government even if the holding of the Central Government reduces to less than fifty per cent. equity of the Central Government in that Public Sector Undertakings after the commencement of this Code; and

(ii) in relation to a factory, motor transport undertaking, plantation, newspaper establishment and establishment relating to beedi and cigar including the establishments not specified in clause (i), the concerned State Government where it is situated.

Explanation.—For the removal of doubts it is hereby clarified that State Government shall be the appropriate Government in respect of occupational safety, health and working conditions in a factory situated in that State;

(e) "audio-visual production" means audio-visual produced wholly or partly in India and includes—

(i) animation, cartoon depiction, audio-visual advertisement;

(ii) digital production or any of the activities in respect of making thereof; and

(iii) features films, non-feature films, television, web-based serials, talk shows, reality shows and sport shows;

(f) "audio-visual worker" means a person, who is employed, directly or through any contractor, in or in connection with the audio-visual production to work as an

artist including actor, musician, singer, anchor, news reader, dancer, dubbing artist or stunt person or to do any work, skilled, unskilled, manual, supervisory, technical, artistic or otherwise, and his remuneration with respect to such employment in or in connection with the production of audio-visual does not exceed, where remuneration is by way of monthly wages or where such remuneration is by way of lump sum, in each case, such amount as may be notified by the Central Government;

10 of 1949. (g) "banking company" means a banking company as defined in clause (c) of section 5 of the Banking Regulation Act, 1949 and includes the Export-Import Bank of India, the Industrial Reconstruction Bank of India, the Small Industries Development Bank of India established under section 3 of the Small Industries Development Bank of India Act, 1989, the Reserve Bank of India, the State Bank of India, a corresponding new bank constituted under section 3 of the Banking Companies (Acquisition and Transfer of Undertakings) Act, 1970, a corresponding new bank constituted under section 3 of the Banking Companies (Acquisition and Transfer of Undertakings) Act, 1980;

(h) "building or other construction work" means the construction, alteration, repairs, maintenance or demolition in relation to buildings, streets, roads, railways, tramways, airfields, irrigation, drainage, embankment and navigation works, flood control works (including storm water drainage works), generation, transmission and distribution of power, water works (including channels for distribution of water), oil and gas installations, electric lines, internet towers, wireless, radio, television, telephone, telegraph and overseas communications, dams, canals, reservoirs, watercourses, tunnels, bridges, viaducts, aqua-ducts, pipelines, towers, cooling towers, transmission towers and such other work as may be specified in this behalf by the Central Government, by notification, but does not include building or other construction work which is related to any factory or mine and the building or other construction work where such work is for own residential purposes of an individual or group of individuals for their own residence and the total cost of such work does not exceed rupees fifty lakhs or such higher amount and employing more than such number of workers as may be notified by the appropriate Government;

(i) "building worker" means a person who is employed to do any highly skilled, skilled, semi-skilled or unskilled, manual, technical or clerical work for hire or reward, whether the terms of such employment are express or implied, in connection with any building or other construction work, but does not include any such person who is employed mainly in a managerial or supervisory or administrative capacity;

(j) "cargo" includes anything carried or to be carried in a ship or other vessel, or vehicle;

(k) "Chief Inspector-cum-Facilitator" means a Chief Inspector-cum-Facilitator appointed under sub-section (5) of section 34;

(l) "competent person", means a person or an institution recognised as such by the Chief Inspector-cum-Facilitator for the purposes of carrying out tests, examinations and inspections required to be done in an establishment having regard to—

(i) the qualifications and experience of the person and facilities available at his disposal; or

(ii) the qualifications and experience of the persons employed in such institution and facilities available therein:

Provided that in case of mines the competent person includes such other person who is authorised by the manager referred to in section 67 to supervise or perform any work, or to supervise the operation of machinery, plant or equipment and is responsible for such duties assigned to him and also includes a shot firer or blaster;

(m) "contract labour" means a worker who shall be deemed to be employed in or in connection with the work of an establishment when he is hired in or in connection with such work by or through a contractor, with or without the knowledge of the principal employer and includes inter-State migrant worker but does not include a worker (other than part time employee) who is regularly employed by the contractor for any activity of his establishment and his employment is governed by mutually accepted standards of the conditions of employment (including engagement on permanent basis), and gets periodical increment in the pay, social security coverage and other welfare benefits in accordance with the law for the time being in force in such employment;

(n) "contractor", in relation to an establishment, means a person, who—

(i) undertakes to produce a given result for the establishment, other than a mere supply of goods or articles of manufacture to such establishment, through contract labour; or

(ii) supplies contract labour for any work of the establishment as mere human resource,

and includes a sub-contractor;

(o) "controlled industry" means any industry the control of which by the Central Government has been declared under any Central Act in the public interest;

(p) "core activity of an establishment" means any activity for which the establishment is set up and includes any activity which is essential or necessary to such activity:

Provided that the following shall not be considered as essential or necessary activity, if the establishment is not set up for such activity, namely:—

(i) sanitation works, including sweeping, cleaning, dusting and collection and disposal of all kinds of waste;

(ii) watch and ward services including security services;

(iii) canteen and catering services;

(iv) loading and unloading operations;

(v) running of hospitals, educational and training Institutions, guest houses, clubs and the like where they are in the nature of support services of an establishment;

(vi) courier services which are in nature of support services of an establishment;

(vii) civil and other constructional works, including maintenance;

(viii) gardening and maintenance of lawns and other like activities;

(ix) housekeeping and laundry services, and other like activities, where these are in nature of support services of an establishment;

(x) transport services including, ambulance services;

(xi) any activity of intermittent nature even if that constitutes a core activity of an establishment;

(q) "day" means a period of twenty-four hours beginning at mid-night;

(r) "District Magistrate", in relation to any mine, means the District Magistrate or the Deputy Commissioner, as the case may be, who is vested with the executive powers of maintaining law and order in the revenue district in which the mine is situated:

Provided that in case of a mine, which is situated partly in one district and partly in another, the District Magistrate for the purpose shall be the District Magistrate authorised in this behalf by the Central Government;

(s) "dock work" means any work in or within the vicinity of any port in connection with, or required for, or incidental to, the loading, unloading, movement or storage of cargoes into or from ship or other vessel, port, dock, storage place or landing place, and includes—

(i) work in connection with the preparation of ships or other vessels for receipt or discharge of cargoes or leaving port;

(ii) all repairing and maintenance processes connected with any hold, tank structure or lifting machinery or any other storage area on board the ship or in the docks; and

(iii) chipping, painting or cleaning of any hold, tank, structure or lifting machinery or any other storage area on board the ship or in the docks;

(t) "employee" means,—

(i) in respect of an establishment, a person (other than an apprentice engaged under the Apprentices Act, 1961) employed on wages by an establishment to do any skilled, semi-skilled, unskilled, manual, operational, supervisory, managerial, administrative, technical, clerical or any other work, whether the terms of employment be express or implied; and

(ii) a person declared to be an employee by the appropriate Government, but does not include any member of the Armed Forces of the Union:

Provided that notwithstanding anything contained in this clause, in case of a mine a person is said to be "employed" in a mine who works as the manager or who works under appointment by the owner, agent or manager of the mine or with the knowledge of the manager, whether for wages or not—

(a) in any mining operation (including the concomitant operations of handling and transport of minerals up to the point of dispatch and of gathering sand and transport thereof to the mine);

(b) in operations or services relating to the development of the mine including construction of plant therein but excluding construction of buildings, roads, wells and any building work not directly connected with any existing or future mining operations;

(c) in operating, servicing, maintaining or repairing any part of any machinery used in or about the mine;

(d) in operations, within the premises of the mine, of loading for dispatch of minerals;

(e) in any office of mine;

(f) in any welfare, health, sanitary or conservancy services required to be provided under this Code relating to mine, or watch and ward, within the premises of the mine excluding residential area; or

(g) in any kind of work, whatsoever, which is preparatory or incidental to, or connected with, mining operations;

(u) "employer" means a person who employs, whether directly or through any person, or on his behalf, or on behalf of any person, one or more employees in his establishment and where the establishment is carried on by any Department of the Central Government or the State Government, the authority specified, by the head of

52 of 1961.

such Department, in this behalf or where no authority, is so specified, the head of the Department and in relation to an establishment carried on by a local authority, the Chief Executive of that authority, and includes,—

(i) in relation to an establishment which is a factory, the occupier of the factory;

(ii) in relation to mine, the owner of the mine, agent or manager referred to in section 67;

(iii) in relation to any other establishment, the person who, or the authority which has ultimate control over the affairs of the establishment and where said affairs are entrusted to a manager or managing director, such manager or managing director;

(iv) contractor; and

(v) legal representative of a deceased employer;

(v) "establishment" means—

(i) a place where any industry, trade, business, manufacturing or occupation is carried on in which ten or more workers are employed; or

(ii) motor transport undertaking, newspaper establishment, audio-video production, building and other construction work or plantation, in which ten or more workers are employed; or

(iii) factory, for the purpose of Chapter II, in which ten or more workers are employed, notwithstanding the threshold of workers provided in clause (w); or

(iv) a mine or port or vicinity of port where dock work is carried out:

Provided that in sub-clauses (i) and (ii), the threshold of worker specified therein shall not be applicable in case of such establishment or class of establishments, in which such hazardous or life threatening activity is being carried on, as may be notified by the Central Government:

Provided further that notwithstanding any threshold provided in the definition of factory in clause (w), for the purposes of Chapter II, the establishment specified in sub-clause (i) or sub-clause (ii) or sub-clause (iii) shall be deemed to be the establishment within the meaning of this clause though the number of employees employed are ten or more;

(w) "factory" means any premises including the precincts thereof—

(i) whereon twenty or more workers are working, or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power, or is ordinarily so carried on; or

(ii) whereon forty or more workers are working, or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on without the aid of power, or is ordinarily so carried on,

but does not include a mobile unit belonging to the armed forces of the Union, railways running shed or a hotel, restaurant or eating place:

Provided that where under any law for the time being in force in a State immediately before the commencement of this Code, the number of workers specified is more or less than the number specified in clause (i) or clause (ii), then, the number specified under the law of the State shall prevail in that State till it is amended by the competent Legislature.

Explanation I.—For computing the number of workers for the purposes of this clause all the workers (in different groups and relays) in a day shall be taken into account.

Explanation II.—For the purposes of this clause, the mere fact that an Electronic Data Processing Unit or a Computer Unit is installed in any premises or part thereof, shall not be construed as factory if no manufacturing process is being carried on in such premises or part thereof;

(x) "family", when used in relation to a worker, means—

(i) spouse;

(ii) children including adopted children of the worker who are dependent upon him and have not completed the age of eighteen years; and

(iii) parents, grand-parents, widowed daughter and widowed sister dependent upon such worker.

Explanation.—For the purposes of this clause, such dependents shall not be included who are, for the time being, getting such income from such sources, as may be prescribed by the appropriate Government;

(y) "godown" means any warehouse or other place, by whatever name called, used for the storage of any article or substance required for any manufacturing process which means any process for, or incidental to, making, finishing or packing or otherwise treating any article or substance with a view to its use, sale, transport, delivery or disposal as finished products;

(z) "hazardous" means involving danger or potential danger;

(za) "hazardous process" means any process or activity in relation to an industry or plantation specified in the First Schedule where, unless special care is taken, raw materials used therein or the intermediate or finished products, bye-products, hazardous substances, wastes or effluents thereof or spraying of any pesticides, insecticides or chemicals used therein, as the case may be, would—

(i) cause material impairment to the health of the persons engaged in or connected therewith, or

(ii) result in the pollution of the general environment;

(zb) "hazardous substance" means any substance or such quantity of the substance as may be prescribed by the appropriate Government or preparation of which by reason of its chemical or physio-chemical properties or handling is liable to cause physical or health hazards to human being or may cause harm to other living creatures, plants, micro-organisms, property or the environment;

(zc) "industrial premises" means any place or premises (not being a private dwelling house), including the precincts thereof, in which or in any part of which any industry, trade, business, occupation or manufacturing is being ordinarily carried on with or without the aid of power and includes a godown attached thereto;

(zd) "industry" means any systematic activity carried on by co-operation between an employer and worker (whether such worker is employed by such employer directly or by or through any agency, including a contractor) for the production, supply or distribution of goods or services with a view to satisfy human wants or wishes (not being wants or wishes which are merely spiritual or religious in nature), whether or not,—

(i) any capital has been invested for the purpose of carrying on such activity; or

(ii) such activity is carried on with a motive to make any gain or profit, but does not include—

(a) institutions owned or managed by organisations wholly or substantially engaged in any charitable, social or philanthropic services; or

(b) any activity of the appropriate Government relatable to the sovereign functions of the appropriate Government including all the activities carried on by the Departments of the Central Government dealing with defence research, atomic energy and space; or

(c) any domestic service; or

(d) any other activity as may be notified by the Central Government;

(ze) "Inspector-cum-Facilitator" means an Inspector-cum-Facilitator appointed under sub-section (1) of section 34;

(zf) "inter-State migrant worker" means a person who is employed in an establishment and who—

(i) has been recruited directly by the employer or indirectly through contractor in one State for employment in such establishment situated in another State; or

(ii) has come on his own from one State and obtained employment in an establishment of another State (hereinafter called destination State) or has subsequently changed the establishment within the destination State,

under an agreement or other arrangement for such employment and draws wages not exceeding the amount of rupees eighteen thousand per month or such higher amount as may be notified by the Central Government from time to time;

(zg) "machinery" means any article or combination of articles assembled, arranged or connected and which is used or intended to be used for converting any form of energy to perform work, or which is used or intended to be used, whether incidental thereto or not, for developing, receiving, storing, containing, confining, transforming, transmitting, transferring or controlling any form of energy;

(zh) "major port" means a major port as defined in clause (8) of section 3 of the Indian Ports Act, 1908;

15 of 1908.

(zi) "manufacturing process" means any process for—

(i) making, altering, repairing, ornamenting, finishing, packing, oiling, washing, cleaning, breaking up, demolishing, or otherwise treating or adapting any article or substance with a view to its use, sale, transport, delivery or disposal; or

(ii) pumping oil, water, sewage or any other substance; or

(iii) generating, transforming or transmitting power; or

(iv) composing, printing, printing by letter press, lithography, offset, photogravure screen printing, three Dimensional or four Dimensional printing, prototyping, flexography or other types of printing process or book binding; or

(v) constructing, reconstructing, repairing, refitting, finishing or breaking up ships or vessels; or

(vi) preserving or storing any article in cold storage; or

(vii) such other processes as the Central Government may notify;

(zj) "medical officer" means the medical officer appointed under sub-section (1) of section 42;

60 of 2002.

(zk) "metro railway" means the metro railway as defined in sub-clause (i) of clause (1) of section 2 of the Metro Railways (Operation and Maintenance) Act, 2002;

(zl) "mine" means any excavation where any operation for the purpose of searching for or obtaining minerals has been or is being carried on and includes—

(i) all borings, bore holes, oil wells and accessory crude conditioning plants, including the pipe conveying mineral oil within the oilfields;

(ii) all shafts, in or adjacent to and belonging to a mine, whether in the course of being sunk or not;

(iii) all levels and inclined planes in the course of being driven;

(iv) all open cast workings;

(v) all conveyors or aerial ropeways provided for bringing into or removal from a mine of minerals or other articles or for the removal of refuse therefrom;

(vi) all adits, levels, planes, machinery, works, railways, tramways and sidings in or adjacent to and belonging to a mine;

(vii) all protective works being carried out in or adjacent to a mine;

(viii) all workshops and stores situated within the precincts of a mine and under the same management and used primarily for the purposes connected with that mine or a number of mines under the same management;

(ix) all power stations, transformer sub-stations, converter stations, rectifier stations and accumulator storage stations for supplying electricity solely or mainly for the purpose of working the mine or a number of mines under the same management;

(x) any premises for the time being used for depositing sand or other material for use in a mine or for depositing refuse from a mine or in which any operations in connection with such sand refuse or other material is being carried on, being premises exclusively occupied by the owner of the mine;

(xi) any premises in or adjacent to and belonging to a mine on which any process ancillary to the getting, dressing or preparation for sale of minerals or coke is being carried on;

(xii) a mine owned by the Government;

(zm) "minerals" means all substances which can be obtained from the earth by mining, digging, drilling, dredging, hydraulic mining, quarrying or by any other operation and includes mineral oils (such as natural gas and petroleum);

(zn) "motor transport undertaking" means a motor transport undertaking employing motor transport worker and engaged in carrying passengers or goods or both by road for hire or reward, and includes a private carrier;

(zo) "motor transport worker" means a person who is employed in a motor transport undertaking directly or through an agency, whether for wages or not, to work in a professional capacity on a transport vehicle or to attend the duties in connection with the arrival, departure, loading or unloading of such transport vehicle and includes a driver, conductor, cleaner, station staff, line checking staff, booking clerk, cash clerk, depot clerk, time-keeper, watchman or attendant, but does not include any such person—

(i) who is employed in a factory;

(ii) to whom the provisions of any other law for the time being in force regulating the conditions of service of persons employed in shops or commercial establishments apply;

(zp) "newspaper" means any printed periodical work containing public news or comments on public news and includes such other class of printed periodical work as may, from time to time, be notified in this behalf by the Central Government;

(zq) "newspaper establishment" means an establishment under the control of any person or body of persons, whether incorporated or not, for the production or publication of one or more newspapers or for conducting any news agency or syndicate and includes following newspaper establishments which shall be deemed to be one establishment, namely:—

(i) two or more newspaper establishments under common control;

(ii) two or more newspaper establishments owned by an individual and his or her spouse unless it is shown that such spouse is a sole proprietor or partner or a shareholder of a corporate body on the basis of his or her own individual funds;

(iii) two or more newspaper establishments publishing newspapers bearing the same or similar title and in the same language in any place in India or bearing the same or similar title but in different languages in the same State or Union territory.

Explanation 1.—For the purposes of sub-clause (i) two or more establishments shall be deemed to be under common control where—

(a) (i) the newspaper establishments are owned by a common individual or individuals;

(ii) the newspaper establishments are owned by firms, if such firms have a substantial number of common partners;

(iii) the newspaper establishments are owned by bodies corporate, if one body corporate is a subsidiary of the other body corporate, or both are subsidiaries of a common holding company or a substantial number of their equity shares are owned by the same person or group of persons, whether incorporated or not;

(iv) one establishment is owned by a body corporate and the other is owned by a firm, if a substantial number of partners of the firm together hold a substantial number of equity shares of the body corporate;

(v) one is owned by a body corporate and the other is owned by a firm having bodies corporate as its partners if a substantial number of equity shares of such bodies corporate are owned, directly or indirectly, by the same person or group of persons, whether incorporated or not, or

(b) there is functional integrality between concerned newspaper establishments.

Explanation 2.—For the purposes of this clause,—

(i) different departments, branches and centres of newspaper establishments shall be treated as parts thereof;

(ii) a printing press shall be deemed to be a newspaper establishment if the principal business thereof is to print newspaper;

(zr) "notification" means a notification published in the Gazette of India or the Official Gazette of a State, as the case may be, and the expression "notify" with its grammatical variations and cognate expressions shall be construed accordingly;

(zs) "occupier" of a factory means the person who has ultimate control over the affairs of the factory:

Provided that—

(i) in the case of a firm or other association of individuals, any one of the individual partners or members thereof;

(ii) in the case of a company, any one of the directors, except any independent director within the meaning of sub-section (6) of section 149 of the Companies Act, 2013;

(iii) in the case of a factory owned or controlled by the Central Government or any State Government, or any local authority, the person or persons appointed to manage the affairs of the factory by the Central Government, the State Government or the local authority or such other authority as may be prescribed by the Central Government,

shall be deemed to be the occupier:

Provided further that in the case of a ship which is being repaired, or on which maintenance work is being carried out, in a dry dock which is available for hire, the owner of the dock shall be deemed to be the occupier for all purposes except the matters as may be prescribed by the Central Government which are directly related to the condition of ship for which the owner of ship shall be deemed to be the occupier;

(zt) "office of the mine" means an office at the surface of the mine concerned;

(zu) "open cast working" means a quarry, that is to say, an excavation where any operation for the purpose of searching for or obtaining minerals has been or is being carried on, not being a shaft or an excavation which extends below superjacent ground;

(zv) "ordinarily employed" with reference to any establishment or part thereof, means the average number of persons employed per day in the establishment or part thereof during the preceding calendar year obtained by dividing the number of man days worked by the number of working days excluding rest days and other non-working days;

(zw) "owner", in relation to a mine, means any person who is the immediate proprietor or lessee or occupier of the mine or of any part thereof and in case of a mine the business whereof is being carried on by a liquidator or receiver, such liquidator or receiver; but does not include a person who merely receives a royalty, rent or fine from the mine, or is merely the proprietor of the mine, subject to any lease grant or licence for the working thereof, or is merely the owner of the soil and not interested in the minerals of the mine; but any contractor or sub-lessee for the working of a mine or any part thereof shall be subject to this Code in like manner as if he were an owner but not so as to exempt the former from any liability;

(zx) "plantation" means—

(a) any land used or intended to be used for—

(i) growing tea, coffee, rubber, cinchona or cardamom which admeasures five hectares or more;

(ii) growing any other plant, which admeasures five hectares or more and in which persons are employed or were employed on any day of the preceding twelve months, if, after obtaining the approval of the Central Government, the State Government, by notification, so directs.

Explanation.—Where any piece of land used for growing any plant referred to in this sub-clause admeasures less than five hectares and is

18 of 2013.

contiguous to any other piece of land not being so used, but capable of being so used, and both such pieces of land are under the management of the same employer, then, for the purposes of this sub-clause, the former piece of land shall be deemed to be a plantation, if the total area of both such pieces of land admeasures five hectares or more; and

(b) any land which the State Government may, by notification, declare and which is used or intended to be used for growing any plant referred to in sub-clause (a), notwithstanding that it admeasures less than five hectares:

Provided that no such declaration shall be made in respect of such land which admeasures less than five hectares immediately before the commencement of this Code; and

(c) offices, hospitals, dispensaries, schools and any other premises used for any purpose connected with any plantation within the meaning of sub-clause (a) and sub-clause (b); but does not include factory on the premises;

(zy) "prescribed" means prescribed by rules made by the appropriate Government under this Code;

(zz) "principal employer", where the contract labour is employed or engaged, means—

(i) in relation to any office or Department of the Government or a local authority, the head of that office or Department or such other officer as the Government or the local authority, may specify in this behalf;

(ii) in a factory, the owner or occupier of the factory and where a person has been named as the manager of the factory, the person so named;

(iii) in a mine, the owner or agent of the mine;

(iv) in relation to any other establishment, any person responsible for the supervision and control of the establishment;

(zza) "producer", in relation to audio-visual production, means the company, firm or other person by whom the arrangements necessary for producing such audio-visual (including the raising of finances and engaging audio-visual workers for producing audio-visual) are undertaken.

Explanation.—For the purposes of this clause, the expressions "company" and "firm" have the same meaning as respectively assigned to them in the Companies Act, 2013 and the Indian Partnership Act, 1932;

18 of 2013.
9 of 1932.

(zzb) "qualified medical practitioner" means a medical practitioner who possesses any recognised medical qualification as defined in clause (i) of section 2 of the Indian Medical Council Act, 1956 and who is enrolled on a Indian Medical Register as defined in clause (e) and on a State Medical Register as defined in clause (l) of the said section;

102 of 1956.

(zzc) "railway" means the railway as defined in clause (31) of section 2 of the Railways Act, 1989;

24 of 1989.

(zzd) "relay" means a set of two or more persons carrying out the same kind of work during different periods of the day and each such period is called a "shift";

(zze) "sales promotion employees" means any person by whatever name called employed or engaged in any establishment for hire or reward to do any work relating to promotion of sales or business, or both, but does not include any such person who,—

(i) being employed or engaged in a supervisory capacity, draws wages exceeding eighteen thousand rupees per mensem or an amount as may be notified by the Central Government from time to time; or

(ii) is employed or engaged mainly in a managerial or administrative capacity.

(zzf) "Schedule" means the Schedule appended to this Code;

(zzg) "serious bodily injury" means any injury which involves, or in all probability will involve, the permanent loss of any part or section of a body or the use of any part or section of a body, or the permanent loss of or injury to the sight or hearing or any permanent physical incapacity or the fracture of any bone or one or more joints or bones of any phalanges of hand or foot;

(zzh) "standards", "regulations", "rules", "bye-laws" and "orders" respectively means standards, regulations, rules, bye-laws and orders made or declared, as the case may be, under this Code;

(zzi) "telecommunication service" means the telecommunication service as defined in clause (k) of sub-section (1) of section 2 of the Telecom Regulatory Authority of India Act, 1997;

24 of 1997.

(zzj) "wages" means all remuneration whether by way of salaries, allowances or otherwise, expressed in terms of money or capable of being so expressed which would, if the terms of employment, express or implied, were fulfilled, be payable to a person employed in respect of his employment or of work done in such employment, and includes,—

(i) basic pay;

(ii) dearness allowance; and

(iii) retaining allowance, if any,

but does not include—

(a) any bonus payable under any law for the time being in force, which does not form part of the remuneration payable under the terms of employment;

(b) the value of any house-accommodation, or of the supply of light, water, medical attendance or other amenity or of any service excluded from the computation of wages by a general or special order of the appropriate Government;

(c) any contribution paid by the employer to any pension or provident fund, and the interest which may have accrued thereon;

(d) any conveyance allowance or the value of any travelling concession;

(e) any sum paid to the employed person to defray special expenses entailed on him by the nature of his employment;

(f) house rent allowance;

(g) remuneration payable under any award or settlement between the parties or order of a court or Tribunal;

(h) any overtime allowance;

(i) any commission payable to the employee;

(j) any gratuity payable on the termination of employment;

(k) any retrenchment compensation or other retirement benefit payable to the employee or any *ex gratia* payment made to him on the termination of employment:

Provided that, for calculating the wages under this clause, if payments made by the employer to the employee under sub-clauses (a) to (i) exceeds

one-half, or such other per cent. as may be notified by the Central Government, of the all remuneration calculated under this clause, the amount which exceeds such one-half, or the per cent. so notified, shall be deemed as remuneration and shall be accordingly added in wages under this clause:

Provided further that for the purpose of equal wages to all genders and for the purpose of payment of wages, the emoluments specified in sub-clauses (d), (f), (g) and (h) shall be taken for computation of wages.

Explanation.—Where an employee is given in lieu of the whole or part of the wages payable to him, any remuneration in kind by his employer, the value of such remuneration in kind which does not exceed fifteen per cent. of the total wages payable to him, shall be deemed to form part of the wages of such employee;

(zzk) "week" means a period of seven days beginning at midnight on Saturday night or such other night as may be approved in writing for a particular area by the Chief Inspector-cum-Facilitator;

(zzl) "worker" means any person employed in any establishment to do any manual, unskilled, skilled, technical, operational, clerical or supervisory work for hire or reward, whether the terms of employment be express or implied, and includes working journalists and sales promotion employees, but does not include any such person—

(i) who is subject to the Air Force Act, 1950, or the Army Act, 1950, or the Navy Act, 1957; or

45 of 1950.
46 of 1950.
62 of 1957.

(ii) who is employed in the police service or as an officer or other employee of a prison; or

(iii) who is employed mainly in a managerial or administrative capacity; or

(iv) who is employed in a supervisory capacity drawing wage exceeding eighteen thousand rupees per month or an amount as may be notified by the Central Government from time to time;

(zzm) "Working Journalist" means a person whose principal avocation is that of a journalist and who is employed as such, either whole-time or part-time, in, or in relation to, one or more newspaper establishment, or other establishment relating to any electronic media or digital media such as newspaper or radio or other likemedia and includes an editor, a leader-writer, news editor, sub-editor, feature-writer, copy-tester, reporter, correspondent, cartoonist, news-photographer and proof-reader, but does not include any such person who is employed mainly in a managerial, supervisory or administrative capacity;

(2) For the purposes of this Code, a person working or employed in or in connection with mine is said to be working or employed—

(a) "below ground" if he is working or employed—

(i) in a shaft which has been or is in the course being sunk; or

(ii) in any excavation which extends below superjacent ground; and

(b) "above ground" if he is working in an opencast working or in any other manner not specified in clause (a).

CHAPTER II

REGISTRATION

3. (1) Every employer of any establishment,—

(a) which comes into existence after the commencement of this Code; and

(b) to which this Code shall apply,

shall, within sixty days from the date of such applicability of this Code, make an application electronically to the registering officer appointed by the appropriate Government (hereinafter referred to as the registering officer) for the registration of such establishment:

Provided that the registering officer may entertain any such application for registration after the expiry of such period on payment of such late fees as may be prescribed by the appropriate Government.

(2) Every application under sub-section (1) shall be submitted to the registering officer in such manner, in such form, containing such particulars including the information relating to the employment of inter-State migrant workers and shall be accompanied by such fees as may be prescribed by the appropriate Government.

(3) After the receipt of an application under sub-section (1), the registering officer shall register the establishment and issue a certificate of registration electronically to the employer thereof in such form and within such time and subject to such conditions as may be prescribed by the Central Government:

Provided that if the registering officer fails to register an establishment under the application so made or to entertain the application within the prescribed period, then, such establishment shall be deemed to have been registered under this Code immediately on the expiration of such period and the electronic certificate of registration shall be auto generated and the responsibility of such failure shall be on the registering officer.

(4) Any change in the ownership or management or in any particulars referred to in sub-section (2) which occurs after the registration of an establishment under this Code, shall be intimated by the employer electronically to the registering officer within thirty days of such change in such form as may be prescribed by the Central Government and thereafter the registering officer shall make amendment in the certificate of registration electronically in such manner as may be prescribed by the Central Government.

(5) The employer of an establishment shall, within thirty days of the closing of the establishment—

(a) inform the closing of such establishment; and

(b) certify payment of all dues to the workers employed in such establishment,

to the registering officer in such manner as may be prescribed by the Central Government and the registering officer shall, on receiving such information and certificate remove such establishment from the register of establishments maintained by him and cancel the registration certificate of the establishment within sixty days from the receipt of such information :

Provided that if the registering officer fails to cancel the registration certification of the establishment under this sub-section within such sixty days, then, the registration certificate of such establishment shall be deemed to have been cancelled under this Code immediately on the expiration of such period of sixty days and the cancellation of registration certificate shall be auto generated and the responsibility of such failure shall be on the registering officer.

(6) If an employer of an establishment—

(a) has obtained the registration of his establishment by misrepresentation or suppression of any material fact, or

Registration
of certain
establishments.

(b) has obtained the registration of his establishment so fraudulently or otherwise that the registration has become useless or ineffective to run the establishment,

then, in case of clause (a) such misrepresentation or suppression of any material fact shall be deemed to be the contravention of the provisions of this Code for prosecution of the employer under section 94 without affecting the registration and running of the establishment and in case of clause (b) the registering officer may, after giving an opportunity to the employer of the establishment to be heard, revoke the registration by an order and such process for revocation shall be completed by the registering officer within sixty days from coming into his notice the facts specified in clause (b).

(7) No employer of an establishment who—

(a) has not registered the establishment under this section; or

(b) has not preferred appeal under section 4 against the cancellation of the registration certificate of the establishment under sub-section (5) or revocation of the registration of the establishment under sub-section (6) or the appeal so preferred has been dismissed,

shall employ any employee in the establishment.

(8) Notwithstanding anything contained in this Code, where any establishment, to which this Code applies, has already been registered under any—

(a) Central Labour law; or

(b) any other law which may be notified by the Central Government and which applies to the establishment which is in existence at the time of the commencement of this Code,

shall be deemed to have been registered under the provisions of this Code, subject to the condition that the registration holder provides the details of registration to the concerned registering officer within such time and in such form as may be prescribed.

Appeal.

4. (1) Any person aggrieved by an order made under section 3 may, within thirty days from the date on which the order is communicated to him, prefer an appeal to an appellate officer who shall be a person notified in this behalf by the appropriate Government:

Provided that the appellate officer may entertain the appeal after the expiry of the said period of thirty days, if he is satisfied that the appellant was prevented by sufficient cause from filing the appeal in time.

(2) On receipt of an appeal under sub-section (1), the appellate officer shall, after giving the appellant an opportunity of being heard, dispose of the appeal within a period of thirty days from the date of receipt of such appeal.

Notice by employer of commencement and cessation of operation.

5. (1) No employer of an establishment being factory or mine or relating to contract labour or building or other construction work shall use such establishment to commence the operation of any industry, trade, business, manufacturing or occupation thereon without sending notice of such purpose in such form and manner and to such authority and within such time as may be prescribed and shall also intimate the cessation thereof to the said authority in such manner as may be prescribed by the appropriate Government.

(2) The notice or intimation under sub-section (1) shall be given electronically.

CHAPTER III

DUTIES OF EMPLOYER AND EMPLOYEES, ETC.

Duties of employer.

6. (1) Every employer shall,—

(a) ensure that workplace is free from hazards which cause or are likely to cause injury or occupational disease to the employees;

(b) comply with the occupational safety and health standards declared under section 18 or the rules, regulations, bye-laws or orders made under this Code;

(c) provide such annual health examination or test free of costs to such employees of such age or such class of employees of establishments or such class of establishments, as may be prescribed by the appropriate Government;

(d) provide and maintain, as far as is reasonably practicable, a working environment that is safe and without risk to the health of the employees;

(e) ensure the disposal of hazardous and toxic waste including disposal of e-waste;

(f) issue a letter of appointment to every employee on his appointment in the establishment, with such information and in such form as may be prescribed by the appropriate Government and where an employee has not been issued such appointment letter on or before the commencement of this Code, he shall, within three months of such commencement, be issued such appointment letter;

(g) ensure that no charge is levied on any employee, in respect of anything done or provided for maintenance of safety and health at workplace including conduct of medical examination and investigation for the purpose of detecting occupational diseases;

(h) relating to factory, mine, dock work, building or other construction work or plantation, ensure and be responsible for the safety and health of employees, workers and other persons who are on the work premises of the employer, with or without his knowledge, as the case may be.

(2) Without prejudice to the generality of the provisions of sub-section (1), the duties of an employer shall particularly in respect of factory, mines, dock, building or other construction work or plantation include—

(a) the provision and maintenance of plant and systems of work in the workplace that are safe and without risk to health;

(b) the arrangements in the workplace for ensuring safety and absence of risk to health in connection with the use, handling, storage and transport of articles and substances;

(c) the provision of such information, instruction, training and supervision as are necessary to ensure the health and safety of all employees at work;

(d) the maintenance of all places of work in the workplace in a condition that is safe and without risk to health and the provision and maintenance of such means of access to, and egress from, such places as are safe and without such risk;

(e) the provision, maintenance or monitoring of such working environment in the workplace for the employees that is safe, without risk to health as regards facilities and arrangements for their welfare at work.

7. (1) The owner and agent of every mine shall jointly and severally be responsible for making financial and other provisions and for taking such other steps as may be necessary for compliance with the provisions of this Code and the rules, regulations, bye-laws and orders made thereunder, relating to mine.

Duties and responsibilities of owner, agent and manager in relation to mine.

(2) In the event of any contravention by any person whosoever of any of the provisions of this Code or of the rules, regulations, bye-laws or orders made thereunder, relating to mine, except those which specifically require any person to do any act or thing or prohibit any person from doing an act or thing, besides the person who contravenes, then, each of the following persons shall also be deemed to be guilty of such contravention unless he

proves that he had used due diligence to secure compliance with the provisions and had taken reasonable means to prevent such contravention, namely:—

- (a) the official or officials appointed to perform duties of supervision in respect of the provisions contravened;
- (b) the manager of the mine;
- (c) the owner and agent of the mine;
- (d) the person appointed, if any, to carry out the responsibility under section 24.

(3) It shall not be a defence in any proceedings brought against the owner or agent of a mine under this section that the manager and other officials have been appointed in accordance with the provisions of this Code or that a person to carry the responsibility under section 24 has been appointed.

Duties of
designers,
manufacturers,
importers or
suppliers.

8. (1) Every person who designs, manufactures, imports or supplies any article for use in any establishment shall—

(a) ensure so far as is reasonably practicable, that the article is so designed and constructed in the establishment as to be safe and without risk to the health of the workers when properly used;

(b) carry out or arrange for the carrying out of such tests and examination in the establishment as may be considered necessary for the effective implementation of the provisions of clause (a);

(c) take steps as may be necessary to ensure that adequate information will be available—

(i) in connection with the use of the article in any establishment;

(ii) about the use for which such article is designed and tested; and

(iii) about any conditions necessary to ensure that the article, when put to such use, shall be safe, and without risk to the health of the workers:

Provided that where an article is designed or manufactured outside India, then it shall be obligatory on the part of the importer to see—

(A) that the article conforms to the same standards of such article manufactured in India; or

(B) if the standards adopted in the country outside India for the manufacture of such article is above the standards adopted in India, that the article conforms to such standards in such country;

(C) if there is no standard of such article in India, then, the article conforms to the standard adopted in the country from where it is imported at its national level.

(2) The designer, manufacturer, importer or supplier shall also comply with such duties as the Central Government may, in consultation with the National Occupational Safety and Health Advisory Board referred to in sub-section (1) of section 16, by regulations specify.

(3) Every person, who undertakes to design or manufacture any article and substance for use in any factory, may carry out or arrange for the carrying out of necessary research with a view to the discovery and, so far as is reasonably, practicable, the elimination or minimisation of any risks to the health or safety of the workers to which the design or manufacture of article and substance may give rise to such risk.

(4) Nothing contained in sub-sections (1) and (2) shall be construed to require a person to repeat the testing, examination or research which has been carried out otherwise than by him or at his instance in so far as it is reasonable for him to rely on the results thereof for the purposes of the said sub-sections.

(5) Any duty imposed on any person by sub-sections (1) and (2) shall extend only to things done in the course of business carried on by him and to matters within his control.

(6) Every person,—

(a) who erects or installs any article for use in a factory, shall ensure, so far as practicable, that such article so erected or installed does not make it unsafe or a risk to health when that article is used by the persons in such factory;

(b) who manufactures, imports or supplies any substance for use in any factory shall—

(i) ensure, so far as practicable, that such substance when used in the factory does not make it unsafe or a risk to health of persons working in such factory;

(ii) carry out or arrange for carrying out of such tests and examination in relation to such substance as may be necessary;

(iii) take such steps as are necessary to secure that the information about the results of tests carried out in connection with the use of the substance as referred to in sub-clause (ii) is available in a factory along with conditions necessary to ensure its safe use and no risks to health;

(c) who undertakes the manufacture of any substance for use in any factory shall carry out or arrange for carrying out of any necessary research with a view to discover and, so far as practicable, to ensure the elimination or minimisation of any risks to health or safety to which the substance may give rise out of such manufacture or research;

(7) For the purposes of this section, an article and substance is not to be regarded as properly used, if they are used without regard to any information or advice relating to their use which has been made available by the person who has designed, manufactured, imported or supplied the article and substance.

Explanation.—For the purpose of this section—

(a) "article" shall include plant and machinery;

(b) "substance" means any natural or artificial substance whether in a solid or liquid form or in the form of a gas or vapour; and

(c) "substance for use in any factory" means such substance, whether or not intended for use by persons working in a factory.

9. (1) It shall be the duty of the architect, project engineer or designer responsible for any building or other construction work or the design of any project or part thereof relating to such building or other construction work to ensure that, at the planning stage, due consideration is given to the safety and health aspects of the building workers and employees who are employed in the erection, operation and execution of such projects and structures as the case may be.

Duties of architect, project engineer and designer.

(2) Adequate care shall be taken by the architect, project engineer and other professionals involved in the project referred to in sub-section (1), not to include anything in the design which would involve the use of dangerous structures or other processes or materials, hazardous to health or safety of building workers and employees during the course of erection, operation and execution as the case may be.

(3) It shall also be the duty of the professionals, involved in designing the buildings structures or other construction projects, to take into account the safety aspects associated with the maintenance and upkeep of the structures and buildings where maintenance and upkeep may involve such hazards as may be notified by the appropriate Government.

Notice of
certain
accident.

10. (1) Where at any place in an establishment, an accident occurs which causes death, or which causes any bodily injury by reason of which the person injured is prevented from working for a period of forty-eight hours or more immediately following the accident or which is of such nature as may be prescribed by the appropriate Government, then,—

(a) employer or owner or agent or manager referred to in section 67 of such establishment if it is mine; or

(b) employer or manager in relation to such establishment if it is factory or relates to dock work; or

(c) the employer of a plantation or an establishment relating to building or other construction or any other establishment,

shall send notice thereof to such authorities, in such manner and within such time, as may be prescribed by the appropriate Government.

(2) Where a notice given under sub-section (1) relates to an accident causing death in a plantation or an establishment relating to building or other construction work or any other establishment, the authority to whom the notice is sent shall make an inquiry into the occurrence within two months of the receipt of the notice or if there is no such authority, the Chief Inspector-cum-Facilitator shall cause the Inspector-cum-Facilitator to make an inquiry within the said period.

Notice of
certain
dangerous
occurrences.

11. Where in an establishment there is any dangerous occurrence of such nature, (whether causing any bodily injury or disability, or not) the employer shall send notice thereof to such authorities, and in such form and within such time, as may be prescribed by the appropriate Government.

Notice of
certain
diseases.

12. (1) Where any worker in an establishment contracts any disease specified in the Third Schedule, the employer of the establishment shall send notice thereof to such authorities, and in such form and within such time, as may be prescribed by the appropriate Government.

(2) If any qualified medical practitioner attends on a person, who is or has been employed in an establishment, and who is, or is believed by the qualified medical practitioner, to be suffering from any disease specified in the Third Schedule, the medical practitioner shall without delay send a report in writing to the office of the Chief Inspector-cum-Facilitator in such form and manner and within such time as may be prescribed by the appropriate Government.

(3) If any qualified medical practitioner fails to comply with the provisions of sub-section (2), he shall be punishable with penalty which may extend to ten thousand rupees.

Duties of
employee.

13. Every employee at workplace shall,—

(a) take reasonable care for the health and safety of himself and of other persons who may be affected by his acts or omissions at the workplace;

(b) comply with the safety and health requirements specified in the standards;

(c) co-operate with the employer in meeting the statutory obligations of the employer under this Code;

(d) if any situation which is unsafe or unhealthy comes to his attention, as soon as practicable, report such situation to his employer or to the health and safety representative and in case of mine, agent or manager referred to in section 67, safety officers or an official for his workplace or section thereof, as the case may be, who

shall report it to the employer in the manner as may be prescribed by the appropriate Government;

(e) not wilfully interfere with or misuse or neglect any appliance, convenience or other thing provided at workplace for the purpose of securing the health, safety and welfare of workers;

(f) not do, wilfully and without reasonable cause, anything, likely to endanger himself or others; and

(g) perform such other duties as may be prescribed by the appropriate Government.

14. (1) Every employee in an establishment shall have the right to obtain from the employer information relating to employee's health and safety at work and represent to the employer directly or through a member of the Safety Committee as constituted under section 22, if constituted by the employer for such purpose, regarding inadequate provision for protection of his safety or health in connection with the work activity in the workplace, and if not satisfied, to the Inspector-cum-Facilitator.

Rights of employee.

(2) Where the employee referred to in sub-section (1) in any workplace has reasonable apprehension that there is a likelihood of imminent serious personal injury or death or imminent danger to health, he may bring the same to the notice of his employer directly or through a member of the Safety Committee referred to in sub-section (1) and simultaneously bring the same to the notice of the Inspector-cum-Facilitator.

(3) The employer or any employee referred to in sub-section (1) shall take immediate remedial action if he is satisfied about the existence of such imminent danger and send a report forthwith of the action taken to the Inspector-cum-Facilitator in such manner as may be prescribed by the appropriate Government.

(4) If the employer referred to in sub-section (3) is not satisfied about the existence of any imminent danger as apprehended by his employees, he shall, nevertheless, refer the matter forthwith to the Inspector-cum-Facilitator whose decision on the question of the existence of such imminent danger shall be final.

15. No person shall intentionally or recklessly interfere with, damage or misuse anything which is provided in the interest of health, safety or welfare under this Code.

Duty not to interfere with or misuse things.

CHAPTER IV

OCCUPATIONAL SAFETY AND HEALTH

16. (1) The Central Government shall, by notification, constitute the National Occupational Safety and Health Advisory Board (hereinafter in this Code referred to as the National Board) to discharge the functions conferred on it by or under this Code and to advise the Central Government on the matters relating to—

National Occupational Safety and Health Advisory Board.

(a) standards, rules and regulations to be declared or framed under this Code;

(b) implementation of the provisions of this Code and the standards, rules and regulations relating thereto;

(c) the issues of policy and programme relating to occupational safety and health referred to it, from time to time, by the Central Government; and

(d) any other matter in respect of this Code referred to it, from time to time, by the Central Government.

(2) The National Board shall consist of—

(a) Secretary, Ministry of Labour and Employment—Chairperson *ex officio*;

- (b) Director General, Factory Advice Service and Labour Institutes, Mumbai—Member *ex officio*;
- (c) Director General, Mines Safety, Dhanbad—Member *ex officio*;
- (d) Chief Controller of Explosives, Nagpur—Member *ex officio*;
- (e) Chairman, Central Pollution Control Board, New Delhi—Member *ex officio*;
- (f) Chief Labour Commissioner (Central), New Delhi—Member *ex officio*;
- (g) Principal Secretaries dealing with labour matters of four States (by rotation as the Central Government may deem fit)—Member *ex officio*;
- (h) Director General, Employee's State Insurance Corporation, New Delhi—Member *ex officio*;
- (i) Director General, Health Services, New Delhi—Member *ex officio*;
- (j) five representatives of employers—Member *ex officio*;
- (k) five representatives of employees—Member *ex-officio*;
- (l) a representative of professional body associated with the matter for which standards, rules, policies being framed—Member;
- (m) five eminent persons connected with the field of Occupational Safety and Health, or representatives from reputed research institutions or similar other discipline—Member;
- (n) special invitees from the State Government or the Government of Union territory for seeking inputs in specific matters or industry or sector which is predominant in that State or Union territory—Member;
- (o) Joint Secretary, Ministry of Labour and Employment—Member Secretary *ex officio*.

(3) The terms of office of the Members referred to in clauses (g), (j), (k), (l) and (m) of sub-section (2) shall be of three years and the procedure for their nomination, and discharge of their functions shall be such as may be prescribed by the Central Government.

(4) The Central Government may, in consultation with the National Board, determine the number, nature and categories of other officers and employees required to assist the National Board in the efficient discharge of its functions and terms and conditions of service of such officers and employees of the National Board shall be such as may be prescribed by the Central Government.

(5) The Central Government may constitute as many technical committees or advisory committees consisting of such number of members having such qualifications as may be prescribed by the Central Government, to assist the National Board in discharge of its function specified in sub-section (1).

(6) The National Board shall consult the State Governments whose Principal Secretaries are the Members of the National Board as required under clause (g) of sub-section (2) of section 16 and in case of specific issues relating to plantation, factories and like other issues, the State Government concerned may be invited by the National Board as special invitee for obtaining their inputs on such issues.

17. (1) The State Government shall constitute a Board to be called the State Occupational Safety and Health Advisory Board (hereinafter referred to as "State Advisory Board") to advise the State Government on such matters arising out of the administration of this Code as may be referred to it by the State Government.

(2) The constitution, procedure and other matters relating to State Advisory Board shall be such as may be prescribed by the State Government.

State
Occupational
Safety and
Health
Advisory
Board.

(3) The State Government may constitute as many technical committees or advisory committees of the State Advisory Board including site appraisal committees, consisting of such number of members and having such qualifications as may be prescribed, to assist the State Government or State Advisory Board in discharge of their functions relating to the area falling within their respective jurisdictions.

18. (1) The Central Government shall declare, by notification, standards on occupational safety and health for workplaces relating to factory, mine, dock work, *beedi* and cigar, building and other construction work and other establishments.

Occupational
safety and
health
standards.

(2) In particular and without prejudice to the generality of the power to declare standards to be followed under sub-section (1), such standards shall relate to—

(a) physical, chemical, biological and any other hazards to be dealt with for the working life of employee to ensure to the extent feasible on the basis of the best available evidence or functional capacity, that no employee will suffer material impairment of health or functional capacity even if such employee has regular exposure to such hazards;

(b) the norms—

(i) appraising the hazards to employees and users to whom such hazards are exposed;

(ii) relating to relevant symptoms and appropriate energy treatment and proper conditions and precautions of safe use or exposure;

(iii) for monitoring and measuring exposure of employees to hazards;

(iv) for medical examination and other tests which shall be made available, by the employer or at his cost, to the employees exposed to hazards; and

(v) for hazard evaluation procedures like safety audit, hazard and operability study, fault free analysis, event free analysis and such other requirements;

(c) medical examination including criteria for detection and reporting of occupational diseases to be extended to the employees even after he ceases to be in employment, if he is suffering from an occupational disease which arises out of or in the course of employment;

(d) such aspects of occupational safety and health relating to workplaces which the Central Government considers necessary on the report of the authority designated by such Government for such purpose;

(e) such safety and health measures as may be required having regard to the specific conditions prevailing at the workplaces relating to mine, factory, building and other construction work, *beedi* and cigar, dock work or any other establishments notified; and

(f) matters specified in the Second Schedule to this Code.

(3) Notwithstanding anything contained in section 131, the Central Government may, on the basis of the recommendation of the National Board and after notifying its intention so to do for not less than forty-five days', by notification, amend the Second Schedule.

(4) The State Government may, with the prior approval of the Central Government, by notification amend the standards made under sub-section (1) and sub-section (2) for the establishment for which it is the appropriate Government situated in the State.

Research
related
activities.

19. It shall be the duty of such institutions in the field of occupational safety and health as the Central or State Government may notify to conduct research, experiments and demonstrations relating to occupational safety and health and thereafter submit their recommendations to the Central Government or the State Government, as the case may be:

Provided that the State Government shall consult National Board before notifying conduct of research, experiments and demonstration relating to occupational safety and health.

Safety and
occupational
health surveys.

20. (1) At any time during the normal working hours of an establishment or at any other time as he may deem necessary,—

(a) the Chief Inspector-cum-Facilitator in the case of factory or mine; or

(b) the Director General of Factory Advice Service and Labour Institute in the case of factory; or

(c) the Director General of Mines Safety in the case of mine; or

(d) the Director General of Health Services in the case of factory or mine; or

(e) such other officer as may be authorised by the appropriate Government in the case of any other establishment or class of establishments,

after giving notice in writing to the employer, conduct survey of the factory or mine or such other establishment or class of establishments and such employer shall afford all facilities for such survey, including facilities for the examination and testing of plant and machinery and collection of samples and other data relevant to the survey.

Explanation.—For the purposes of this sub-section, the expression "employer" includes manager for the factory or in the case of any other establishment or class of establishments such person who is for the time being responsible for the safety and the occupational health of such other establishment or class of establishments, as the case may be.

(2) For the purpose of facilitating surveys under sub-section (1) every worker shall, if so required by the person conducting the survey, present himself to undergo such medical examination as may be considered necessary by such person and furnish all information in his possession which is relevant to the survey.

(3) Any time spent by a worker for undergoing medical examination or furnishing information under sub-section (2) shall, for the purpose of calculating wages and extra wages for overtime work, be deemed to be working hour for him.

Explanation.—For the purposes of this section, the report submitted to the appropriate Government by the person conducting the survey under sub-section (1) shall be deemed to be a report submitted by an Inspector-cum-Facilitator under this Code.

Collection of
statistics and
portal for
inter-State
migrant
workers.

21. (1) For the purposes of this Code, the Central Government and the State Government shall collect, compile and analyse occupational safety and health statistics in such form and manner as may be prescribed.

(2) The Central Government and the State Governments shall maintain the database or record, for inter-State migrant workers, electronically or otherwise in such portal and in such form and manner as may be prescribed by the Central Government:

Provided that an inter-State migrant worker may register himself as an inter-State migrant worker on such portal on the basis of self-declaration and Aadhaar:

Provided further that the workers who have migrated from one State to any other State and are self-employed in that other State may also register themselves on that portal.

Explanation.—For the purposes of this sub-section, the expression "Aadhaar" shall have the same meaning as assigned to it in clause (a) of section 2 of the Aadhaar (Targeted Delivery of Financial and Other Subsidies, Benefits and Services) Act, 2016.

22. (1) The appropriate Government may, by general or special order, require any establishment or class of establishments to constitute in the prescribed manner a Safety Committee consisting of representatives of employers and workers engaged in such establishment in such manner that the number of representatives of workers on the Committee shall not be less than the number of representatives of the employer and the representatives of the workers shall be chosen in such manner and for such purpose as may be prescribed by the appropriate Government.

Safety Committee and safety officers.

(2) In every establishment which is a—

- (a) factory wherein five hundred workers or more; or
- (b) factory carrying on hazardous process wherein two hundred fifty workers or more; or
- (c) building or other construction work wherein two hundred fifty workers or more; or
- (d) mine wherein one hundred workers or more, are ordinarily employed,

the employer shall also appoint such number of safety officers, who shall possess such qualifications and perform such duties, as may be prescribed by appropriate Government.

CHAPTER V

HEALTH, SAFETY AND WORKING CONDITIONS

23. (1) The employer shall be responsible to maintain in his establishment such health, safety and working conditions for the employees as may be prescribed by the Central Government.

Responsibility of employer for maintaining health, safety and working conditions.

(2) Without prejudice to the generality of the power conferred under sub-section (1), the Central Government may prescribe for providing all or any of the following matters in the establishment or class of establishments, namely:—

- (i) cleanliness and hygiene;
- (ii) ventilation, temperature and humidity;
- (iii) environment free from dust, noxious gas, fumes and other impurities;
- (iv) adequate standard of humidification, artificially increasing the humidity of the air, ventilation and cooling of the air in work rooms;
- (v) potable drinking water;
- (vi) adequate standards to prevent overcrowding and to provide sufficient space to employees or other persons, as the case may be, employed therein;
- (vii) adequate lighting;
- (viii) sufficient arrangement for latrine and urinal accommodation to male, female and transgender employee separately and maintaining hygiene therein;
- (ix) effective arrangements for treatment of wastes and effluents; and
- (x) any other arrangement which the Central Government considers appropriate.

CHAPTER VI

WELFARE PROVISIONS

24. (1) The employer shall be responsible to provide and maintain in his establishment such welfare facilities for the employees as may be prescribed by the Central Government, including,—

Welfare facilities in the establishment, etc.

(i) adequate and suitable facilities for washing to male and female employees separately;

(ii) bathing places and locker rooms for male, female and transgender employees separately;

(iii) place of keeping clothing not worn during working hours and for the drying of wet clothing;

(iv) sitting arrangements for all employees obliged to work in a standing position;

(v) facilities of canteen in an establishment for employees thereof, wherein one hundred or more workers including contract labourers are ordinarily employed;

(vi) in case of mines, medical examination of the employees employed or to be employed in the mines, before their employment and at specific intervals;

(vii) adequate first-aid boxes or cupboards with contents readily accessible during all working hours; and

(viii) any other welfare measures which the Central Government considers, under the set of circumstances, as required for decent standard of life of the employees.

(2) Without prejudice to the generality of the powers referred to under sub-section (1), the Central Government may also prescribe for the following matters, namely:—

(i) ambulance room in every factory, mine, building or other construction work wherein more than five hundred workers are ordinarily employed;

(ii) medical facilities at the operating centres and halting stations, uniforms, raincoats and other like amenities for protection from rain or cold for motor transport workers;

(iii) adequate, suitable and separate shelters or rest-rooms for male, female and transgender employees and lunch-room in every factory and mine wherein more than fifty workers are ordinarily employed and in motor transport undertaking wherein employee is required to halt at night;

(iv) the appointment of welfare officer in every factory, mine or plantation wherein two hundred and fifty or more workers are ordinarily employed and the qualification, conditions of service and duties of such welfare officer;

(v) for providing by the employer temporary living accommodation, free of charges and within the work site or as near to it as may be possible, to all building workers employed by him and for causing removal or demolition of such temporary living accommodation and for returning by the employer the possession of any land obtained by him for such purpose from Municipal Board or any other local authority;

(vi) for payment by the principal employer the expenses incurred on providing the accommodation to the contractor, where the building or other construction work is done through the contractor;

(vii) any other matter which may be prescribed.

(3) The Central Government may make rules to provide for the facility of creche having suitable room or rooms for the use of children under the age of six years of the employees at suitable location and distance either separately or along with common facilities in establishments wherein more than fifty workers are ordinarily employed:

Provided that an establishment can avail common crèche facility of the Central Government, State Government, municipality or private entity or provided by non-Governmental organisation or by any other organisation or group of establishments may pool their resources for setting up of common crèche in the manner as they may agree for such purpose.

CHAPTER VII

HOURS OF WORK AND ANNUAL LEAVE WITH WAGES

25. (1) No worker shall be required or allowed to work, in any establishment or class of establishment for more than—

Daily and weekly working hours, leave, etc.

(a) eight hours in a day; and

(b) the period of work in each day under clause (a) shall be so fixed, as not to exceed such hours, with such intervals and spread overs, as may be notified by the appropriate Government:

Provided that subject to clause (a) in the case of mines,—

(i) the persons employed below ground in a mine shall not be allowed to work for more than such hours as may be notified by the Central Government in any day;

(ii) no work shall be carried on below ground in any mine except by a system of shifts so arranged that the period of work for each shift is not spread over more than the daily maximum hours as notified under clause (i);

(iii) no person employed in a mine shall be allowed to be present in any part of a mine below ground except during the periods of work shown in respect of him in the register maintained under clause (a) of section 33:

Provided further that subject to clause (a) that the hours of work in case of motor transport worker shall include—

(i) the time spent in work done during the running time of the transport vehicle;

(ii) the time spent in subsidiary work; and

(iii) period of mere attendance at terminals of less than fifteen minutes.

Explanation.—For the purposes of this sub-section—

(a) "running time" in relation to a working day means the time from the moment a transport vehicle starts functioning at the beginning of the working day until the moment when the transport vehicle ceases to function at the end of the working day, excluding any time during which the running of the transport vehicle is interrupted for a period exceeding such duration as may be prescribed by the Central Government during which period the persons who drive, or perform any other work in connection with the transport vehicle are free to dispose of their time as they please or are engaged in subsidiary work;

(b) "subsidiary work" means the work in connection with a transport vehicle, its passengers or its load which is done outside the running time of the transport vehicle, including in particular—

(i) the work in connection with accounts, paying of cash, signing of registers, handover of service sheets, the checking of tickets and other similar work;

(ii) taking over and garaging of the transport vehicles;

(iii) travelling from the place where a person signs on to the place where he takes over the transport vehicle and from the place where he leaves the transport vehicle to the place where he signs off;

(iv) work in connection with the upkeep and repair of the transport vehicle; and

(v) the loading and unloading of the transport vehicle;

(c) "period of mere attendance" means the period during which a person remains at his post solely in order to reply to possible calls or to resume action at the time fixed in the duty schedule.

(2) Notwithstanding anything contained in sub-section (1), the hours of work for working journalist shall, subject to a maximum of one hundred and forty-four hours of work during any period of four consecutive weeks and a period of not less than twenty-four consecutive hours of rest during any period of seven consecutive days, be such as may be prescribed by the Central Government.

(3) Notwithstanding anything contained in sub-sections (1) and (2), a sales promotion employee or the working journalist,—

(i) in addition to such holidays, casual leave or other kinds of leave as may be prescribed by the Central Government, shall be granted, if requested for—

(a) earned leave on full wages for not less than one-eleventh of the period spent on duty;

(b) leave on medical certificate on one-half of the wages for not less than one-eighteenth of the period of service;

(ii) may accumulate earned leave up to such maximum limit as may be prescribed by the Central Government;

(iii) shall be entitled for the limit up to which the earned leave may be either encashed or availed of at a time by him and the reasons for which such limit may be exceeded shall be such as may be prescribed by the Central Government;

(iv) shall,—

(a) when he voluntarily relinquishes his post or retires from service; or

(b) when his services are terminated for any reason whatsoever (not being termination as punishment),

be entitled to cash compensation, subject to such conditions and restrictions as may be prescribed by the Central Government (including conditions by way of specifying the maximum period for which such cash compensation shall be payable), in respect of the earned leave earned by him and not availed of;

(v) who dies while in service, his heirs shall be entitled to cash compensation for the earned leave earned by him and not availed of his heirs shall be paid the cash compensation in respect of any period of earned leave for which he or his heirs, is or are entitled to cash compensation under clause (iv) or clause (v), which shall be an amount equal to the wages due to him for such period.

(4) Notwithstanding anything contained in this section, the working hours of an adolescent worker shall be regulated in accordance with the provisions of the Child and Adolescent Labour (Prohibition and Regulation) Act, 1986.

61 of 1986.

Weekly and
compensatory
holidays.

26. (1) No worker shall be allowed to work in an establishment for more than six days in any one week:

Provided that in any motor transport undertaking, an employer may, in order to prevent any dislocation of a motor transport service, require a worker to work on any day of weekly holiday which is not a holiday so arranged that the worker does not work for more than ten days consecutively without a holiday for a whole day intervening.

(2) The appropriate Government may, by notification, exempt such workers as it thinks fit from the provisions of sub-section (1), subject to such conditions as may be prescribed.

(3) Where, as a result of the passing of an order or the making of a rule under the provisions of this Code exempting an establishment or the workers therein from the provisions of sub-section (1), a worker is deprived of any of the weekly holidays, the worker shall be allowed, within the month in which the holidays were due or within the two months immediately following that month, compensatory holidays of equal number to the holidays, so deprived.

27. There shall be paid wages at the rate of twice the rate of wages in respect of overtime work, where a worker works in an establishment or class of establishment for more than such hours of work in any day or in any week as may be prescribed by the appropriate Government and the period of overtime work shall be calculated on a daily basis or weekly basis, whichever is more favourable to such worker:

Extra wages
for overtime.

Provided that a worker shall be required to work overtime by the employer subject to the consent of such worker for such work:

Provided further that the appropriate Government may prescribe the total number of hours of overtime.

28. Where a worker in an establishment works on a shift which extends beyond midnight,—

Night shifts.

(a) for the purposes of section 26, a weekly holiday for a whole day shall mean in his case a period of twenty-four consecutive hours beginning when his shift ends;

(b) the following day for him shall be deemed to be the period of twenty-four hours beginning when such shift ends, and the hours he has worked after midnight shall be counted in the previous day.

29. (1) The work shall not be carried on in any establishment by means of a system of shifts so arranged that more than one relay of workers is engaged in work of the same kind at the same time.

Prohibition of
overlapping
shifts.

(2) The appropriate Government or subject to the approval of the appropriate Government, the Chief Inspector-cum-Facilitator, may, by written order and for the reasons specified therein, exempt on such conditions as may be deemed expedient, any establishment or class of establishments or any department or section of an establishment or any category or description of workers therein from the provisions of sub-section (1):

Provided that the provisions of this sub-section shall not apply to mines.

30. No worker shall be required or allowed to work in a mine or factory if he has already been working in any other such similar establishment within the preceding twelve hours, save in such circumstances as may be prescribed by the appropriate Government.

Restriction on
double
employment
in factory and
mine.

31. (1) There shall be displayed and correctly maintained in every establishment a notice of periods of work, showing clearly for every day the periods during which workers may be required to work in accordance with the provisions of this Code.

Notice of
periods of
work.

(2) The form of notice required by sub-section (1), the manner of display of such notice and the manner in which such notice shall be sent to the Inspector-cum-Facilitator shall be such as may be prescribed by the appropriate Government.

(3) Any proposed change in the system of work in any establishment which will necessitate a change in the notice referred to in sub-section (1) shall be intimated to the Inspector-cum-Facilitator before the change is made, and except with the previous sanction of the Inspector-cum-Facilitator, no such change shall be made until one week has elapsed since that last change.

Annual leave
with wages,
etc.

32. (1) Every worker employed in an establishment shall be entitled for leave in a calendar year with wages subject to the following conditions, namely:—

(i) that he has worked one hundred and eighty days or more in such calendar year;

(ii) that he shall be entitled for one-day leave for every twenty days of his work, in the case of adolescent worker for fifteen days of his work, and in case of worker employed below ground mine, at the rate of one day for every fifteen days of his work, in such calendar year;

(iii) any period of layoff, maternity leave or annual leave availed by such worker in such calendar year shall be counted for calculating the period of one hundred and eighty days or more under clause (i), but he shall not earn leave for the period so counted;

(iv) any holidays falling between the leave availed by such worker (in a calendar year or prefixed or suffixed holiday) shall be excluded from the period of leave so availed;

(v) in case of such worker whose service commences otherwise than on the first day of January shall be entitled to leave with wages at the rate specified in clause (ii), if he has worked for one-fourth of the total number of days in the remainder of the calendar year;

(vi) in case such worker is discharged or dismissed from service or quits employment or is superannuated or dies while in service, during the course of the calendar year, such worker or his heir or nominee, shall be entitled to wages in lieu of the quantum of leave to which such worker was entitled immediately before his discharge, dismissal, quitting of employment, superannuation or death, calculated as specified in preceding clauses, even if such worker has not worked for the required period under this sub-section making such worker eligible to avail such leave, and such payment shall be made—

(a) where such worker is discharged or dismissed or quits employment before the expiry of the second working day from the date of such discharge, dismissal or quitting; and

(b) where such worker is superannuated or dies while in service, before the expiry of two months from the date of such superannuation or death;

(vii) if such worker does not in any one calendar year take the whole of the leave allowed to him under this sub-section and the rules made thereunder, then, any leave not taken by him shall be added to the leave to be allowed to him in the succeeding calendar year so that—

(a) the total number of days of leave that may be carried forward to a succeeding year shall not exceed thirty days; and

(b) such worker, who has applied for leave with wages but has not been given such leave in accordance with this sub-section and the rules made thereunder shall be entitled to carry forward the leave refused without any limit;

(viii) without prejudice to clause (vi) such worker shall be entitled on his demand for encashment of leave at the end of calendar year;

(ix) such worker shall be entitled, where his total number of leave exceeds thirty days under sub-clause (a) of clause (vii), to encash such exceeded leave.

(2) The appropriate Government may, by notification, extend the provisions of sub-section (1) to any other establishment except railway establishment.

(3) The provisions of sub-section (1) shall not operate to the prejudice of any right to which a person employed in a mine may be entitled under any other law or under the terms of any award, agreement or contract of service:

Provided that if such award, agreement or contract of service, provides for longer annual leave with wages than that provided in sub-section (1), the quantum of leave, which the person employed shall be entitled to, shall be in accordance with such award, agreement or contract of service but leave shall be regulated in accordance with the provisions of sub-section (1) with respect of matters not provided for in such award, agreement or contract of service:

Provided further that where the Central Government is satisfied that the leave rules applicable to persons employed in any mine provide benefits which in its opinion are not less favourable than those provided for in sub-section (1) it may, by order in writing and subject to such conditions as may be specified therein exempt the mine from all or any of the provisions of sub-section (1).

CHAPTER VIII

MAINTENANCE OF REGISTERS, RECORDS AND RETURNS

33. An employer of an establishment shall—

(a) maintain register in prescribed form, electronically or otherwise, containing such particulars of workers as may be prescribed by the appropriate Government including,—

Maintenance of registers, records and filing of returns.

(i) work performed by them;

(ii) number of hours of work constituting normal working hours in a day;

(iii) day of rest allowed in every period of seven days;

(iv) wage paid and receipts given therefor;

(v) leave, leave wages, overtime work, attendance and dangerous occurrences; and

(vi) employment of adolescent;

(b) display notices at the work place of the workers in such manner and form as may be prescribed by the appropriate Government;

(c) issue wage slips to the workers, in electronic forms or otherwise; and

(d) file such return electronically or otherwise to the Inspector-cum-Facilitator in such manner and during such periods as may be prescribed by the appropriate Government.

CHAPTER IX

INSPECTOR-CUM-FACILITATORS AND OTHER AUTHORITY

34. (1) The appropriate Government may, by notification, appoint Inspector-cum-Facilitators for the purposes of this Code who shall exercise the powers conferred on them under this Code throughout their respective jurisdiction specified in the notification.

Appointment of Inspector-cum-Facilitators.

(2) The Inspector-cum-Facilitators appointed under sub-section (1) shall, apart from other duties to be discharged by them under this Code, conduct such inspections as specified in sub-section (3).

(3) The appropriate Government may—

(i) for the purposes of inspection referred to in sub-section (2), by notification, lay down an inspection scheme which may provide for the generation of web-based

inspection and calling of information under this Code, electronically and such scheme shall, *inter alia*, have provisions to cater to special circumstances for assigning inspection and calling for information from establishment or any other person besides web-based inspections; and

(ii) without prejudice to the provisions of sub-section (2), by notification, under the scheme, provide for the randomised selection of establishment and the Inspector-cum-Facilitator for inspection.

(4) Without prejudice to the powers of the appropriate Government under this section, the inspection scheme referred to in sub-section (3) may be designed taking into account, *inter alia*, the following factors, namely:—

(a) assignment of unique number, to each establishment (which will be same as the registration number allotted to the establishment registered under section 3), unique number to each Inspector-cum-Facilitator and to each inspection in such manner as may be notified by the appropriate Government;

(b) timely uploading of inspection reports in such manner and subject to such conditions as may be notified in the scheme;

(c) provisions for special inspections based on such parameters as may be notified by the appropriate Government; and

(d) the characteristics of employment, the nature of work, and characteristics of the workplaces based on such parameters as may be notified by the appropriate Government.

(5) The appropriate Government may, by notification, appoint any person or persons possessing the prescribed qualifications and experience to be Chief Inspector-cum-Facilitator for the purposes of such establishments or class of establishments and for such local limits of jurisdiction as may be specified in the notification:

Provided that a Chief Inspector-cum-Facilitator may be appointed for the purposes of a State or more than one States or for the purposes of the whole of the Country.

(6) The appropriate Government may, by notification, appoint for the purposes of establishments as may be notified by that Government, as many Additional Chief Inspector-cum-Facilitators, Joint Chief Inspector-cum-Facilitators and Deputy Chief Inspector-cum-Facilitators or any other officer of any designation as it thinks appropriate, to exercise such powers of the Chief Inspector-cum-Facilitator within his jurisdiction, as may be specified in the notification.

(7) Every Additional Chief Inspector-cum-Facilitator, Joint Chief Inspector-cum-Facilitator, Deputy Chief Inspector-cum-Facilitator and every other officer appointed under sub-section (6) shall, in addition to the powers of a Chief Inspector-cum-Facilitator specified in the notification by which the officer is appointed, exercise the powers of an Inspector-cum-Facilitator within such local limits as may be specified in the notification.

(8) No person shall be appointed under this section or having been so appointed, shall continue to hold office, who is, or who becomes, directly or indirectly interested in a workplace or work activity or in any process or business carried on in any workplace or in any plant or machinery connected therewith.

(9) The appropriate Government may also, by notification, appoint such public officers as it thinks fit to be Inspector-cum-Facilitators in addition to existing Inspector-cum-Facilitator for exercising the powers and discharging the duties of Inspector-cum-Facilitator for all or any of the purposes of this Code within such local limits as may be specified in such notification.

(10) Without prejudice to the other functions of the Inspector-cum-Facilitator under this Code, an Inspector-cum-Facilitator may in respect of any establishment or class of establishments in local area or areas of his jurisdiction where the Chief Inspector-cum-Facilitator with the approval of the appropriate Government and subject to such restrictions or conditions as he may think fit to impose, by order in writing authorise the Inspector-cum-Facilitator to exercise such of the powers of the Chief Inspector-cum-Facilitator as may be specified in such order:

Provided that the Chief Inspector-cum-Facilitator, with the approval of the appropriate Government, may by order in writing, prohibit the exercise, by any Inspector-cum-Facilitator or any class of Inspector-cum-Facilitators specified in such order, of any such power by such Inspector-cum-Facilitator or class of Inspector-cum-Facilitators.

(11) Every Chief Inspector-cum-Facilitator, Additional Chief Inspector-cum-Facilitator, Joint Chief Inspector-cum-Facilitator, Deputy Chief Inspector-cum-Facilitator, Inspector-cum-Facilitator and every other officer appointed under this section shall be deemed to be a public servant within the meaning of section 21 of the Indian Penal Code, and shall be officially subordinate to such authority as the appropriate Government may specify in this behalf.

45 of 1860.

35. (1) Subject to any rules made in this behalf, an Inspector-cum-Facilitator may—

Powers of
Inspector-
cum-
Facilitators.

(i) enter, with such assistance of persons, being persons in the service of the Government, or any local or other public authority, or with an expert, as he thinks fit, any place which is used, or which he has reason to believe, is used as a work place;

(ii) inspect and examine the establishment, any premises, plant, machinery, article, or any other relevant material;

(iii) inquire into any accident or dangerous occurrence, whether resulting in bodily injury, disability or death or not and take on the spot or otherwise statement of any person which he may consider necessary for such inquiry;

(iv) subject to any rules made by the State Government in this behalf, within his jurisdiction, examine the crops grown in any plantation or any worker employed therein or require the production of any register or other document maintained in pursuance of this Code, and take on the spot or otherwise statement of any person which he may consider necessary for carrying out the purposes of this Code relating to plantation;

(v) supply information and sensitise the employers and workers regarding the provisions of this Code and compliance thereof;

(vi) require the production of any register or any other document relating to the workplace or work activity;

(vii) search or seize, or take copies of, any register, record or other document or any portion thereof, as he may consider necessary in respect of any offence under this Code, which he has reason to believe, has been committed;

(viii) direct the concerned occupier or employer that any premises or any part thereof, or anything lying therein, shall be left undisturbed (whether generally or in particular respects) for so long as is necessary for the purpose of any inspection or inquiry;

(ix) take measurements, photographs and videographs and make such recordings as he considers necessary for the purpose of any examination or inquiry;

(x) take samples of any articles or substances found in any establishment or premises into which he has power to enter and of the air of the atmosphere in or in the vicinity of any such establishment or premises in such manner as may be prescribed by the appropriate Government;

(xi) in case of any article or substance found in any establishment or premises, being an article or substance which appears to him as having caused or is likely to cause danger to the health and safety of the employees, direct it to be dismantled or subject it to any process or test (but not so as to damage or destroy it unless the same is, in the circumstances necessary, for carrying out the purposes of any provision of this Code) and take possession of any such article or substance or a part thereof, and detain it for so long as is necessary for such examination;

(xii) issue show cause notice relating to safety, health and welfare provisions arising under this Code, rules, regulations and bye-laws made thereunder;

(xiii) prosecute, conduct or defend before any court any complaint or other proceeding arising under this Code, the rules and regulations made thereunder; and

(xiv) exercise such other powers and perform such other duties as may be prescribed by the appropriate Government.

(2) Any person required to produce any document or to give any information required by an Inspector-cum-Facilitator under sub-section (1) shall be deemed to be legally bound to do so within the meaning of section 175 and section 176 of the Indian Penal Code.

45 of 1860.

(3) The provisions of the Code of Criminal Procedure, 1973, shall, so far as may be, apply to such search or seizure under sub-section (1) as they apply to any search or seizure made under the authority of a warrant issued under section 94 of the said Code.

2 of 1974.

Powers and duties of District Magistrate.

36. The District Magistrate shall, within the local limits of his jurisdiction, exercise such powers and duties of the Inspector-cum-Facilitator in respect of mines as may be prescribed by the Central Government.

Third party audit and certification.

37. (1) The appropriate Government may, by notification, formulate a scheme to empanel experts possessing such qualifications and experience as may be prescribed for the purpose of such start-up establishments or class of establishments, as may be specified in the notification.

(2) The experts empanelled under sub-section (1), shall,—

(a) be assigned the third party audit and certification in a randomised manner, by the appropriate Government through a web-based scheme;

(b) carry out the audit and certification in the manner and for the purpose specified in the scheme referred to in sub-section (1);

(c) perform such duties as may be specified in such scheme and submit his report to the concerned employer and to the Inspector-cum-Facilitator.

Special powers of Inspector-cum-Facilitator in respect of factory, mines, dock work and building or other construction work.

38. (1) Without prejudice to the other powers of an Inspector-cum-Facilitator in this Code, an Inspector-cum-Facilitator,—

(A) shall have the following special powers in respect of a factory, namely:—

(a) where it appears to the Inspector-cum-Facilitator that conditions in a factory or part thereof are such that they may cause serious hazard or imminent danger by way of injury or death to the persons employed therein or to the general public in the vicinity, he may, by order in writing to the occupier of the factory, state the particulars in respect of which he considers the factory or part thereof to be the cause of such serious hazard or imminent danger and prohibit such occupier from employing any person in the factory or any part thereof other than the minimum number of persons necessary to attend to the minimum tasks till the hazard or danger is removed;

(b) any order issued by the Inspector-cum-Facilitator under sub-clause (a) shall have effect for a period of three days until extended by the Chief Inspector-cum-Facilitator by a subsequent order;

(c) any person aggrieved by an order of the Inspector-cum-Facilitator under sub-clause (a), and the Chief Inspector-cum-Facilitator under sub-clause (b), shall have the right to appeal to the High Court;

(d) any person whose employment has been affected by an order issued under sub-clause (a), shall, without prejudice to the rights of the parties under the Industrial Disputes Act, 1947, be entitled to wages and other benefits and it shall be the duty of the occupier to provide alternative employment to him wherever possible in such manner as may be prescribed by the appropriate Government;

(B) shall have the following special powers in respect of mines, namely:—

(a) if, in respect of any matter for which no express provision is made by or under this Code, it appears to the Chief Inspector-cum-Facilitator or an Inspector-cum-Facilitator that any mine or part thereof or any matter, thing or practice in or connected with the mine, or with the control, supervision, management or direction thereof, is dangerous to human life or safety or is defective so as to threaten or tend to cause, the bodily injury of any person, he may give notice in writing thereof to the employer of the mine stating therein the particulars in respect of which he considers the mine or part thereof or the matter, thing or practice to be dangerous or defective and require the same to be remedied within such time and in such manner as he may specify in the notice;

(b) where the employer of a mine fails to comply with the terms of a notice given under sub-clause (a) within the period specified therein, the Chief Inspector-cum-Facilitator or the Inspector-cum-Facilitator may, by order in writing, prohibit the employment in or about the mine or any part thereof of any person whose employment is not in his opinion reasonably necessary for securing compliance with the terms of the notice;

(c) without prejudice to the provisions contained in sub-clause (a), the Chief Inspector-cum-Facilitator or the Inspector-cum-Facilitator may, by order in writing addressed to the employer of a mine, prohibit the extraction or reduction of pillars or blocks of minerals in the mine or part thereof, if, in his opinion, such operation is likely to cause the crushing of pillars or blocks of minerals or the premature collapse of any part of the workings or otherwise endanger the mine or the life or safety of persons employed therein or if, in his opinion, adequate provision against the outbreak of fire or flooding has not been made by providing for the sealing off and isolation of the part of the mine in which such operation is contemplated and for restricting the area that might be affected by fire or flooding;

(d) if the Chief Inspector-cum-Facilitator or an Inspector-cum-Facilitator authorised, by general or special order in writing by the Chief Inspector-cum-Facilitator, is of opinion that there is urgent and immediate danger to the life or safety of any person employed in any mine or part thereof, he may, by order in writing containing a statement of the grounds of his opinion, prohibit until he is satisfied that the danger is removed, the employment in or about the mine or any part thereof of any person whose employment is not in his opinion reasonably necessary for the purpose of removing the danger;

(e) every person whose employment is prohibited under sub-clause (b) or sub-clause (d) shall be entitled to payment of full wages for the period for which he would have been, but for the prohibition, in employment and the employer shall be liable for payment of such full wages of that person:

Provided that the employer may instead of paying such full wages provide such person with an alternative employment at the same wages which such person was receiving in the employment which was prohibited;

14 of 1947.

(f) where a notice has been given under sub-clause (a) or an order is made under sub-clause (b) or sub-clause (c) or sub-clause (d) by an Inspector-cum-Facilitator, the employer of the mine may, within ten days after the receipt of the notice or order, as the case may be, appeal against the same to the Chief Inspector-cum-Facilitator who may confirm, modify or cancel the notice or order;

(g) the Chief Inspector-cum-Facilitator or the Inspector-cum-Facilitator sending a notice under sub-clause (a) or making an order under sub-clause (b) or sub-clause (c) or sub-clause (d) and the Chief Inspector-cum-Facilitator making an order (other than an order of cancellation in appeal) under sub-clause (f) shall forthwith report the same to the Central Government;

(h) if the employer of the mine objects to a notice sent under sub-clause (a) by the Chief Inspector-cum-Facilitator or the Inspector-cum-Facilitator or to an order made by the Chief Inspector-cum-Facilitator or the Inspector-cum-Facilitator under sub-clause (b) or sub-clause (c) or sub-clause (d) or sub-clause (f), as the case may be, he may, within twenty days after the receipt of the notice containing the requisition or of the order or after the date of the decision on appeal, as the case may be, send his objection in writing stating the grounds thereof to the Central Government which shall, ordinarily within a period of one month from the date of receipt of the objection, decide the matter;

(i) every notice under sub-clause (a), or order under sub-clause (b) or sub-clause (c) or sub-clause (d) or sub-clause (f), to which objection is made under sub-clause (h), shall be complied with, pending the objection with the concerned Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator of the mine, for the decision of the Central Government:

Provided that the Central Government may, on the application of the employer, suspend the operation of a notice under sub-clause (a), pending its decision on the objection;

(j) nothing in this section shall affect the powers of a magistrate under section 144 of the Code of Criminal Procedure, 1973;

2 of 1974.

(k) where in respect of any matter relating to safety of mine for which express provision is made by or under this Code, the employer of a mine fails to comply with such provisions, the Chief Inspector-cum-Facilitator may give notice in writing requiring the same to be complied with within such time as he may specify in the notice or within such extended period of time as he may, from time to time, specify thereafter;

(l) where the employer fails to comply with the terms of a notice given under sub-clause (k) within the period specified in such notice or within the extended period of time specified under that sub-clause, the Chief Inspector-cum-Facilitator may, by order in writing, prohibit the employment, in or about the mine or any part thereof, of any person whose employment is not, in his opinion, reasonably necessary for securing compliance with the terms of the notice;

(m) every person whose employment is prohibited under sub-clause (l), shall be entitled to payment of full wages for the period for which he would have been, but for the prohibition, in employment, and the owner, agent or manager referred to in section 67 shall be liable for payment of such full wages of that person:

Provided that the employer may, instead of paying such full wages, provide such person with an alternative employment at the same wages which such person was receiving in the employment which was prohibited under sub-clause (l);

(*n*) the provisions of sub-clauses (*g*), (*h*) and (*i*) shall apply in relation to a notice issued under sub-clause (*k*) or an order made under sub-clause (*l*) as they apply in relation to a notice or an order under sub-clause (*b*);

(*o*) the Chief Inspector-cum-Facilitator may, for reasons to be recorded in writing, reverse or modify any order passed by him under this Code or under any regulation, rule or bye-law made thereunder in relation to mine;

(*p*) no order prejudicial to the owner, agent or manager of a mine shall be made under this section unless such owner, agent or manager has been given a reasonable opportunity of making representation;

(*q*) the Central Government may reverse or modify any order passed by Chief Inspector-cum-Facilitator under this Code or under any regulation, rule or bye-laws thereunder in relation to mine;

(C) shall have the following special powers in respect of dock work namely:—

(*a*) if it appears to an Inspector-cum-Facilitator that any place where any dock work is being carried on is in such a condition that it is dangerous to life, safety or health, of workers employed in dock work, he may, in writing, serve on the employer, an order prohibiting any dock work, in such place, until measures have been taken to remove the cause of the danger to his satisfaction;

(*b*) an Inspector-cum-Facilitator after serving an order under clause (*a*) shall endorse a copy thereof to the Chief Inspector-cum-Facilitator who may modify or cancel the order without waiting for an appeal;

(*c*) any person aggrieved by an order under clause (*a*) or clause (*b*) may, within fifteen days from the date on which the order is communicated to him, prefer an appeal to the Chief Inspector-cum-Facilitator or where such order is by the Chief Inspector-cum-Facilitator, to the Central Government and the Chief Inspector-cum-Facilitator or the Central Government shall, after giving the appellant an opportunity of being heard, dispose of the appeal within sixty days:

Provided that the Chief Inspector-cum-Facilitator or the Central Government may entertain the appeal after the expiry of the said period of fifteen days, if he or it is satisfied that the appellant was prevented by sufficient cause from filing the appeal in time:

Provided further that an order under clause (*a*) or an order modified under clause (*b*) shall be complied with, pending the decision of the Chief Inspector-cum-Facilitator or the Central Government.

(2) Without prejudice to the other powers of an Inspector-cum-Facilitator elsewhere in this Code,—

(*a*) if it appears to the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator that any site or place at which any building or other construction work is being carried on, is in such condition that it is dangerous to life, safety or health of building workers or the general public, he may, in writing serve, on the employer of building workers working at such site or place or on the employer of the establishment in which such site or place is situated or on the person in charge of such site or place, an order prohibiting any building or other construction work at such site or place until measures have been taken to remove the cause of the danger to his satisfaction;

(*b*) an Inspector-cum-Facilitator serving an order under clause (*a*) shall endorse a copy of the order to the Chief Inspector-cum-Facilitator;

(*c*) such prohibition order made by the Inspector-cum-Facilitator shall be complied with by the employer forthwith.

(3) Any person aggrieved by an order under clause (a) of sub-section (2), may, within fifteen days from the date on which the order is communicated to him, prefer an appeal to the Chief Inspector-cum-Facilitator or where such order is by the Chief Inspector-cum-Facilitator, to the appropriate Government and the Chief Inspector-cum-Facilitator or the appropriate Government, as the case may be, shall, after giving the appellant an opportunity of being heard, dispose of the appeal within sixty days:

Provided that the Chief Inspector-cum-Facilitator or the appropriate Government may, entertain the appeal after the expiry of the said period of fifteen days if it is satisfied that the appellant was prevented by sufficient cause from filing the appeal in time:

Provided further that the order under clause (a) of sub-section (2), shall be complied with, subject to the decision of the Chief Inspector-cum-Facilitator or the appropriate Government as the case may be.

Secrecy of information by Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator, etc.

39. (1) All copies of, and extracts from, registers or other records pertaining to any establishment and all other information relating to any manufacturing or commercial business or any working process acquired by the Chief Inspector-cum-Facilitator or an Inspector-cum-Facilitator or by any one assisting him, in the course of the inspection or survey of any establishment under this Code or acquired by any officer authorised under section 20 in the exercise of his duties thereunder, shall be regarded as confidential and shall not, while in service or after leaving the service, be disclosed to any person or authority unless the Chief Inspector-cum-Facilitator or the Inspector-cum-Facilitator considers disclosure necessary to ensure the health, safety or welfare of any person employed in establishment.

(2) Nothing in sub-section (1) shall apply to the disclosure of any such information to—

(a) any court;

(b) any Committee or Board constituted under this Code;

(c) an official superior or the employer of the establishment concerned;

(d) a Commissioner for employees' compensation appointed under the Employees' Compensation Act, 1923;

8 of 1923.

(e) the Controller, Indian Bureau of Mines; and

(f) any such officer, authority or authorised person as may be specified in this behalf by the appropriate Government.

(3) Notwithstanding anything contained in the Right to Information Act, 2005, no Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator shall disclose the source of any complaint, made to him regarding the contravention of the provisions of this Code without the consent of the complainant and shall also not while making an inspection under this Code in pursuance of such complaint, disclose to the employer concerned or any of his representative that the inspection is being made in pursuance of such complaint.

22 of 2005.

Facilities to be afforded to Inspector-cum-Facilitator.

40. Every employer of an establishment shall afford the Chief Inspector-cum-Facilitator and every Inspector-cum-Facilitator having jurisdiction or every person authorised by the Chief Inspector-cum-Facilitator all reasonable facilities for making any entry, inspection, survey, measurement, examination or inquiry under this Code.

Powers of special officer to enter, measure, etc., in relation to mine.

41. Any person in the service of the Government duly authorised in this behalf by a special order in writing of the Chief Inspector-cum-Facilitator or of an Inspector-cum-Facilitator may, for the purpose of surveying, leveling or measuring any mine or any output therefrom, after giving not less than three days' notice to the manager of such mine, enter the mine and may survey, level or measure the mine or any part thereof or any output therefrom at any time by day or night:

Provided that, where in the opinion of the Chief Inspector-cum-Facilitator or of an

Inspector-cum-Facilitator an emergency exists, he may, by order in writing, authorise any such person to enter the mine for any of the aforesaid purposes without giving any such notice.

42. (1) The appropriate Government may appoint medical practitioners having prescribed qualification to be medical officers for the purposes of this Code in relation to factory, mines, plantation, motor transport undertakings and in any other establishment as may be prescribed: Medical officer.

Provided that the medical officers so appointed shall before entering into their office shall disclose to the appropriate Government their interest in the concerned establishment.

(2) The medical officer shall perform the following duties, namely:—

(a) the examination and certification of workers in a mine or factory or in such other establishment engaged in such dangerous occupations or processes as may be prescribed;

(b) the exercise of such medical supervision for any factory, mines, plantation, motor transport undertaking and for such other establishment as may be prescribed by the appropriate Government where cases of illness have occurred which it is reasonable to believe are due to the nature of any process carried on or other conditions of work prevailing in such establishments;

(c) the examination and certification of adolescent for the purpose of ascertaining his fitness for employment in factory, plantation, motor transport undertakings and in any other establishment as may be prescribed by the appropriate Government in any work which is likely to cause injury to their health.

CHAPTER X

SPECIAL PROVISION RELATING TO EMPLOYMENT OF WOMEN

43. Women shall be entitled to be employed in all establishments for all types of work under this Code and they may also be employed, with their consent before 6 a.m. and beyond 7 p.m. subject to such conditions relating to safety, holidays and working hours or any other condition to be observed by the employer as may be prescribed by the appropriate Government. Employment of women.

44. Where the appropriate Government considers that the employment of women is dangerous for their health and safety, in an establishment or class of establishments or in any particular hazardous or dangerous processes in such establishment or class of establishments, due to the operation carried out therein, such Government may in the prescribed manner, require the employer to provide adequate safeguards prior to the employment of women for such operation. Adequate safety of employment of women in dangerous operation.

CHAPTER XI

SPECIAL PROVISIONS FOR CONTRACT LABOUR AND INTER-STATE MIGRANT WORKER, ETC.

PART I

CONTRACT LABOUR

45. (1) This Part shall apply to—

Applicability of this Part.

(i) every establishment in which fifty or more contract labour are employed or were employed on any day of the preceding twelve months through contract;

(ii) every manpower supply contractor who has employed, on any day of the preceding twelve months, fifty or more contract labour.

(2) This Part shall not apply to the establishment in which work only of an intermittent or casual nature is performed:

Provided that if a question arises as to whether work performed in an establishment is of an intermittent or casual nature, the appropriate Government shall decide that question after consultation with the National Board or a State Advisory Board and its decision thereon shall be final.

Explanation.—For the purpose of this sub-section, work performed in an establishment shall not be deemed to be of an intermittent nature—

(i) if it was performed for more than one hundred and twenty days in the preceding twelve months; or

(ii) if it is of seasonal character and is performed for more than sixty days in a year.

Appointment
of designated
authority.

46. The appropriate Government may, by an order, appoint such persons, being Gazetted officers of the Government, as it thinks fit to be designated as authority under sub-section (1) of section 119 and specify the limits of their jurisdiction and vest with such powers and duties including dealing with issuance and revocation of licences electronically as may be specified therein.

Licensing of
contractors.

47. (1) No contractor to whom this Part applies shall—

(a) supply or engage contract labour in any establishment; or

(b) undertake or execute the work through contract labour,

except under and in accordance with a licence issued to him by the authority referred to in sub-section (1) of section 119 in accordance with the provisions of that section after satisfying that the contractor fulfills such requisite qualifications or criteria as may be prescribed by the Central Government and such licence shall, in addition to the requisite particulars and conditions specified in sub-section (3), specify the number of such contract labour who can be supplied or engaged and the amount of security to be deposited by the contractor.

(2) Where the contractor does not fulfil the requisite qualifications or criteria referred to in sub-section (1), the authority referred to in sub-section (1) of section 119 may issue him a "work specific licence" electronically renewable within such period as may be prescribed by the Central Government to supply or engage the contract labour, or execute the work through contract labour, only for the concerned work order as may be specified in such licence and subject to such conditions as may be specified in such licence.

(3) Subject to the provisions of this Part,—

(a) a licence under sub-section (1) may contain such conditions including, in particular, conditions as to hours of work, fixation of wages and other essential amenities in respect of contract labour as may be prescribed by the appropriate Government;

(b) the licence referred to in sub-section (1) or sub-section (2), shall be obtained from, if for such establishment the appropriate Government is—

(i) the Central Government, the authority referred to in sub-section (1) of section 119 designated by that Government; and

(ii) the State Government, the authority referred to in sub-section (1) of section 119 designated by that Government:

Provided that where the contractor is desirous of obtaining licence for supplying or engaging contract labour or undertaking or executing the contract works under sub-section (1) or sub-section (2) in more than one States or for the whole of India, then, he

may obtain the licence from the authority referred to in sub-section (1) of section 119 designated by the Central Government for such purpose and the provisions of that section shall apply:

Provided further that before issuing such licence the authority referred to in the first proviso shall consult the concerned State or States authorities designated under sub-section (1) of section 119, electronically before issuing licence for the establishments for which the appropriate Government is the State Government.

48. (1) Subject to the provisions of section 119, every application for issuing a licence under section 119 for the purposes of sub-section (1) or sub-section (2) of section 47 shall be made electronically in such form and manner and shall contain such particulars regarding the number of contract labour, nature of work for which contract labour is to be employed and such other particulars including the information relating to the employment of inter-State migrant workers as may be prescribed by the appropriate Government.

Procedure for
issue or
renewal of
licence.

(2) Subject to the provisions of section 119, the authority referred to in sub-section (1) thereof shall follow such procedure as may be prescribed by the appropriate Government.

(3) Subject to the provisions of section 119, the licence issued for the purposes of sub-section (1) of section 47 shall be valid for a period of five years in respect of the number of contract labour specified therein and in case the contractor wants to increase the number of the contract labour, he shall apply in the prescribed manner for the amendment to the licence for such purpose to the authority referred to in sub-section (1) of section 119 and if the licence is so amended, the number of contract labour shall be increased to such extent by depositing such security deposit as specified in the amended licence for the balance period.

(4) Subject to the provisions of section 119, the licence issued for the purposes of sub-section (1) of section 47 shall contain responsibility of the contractor as may be prescribed by the appropriate Government.

49. The contractor shall not charge directly or indirectly, in whole or in part, any fee or commission from the contract labour.

No fees or
commission or
any cost to
workers.

50. (1) When a contractor receives work order from an establishment either to supply contract labour in the establishment or to execute the contract through contract labour in the establishment he shall, within such time and in such manner as may be prescribed, intimate to the authority referred to in section 119.

Information
regarding work
order to be
given to be
the
appropriate
Government.

(2) Where the contractor fails to give intimation under sub-section (1), the designated authority may, after giving the holder of the licence an opportunity of showing cause, suspend or cancel the licence in such manner as may be prescribed by the appropriate Government.

51. (1) If the authority referred to in sub-section (1) of section 119 is satisfied, either on a reference made to him in this behalf or otherwise, that—

Revocation,
suspension
and
amendment
of licence.

(a) a licence granted for the purposes of this Part has been obtained by misrepresentation or suppression of any material fact, or

(b) the holder of a licence has, failed to comply with the conditions subject to which the licence has been granted or has contravened any of the provisions of this Part or the rules made thereunder, then,

without prejudice to any other penalty to which the contractor may be liable under this Code, the authority referred to in sub-section (1) of section 119 may, after giving the contractor an opportunity of showing cause, revoke or suspend the licence in accordance with the procedure as may be prescribed by the Central Government.

(2) Subject to any rules that may be made in this behalf, the authority referred to in sub-section (1) of section 119 may amend a licence granted for the purposes of this Part.

Appeal.

52. (1) Any person aggrieved by an order made under section 47, section 48 or section 51 may, within thirty days from the date on which the order is communicated to him, prefer an appeal to an appellate authority prescribed by the appropriate Government under sub-section (6) of section 119:

Provided that the appellate authority may entertain the appeal after the expiry of the said period of thirty days, if he is satisfied that the appellant was prevented by sufficient cause from filing the appeal in time.

(2) On receipt of an appeal under sub-section (1), the appellate authority shall, after giving the appellant an opportunity of being heard, dispose of the appeal within thirty days from the date on which the appeal is preferred.

Liability of principal employer for welfare facilities.

53. Welfare facilities specified under section 23 and section 24 shall be provided by the principal employer of the establishment to the contract labour who are employed in such establishment.

Effect of employing contract labour from a non-licensed contractor.

54. Where any principal employer of an establishment is employing contract labour through a contractor who is required to obtain a licence under this Part, but he has not obtained such licence, then, such employment shall be deemed to be in contravention of the provision of this Code.

Responsibility for payment of wages.

55. (1) A contractor shall be responsible for payment of wages to each contract labour employed by him and such wages shall be paid before the expiry of such period as may be prescribed by the appropriate Government.

(2) Every contractor shall, make the disbursement of wages referred to in sub-section (1) through bank transfer or electronic mode and inform the principal employer electronically the amount so paid by such mode:

Provided that where it is not practicable to disburse payment in the mode specified in this section, then, the payment shall be made in such manner as may be prescribed by the appropriate Government.

(3) In case the contractor fails to make payment of wages referred to in sub-section (1) within the prescribed period or makes short payment, then, the principal employer shall be liable to make payment of the wages in full or the unpaid balance due, as the case may be, to the concerned contract labour employed by the contractor and recover the amount so paid from the contractor either by deduction from any amount payable to the contractor under any contract or as a debt payable by the contractor.

(4) The appropriate Government, in the event the contractor does not pay the wages to the contract labour employed by him, shall pass the orders of making payment of such wages from the amount deposited by such contractor as security deposit under the licence issued by the licensing officer to the contractor, in such manner as may be prescribed by such Government.

Experience certificate.

56. Every concerned contractor shall issue, on demand, experience certificate, in such form as may be prescribed by the appropriate Government, to the contract labour giving details of the work performed by such contract labour.

Prohibition of employment of contract labour.

57. (1) Notwithstanding anything contained in this Part, employment of contract labour in core activities of any establishment is prohibited:

Provided that the principal employer may engage contract labour through a contractor to any core activity, if—

(a) the normal functioning of the establishment is such that the activity is ordinarily done through contractor; or

(b) the activities are such that they do not require full time workers for the major portion of the working hours in a day or for longer periods, as the case may be;

(c) any sudden increase of volume of work in the core activity which needs to be accomplished in a specified time.

(2) (a) The appropriate Government may, by notification, appoint a designated authority to advise that Government on the question whether any activity of an establishment is a core activity or otherwise;

(b) if a question arises as to whether any activity of an establishment is a core activity or otherwise, the aggrieved party may make an application in such form and manner as may be prescribed, to the appropriate Government for decision;

(c) the appropriate Government may refer any such question *suo motu* or refer the application to the designated authority, which on the basis of relevant material in its possession, or after making such an enquiry as it deems fit, shall report to the appropriate Government, within such period and thereafter the appropriate Government shall decide the question within such period as may be prescribed.

58. The appropriate Government may, in the case of an emergency, direct, by notification, that subject to such conditions and restrictions, if any, and for such period, as may be specified in the notification, all or any of the provisions of this Code or the rules made thereunder shall not apply to any establishment or class of establishments or any class of contractors.

Power to exempt in special cases.

PART II

INTER-STATE MIGRANT WORKERS

59. This Part shall apply to every establishment in which ten or more inter-State migrant workers are employed or were employed on any day of the preceding twelve months.

Applicability of Part II.

60. It shall be the duty of every contractor or the employer, of an establishment employing inter-State migrant workers in connection with the work of that establishment—

Facilities to inter-State migrant workers.

(i) to ensure suitable conditions of work to such worker having regard to the fact that he is required to work in a State different from his own State;

(ii) in case of fatal accident or serious bodily injury to any such worker, to report to the specified authorities of both the States and also the next of kin of the worker;

(iii) to extend all benefits to such worker which are available to a worker of that establishment including benefits under the Employees' State Insurance Act, 1948 or the Employees' Provident Funds and Miscellaneous Provisions Act, 1952 or any other law for the time being in force and the facility of medical check-up as available to a worker under clause (c) of sub-section (1) of section 6.

34 of 1948.
19 of 1952.

61. The employer shall pay, to every inter-State migrant worker employed in his establishment, in a year a lump sum amount of fare for to and fro journey to his native place from the place of his employment, in the manner taking into account the minimum service for entitlement, periodicity and class of travel and such other matters as may be prescribed by the appropriate Government.

Journey allowance.

62. The appropriate Government shall make schemes to provide—

Benefits of public distribution system, etc.

(a) option to an inter-State migrant worker for availing benefits of public distribution system either in his native State or the destination State where he is employed; and

(b) for portability of the benefits of the inter-State migrant worker working for building or other construction work out of the building and other construction cess fund in the destination State where such inter-State migrant worker is employed.

Toll free helpline.

63. The appropriate Government may provide facility of toll free helpline to the inter-State migrant workers in such manner as may be prescribed by that Government.

Study of inter-State migrant workers.

64. The appropriate Government may provide for study of inter-State migrant workers in such manner as may be prescribed by that Government.

Past liabilities.

65. No suit or other proceeding shall lie in any court or before any authority for the recovery of debt or any part thereof relating to an inter-State migrant worker after the completion of his employment where it remains unsettled obligation to the contractor or the principal employer and such debt or part thereof shall, on the completion of the period of employment of such worker, be deemed to have been extinguished.

PART III

AUDIO-VISUAL WORKERS

Prohibition of employment of audio-visual worker without agreement.

66. (1) No person shall be employed as an audio-visual worker in or in connection with production of any audio-visual programme unless,—

(a) an agreement in writing is entered into—

(i) with such person by the producer of such audio-visual programme; or

(ii) with such person by the producer of such audio-visual programme with the contractor, where such person is employed through such contractor; or

(iii) with such person by the contractor or other person through whom such person is employed; and

(b) such agreement is registered with the competent authority, to be notified by the appropriate Government, by the producer of such audio-visual programme.

(2) Every agreement, referred to in sub-section (1) shall,—

(a) be in the prescribed form;

(b) specify the name and such other particulars as may be prescribed by the appropriate Government with respect to, such person to be employed under the agreement as audio-visual worker;

(c) include, where such audio-visual worker is employed through a contractor, a specific condition to the effect that in the event of the contractor failing to discharge his obligations under the agreement to the audio-visual worker with respect to payment of wages or any other matter, the producer of the audio-visual programme shall also be liable to discharge such obligations and shall be entitled to be reimbursed with respect thereto by the contractor.

(3) A copy of the agreement referred to in sub-section (1) with respect to the employment of the audio-visual worker shall, if such audio-visual worker is covered under the provision of an enactment for the time being in force for providing the benefit of provident fund to him, also be forwarded by the producer of the audio-visual programme to such authority as may be prescribed by the appropriate Government.

(4) Notwithstanding anything contained in Chapters V, VI and VII, the agreement referred to in sub-section (1) shall include,—

(i) nature of assignment;

- 19 of 1952. (ii) wages and other benefits (including provident fund, if covered under the Employees' Provident Fund and Miscellaneous Provisions Act, 1952);
- (iii) health and working conditions;
- (iv) safety;
- (v) hours of work;
- (vi) welfare facilities; and
- (vii) dispute resolution process or mechanism, the constitution and other details of which shall be prescribed by the appropriate Government:

14 of 1947. Provided that in case of failure of the resolution of the dispute in such dispute resolution process or mechanism, either party in the dispute may invoke the jurisdiction of the Industrial Tribunal established by the appropriate Government under section 7A of the Industrial Disputes Act, 1947 and for such purpose such dispute shall be deemed to be industrial dispute within the meaning of that Act and it shall be the responsibility of the producer of the audio-visual programme to provide the facilities specified in the agreement to the audio-visual worker and the payment of wages shall be through electronic mode.

PART IV

MINES

67. (1) Save as may be otherwise prescribed, every mine shall be under a sole manager who shall have such qualifications as may be prescribed by the Central Government and the owner or agent of every mine shall appoint a person having such qualifications to be the manager: Managers.

Provided that the owner or agent may appoint himself as manager if he possesses the prescribed qualifications.

(2) Subject to any instructions given to him by or on behalf of the owner or agent of the mine, the manager shall be responsible for the overall management, control, supervision and direction of the mine and all such instructions when given by the owner or agent shall be confirmed in writing forthwith.

(3) Except in case of an emergency, the owner or agent of a mine or anyone on his behalf shall not give, otherwise than through the manager, instructions affecting the fulfilment of his statutory duties, to a person, employed in a mine, who is responsible to the manager.

68. (1) The provisions of this Code, except those contained in sections 35, 38, 40, 41 and 44, shall not apply to— Code not to apply in certain cases.

(a) any mine or part thereof in which excavation is being made for prospecting purposes only and not for the purpose of obtaining minerals for use or sale subject to such conditions relating to number of employees, depth of excavation and other matters as may be prescribed by the Central Government;

(b) any mine engaged in the extraction of kankar, murrum, laterite, boulder, gravel, shingle, ordinary sand (excluding mouldings and glass sand and other mineral sands), ordinary clay (excluding kaolin, china clay, white clay or fire clay), building stone, slate, road metal, earth, fullers earth (marl, chalk) and lime stone subject to such conditions relating to workings, open cast workings and explosives as may be prescribed by the Central Government.

(2) Notwithstanding anything contained in sub-section (1), the Central Government may declare that the provisions of this Code shall apply to such mine or part thereof as may be prescribed by the Central Government.

(3) Without prejudice to the provisions contained in sub-section (2), if at any time any of the conditions specified in clause (a) or clause (b) of sub-section (1) is not fulfilled in relation to any mine referred to in that sub-section, the provisions of this Code not set out in sub-section (1), shall become immediately applicable, and it shall be the duty of the employer of the mine to inform about such non-fulfilment to such authority in such manner and within such time as may be prescribed by the Central Government.

Exemption from provision regarding employment.

69. (1) In case of an emergency involving serious risk to the safety of the mine or of persons employed therein, or in case of an accident, whether actual or apprehended, or in case of any act of God or in case of any urgent work to be done to machinery, plant or equipment of the mine as a result of breakdown of such machinery plant or equipment, the manager may, subject to the provision of clause (B) of sub-section (1) of section 38 and in accordance with the provisions of section 25 relating to exemption from hours of work above ground, hours of work below ground and notification regarding hours of work and weekly day of rest relating to mines under section 26, permit persons to be employed in contravention of sections 25 and 30 and sub-section (1) of section 31 on such work as may be necessary to protect the safety of the mine or of the persons employed therein:

Provided that in case of any urgent work to be done to machinery, plant or equipment under this section, the manager may take the action permitted by this section, although the production of mineral would thereby be incidentally affected, but any action so taken shall not exceed the limits necessary for the purpose of avoiding serious interference with the ordinary working of the mine.

(2) Every case in which action has been taken by the manager under sub-section (1), shall be recorded together with the circumstances relating thereto and a report thereof shall also be made to the Chief Inspector-cum-Facilitator or the Inspector-cum-Facilitator.

Employment of persons below eighteen years of age.

70. (1) No person below eighteen years of age shall be allowed to work in any mine or part thereof.

(2) Notwithstanding anything contained in sub-section (1), apprentices and other trainees, not below sixteen years of age, may be allowed to work, under proper supervision, in a mine or part thereof by the manager as referred to in section 67:

Provided that in the case of trainees, other than apprentices, prior approval of the Chief Inspector-cum-Facilitator or an Inspector-cum-Facilitator shall be obtained before they are allowed to work.

(3) The Central Government may prescribe the provisions for medical examination of apprentice, other trainee and employee in the mine to ensure their fitness to work and to prevent the persons below sixteen years of age to work as apprentice or trainee and those who are not adults to work as such employee.

Explanation.—In this section, "apprentice" means an apprentice as defined in clause (a) of section 2 of the Apprentices Act, 1961.

52 of 1961.

Exemption to certain persons.

71. The Central Government may make rules to provide for exemption to certain persons or category of persons employed in mines from the provisions of sub-section (1) of section 25, sub-section (1) of section 26, section 30 and sub-section (1) of section 31.

Establishment, maintenance of rescue services and vocational training.

72. The Central Government may prescribe vocational training and rescue and recovery services for persons employed in a mine.

73. If any question arises as to whether any excavation or working or premises in or adjacent to and belonging to a mine, on which any process ancillary to the getting, dressing or preparation for sale of minerals or of coke is being carried on in a mine within the meaning of this Code, the Central Government may decide the question, and a certificate signed by a Secretary to the Government of India in the Ministry of Labour and Employment shall be conclusive proof thereof.

Decision of question whether a mine is covered under this Code.

PART V

BEEDI AND CIGAR WORKERS

74. (1) Save as otherwise provided in this Part, no employer shall use or allow to use any place or premises as an industrial premises unless he holds a valid licence issued under section 119 for the purposes of this Part and no such premises shall be used except in accordance with the terms and conditions of such licence.

Licence to industrial premises and person.

(2) Subject to the provisions of section 119, any person who intends to use or allows to use any place or premises specified in sub-section (1) shall make an application to the authority referred to in sub-section (1) of section 119, in such form and on payment of such fees as may be prescribed by the State Government, for a licence to use, or allow to use, such premises as an industrial premises.

(3) Subject to the provisions of section 119, the application shall specify the maximum number of employees proposed to be employed at any time of the day in the place or premises and shall be accompanied by a plan of the place or premises prepared in such manner as may be prescribed by the State Government.

(4) Subject to the provisions of section 119, the authority referred to in sub-section (1) thereof shall, in deciding whether to grant or refuse to grant a licence, have regard to the following matters, namely:—

(a) the suitability of the place or premises which is proposed to be used for the manufacture of beedi or cigar or both;

(b) previous experience of the applicant or he has employed experienced person or has entered into agreement with the experienced person for employment for the period of licence;

(c) the financial resources of the applicant including his financial capacity to meet the demands arising out of the provisions of the laws for the time being in force relating to welfare of labour;

(d) whether the application is made *bona fide* on behalf of the applicant himself or in *benami* of any other person;

(e) welfare of the labour in the locality, the interest of the public generally and such other matters as may be prescribed by the State Government.

(5) Subject to the provisions of section 119, a licence granted under the said section for the purposes of this section shall be valid for five years and may be renewed thereafter.

(6) Subject to the provisions of section 119, an application for the renewal of a licence for the purposes of this Part shall be made at least thirty days before the expiry of the period thereof, on payment of such fees as may be prescribed by the State Government, and where such an application has been made, the licence shall be deemed to continue, notwithstanding the expiry of the period thereof, until the renewal of the licence, or, as the case may be, the rejection of the application for the renewal thereof:

Provided that the authority referred to in sub-section (1) of section 119 shall not grant or renew a licence unless it is satisfied that the provisions of this Part and the rules made thereunder have been complied with:

Provided further that the authority referred to in sub-section (1) of section 119 shall renew or refuse to renew the licence within such period as may be prescribed by the State Government and in deciding whether to renew a licence or to refuse a renewal thereof shall have regard to the matters specified in sub-section (4).

(7) Subject to the provisions of section 119, the authority referred to in sub-section (1) thereof may, after giving the holder of a licence an opportunity of being heard, cancel or suspend any licence granted or renewed under section 119 for the purposes of this Part, if it appears to it that such licence has been obtained by misrepresentation or fraud or that the licence has contravened or failed to comply with any of the provisions of this Part or the rules made thereunder or any of the terms or conditions of the licence.

(8) The State Government may issue in writing to an authority referred to in sub-section (1) of section 119 such directions of a general character as that Government may consider necessary in respect of any matter relating to the grant or renewal of licence under section 119 relating to this section.

(9) Subject to section 119 and the foregoing provisions of this section, the authority referred to in sub-section (1) of section 119 may grant or renew licence relating to this Part on such terms and conditions as it may determine and where such authority refuses to grant or renew any licence, it shall do so by an order communicated to the applicant, giving the reasons in writing for such refusal.

Appeals.

75. Any person aggrieved by the decision of the authority referred to in sub-section (1) of section 119 refusing to grant or renew a licence, or cancelling or suspending a licence, relating to this Part may, within such time and on payment of such fees as may be prescribed, appeal to the appellate authority referred to in sub-section (6) of section 119, and such authority may by order confirm, modify or reverse any order refusing to grant or renew a licence, or cancelling or suspending a licence, relating to this Part.

Permission to work by employees outside industrial premises.

76. (1) The State Government may permit the wetting or cutting of beedi or tobacco leaves by employees outside the industrial premises on an application made to it by the employer on behalf of such employees, subject to such conditions as may be prescribed.

(2) The employer shall maintain the record of the work permitted under sub-section (1), to be carried on outside the industrial premises, in such form as may be prescribed.

(3) Save as otherwise provided in this section, no employer shall require or allow any manufacturing process connected with the making of beedi or cigar or both to be carried on outside the industrial premises:

Provided that nothing in this sub-section shall apply to any worker who is given raw material by an employer or a contractor to make beedi or cigar or both at home.

Part not to apply to self-employed persons in private dwelling houses.

77. Nothing contained in this Part shall apply to the owner or occupier of a private dwelling house, not being an employee of an employer to whom this Part applies, who carries on any manufacturing process in such private dwelling house with the assistance of the members of his family living with him in such dwelling house and dependent on him.

Explanation.—For the purposes of this section,—

(i) "family" does not include child, as defined in the Child and Adolescent (Prohibition and Regulation) Act, 1986, for this section;

(ii) "private dwelling house" means a house in which persons engaged in the manufacture of beedi or cigar or both reside.

61 of 1986.

PART VI

BUILDING OR OTHER CONSTRUCTION WORKERS

78. No person, about whom the employer knows or has reasons to believe that he is a deaf or he has a defective vision or he has a tendency to giddiness, shall be required or allowed to work in any such operation of building or other construction work which is likely to involve a risk of any accident either to the building worker himself or to any other person.

Prohibition of employment of certain persons in certain building or other construction work.

PART VII

FACTORIES

79. (1) The appropriate Government may make rules in respect of factory or class or description of factories for—

Approval and licensing of factories.

(a) the submission of plans including specifications, nature and certification thereof;

(b) the previous permission for the site on which the factory is to be situated and for the construction or extension thereof; and

(c) subject to the provision of sub-section 119, licensing and renewal thereof including fees to be payable for such, licensing and renewal, if required, as the case may be.

(2) If on an application for permission referred to in clause (b) of sub-section (1) accompanied by the plans and specifications required by the rules made under clause (a) of that sub-section, sent to the State Government or Chief Inspector-cum-Facilitator in the electronic mode, no order is communicated to the applicant within such period not exceeding thirty days, the permission applied for in the said application shall be deemed to have been granted.

(3) Where a State Government or a Chief Inspector-cum-Facilitator refuses to grant permission to the site, construction or extension of a factory and licensing of a factory, the applicant may within thirty days of the date of such refusal appeal to the Central Government if the decision appealed from was of the State Government and to the State Government in any other case.

Explanation.—A factory shall not be deemed to be extended within the meaning of this section by reason only of the replacement of any plant or machinery or within such limits as may be prescribed, of the addition of any plant or machinery if such replacement or addition does not reduce the minimum clear space required for safe working around the plant or machinery or adversely affect the environmental conditions from the evolution or emission of steam, heat or dust or fumes injurious to health.

80. Where any premises or separate buildings are leased to different occupiers for use as separate factories, the owner of the premises and occupiers of the factories utilising such common facilities which include safety and fire prevention and protection, access, hygiene, occupational health, ventilation, temperature, emergency preparedness and response, canteens, shelter, rest rooms and crèches shall jointly and severally be responsible for provision and maintenance of such common facilities and services as may be prescribed by the appropriate Government.

Liability of owner of premises in certain circumstances.

81. (1) The appropriate Government may, by notification, declare that all or any of the provisions of this Part shall apply to any place wherein a manufacturing process is carried on with or without the aid of power or is ordinarily carried on irrespective of the number of workers working in the factory.

Power to apply Code to certain premises.

(2) After a place is so declared, it shall be deemed to be a factory for the purposes of this Code, and the owner shall be deemed to be the occupier, and any person working therein, a worker.

Explanation.—For the purposes of this section, "owner" shall include a lessee or mortgagee with possession of the premises.

Dangerous
operations.

82. The appropriate Government may by rules make the provisions relating to any factory or class or description of factories in which manufacturing process or operation is carried on which exposes any of the persons employed in it to a serious risk of bodily injury, poisoning or disease, for—

(a) specifying the manufacturing process or operation and declaring it to be dangerous;

(b) prohibiting or restricting the employment of pregnant women in the manufacturing process or operation;

(c) the periodical medical examination before, or at any time during the employment to ascertain the fitness of a worker or employee for such employment on the cost of the occupier; and

(d) welfare amenities, sanitary facilities, protective equipment and clothing, and any other requirement necessary for dangerous operations.

Constitution
of site
appraisal
committee.

83. (1) The appropriate Government may, constitute one or more site appraisal committees consisting of a chairman and other members, for such purpose as may be prescribed including to consider and to give recommendations on an application for grant of permission for the initial location of a factory involving a hazardous process or for the expansion of such factory.

(2) The site appraisal committee referred to in sub-section (1) shall make its recommendation within a period of thirty days of the receipt of the application for any of the purpose referred to in the said sub-section in such form, as may be prescribed.

Compulsory
disclosure
of information
by occupier.

84. (1) The occupier of every factory involving a hazardous process shall disclose in the manner prescribed by the State Government all information regarding dangers, including health hazards and the measures to overcome such hazards arising from the exposure to or handling of the materials or substances in the manufacture, transportation, storage and other processes, to the workers employed in the factory, the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator, the local authority within whose jurisdiction the factory is situate and the general public in the vicinity.

(2) The occupier shall, at the time of registering the factory involving a hazardous process, lay down a detailed policy with respect to the health and safety of the workers employed therein and intimate such policy to the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator and the local authority and, thereafter, at such intervals as may be prescribed by the State Government, inform the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator and the local authority of any change made in the said policy.

(3) The information furnished under sub-section (1) shall include accurate information as to the quantity, specifications and other characteristics of wastes and the manner of their disposal.

(4) Every occupier shall, with the approval of the Chief Inspector-cum-Facilitator, draw up an on-site emergency plan and detailed disaster control measures for his factory and make known to the workers employed therein and to the general public living in the vicinity of the factory the safety measures required to be taken in the event of an accident taking place.

(5) Every occupier of a factory shall, if such factory proposes to engage in a hazardous process at any time after the commencement of this Code, within a period of thirty days before the commencement of such process, inform the Chief Inspector-cum-Facilitator about the nature and details of the process in such form and in such manner as may be prescribed by the State Government.

(6) Where any occupier of a factory contravenes the provisions of sub-section (5), the licence issued under section 79 to such factory shall, notwithstanding any penalty to which the occupier of factory shall be subjected to under the provisions of this Code, be liable for cancellation.

(7) The occupier of a factory involving a hazardous process shall, with the previous approval of the Chief Inspector-cum-Facilitator, lay down measures for the handling, usage, transportation and storage of hazardous substances inside the factory premises and the disposal of such substances outside the factory premises and publicise them in the manner prescribed by the State Government among the workers and the general public living in the vicinity.

85. Every occupier of a factory involving any hazardous process shall—

Specific responsibility of the occupier in relation to hazardous processes.

(a) maintain accurate and up-to-date health records or, as the case may be, medical records, of the workers in the factory who are exposed to any chemical, toxic or any other harmful substances which are manufactured, stored, handled or transported and such records shall be accessible to the workers subject to such conditions as may be prescribed by the State Government;

(b) appoint persons who possess prescribed qualifications and experience in handling hazardous substances and are competent to supervise such handling within the factory and to provide at the working place all the necessary facilities for protecting the workers in the manner prescribed by the State Government:

Provided that where any question arises as to the qualifications and experience of a person so appointed, the decision of the Chief Inspector-cum-Facilitator shall be final;

(c) provide for medical examination of every worker—

(i) before such worker is assigned to a job involving the handling of, or working with, a hazardous substance; and

(ii) while continuing in such job, and after he has ceased to work in such job, at intervals not exceeding twelve months, in such manner as may be prescribed by the State Government.

86. (1) The Central Government may, in the event of the occurrence of an extraordinary situation involving a factory engaged in a hazardous process, direct the National Board to inquire into the standards of health and safety observed in the factory with a view to finding out the causes of any failure or neglect in the adoption of any measures or standards prescribed by the State Government for the health and safety of the workers employed in the factory or the general public affected, or likely to be affected due to such failure or neglect and for the prevention of recurrence of such extraordinary situations in future in such factory or elsewhere.

National Board to inquire into certain situations.

(2) The recommendations of the National Board shall be advisory in the nature.

87. (1) Where the Central Government is satisfied that no standards of safety have been prescribed in respect of a hazardous process or class of hazardous processes, or where the standards so prescribed are inadequate, it may direct the Directorate General Occupational Safety and Health formerly known as the Directorate General of Factory Advice Service and Labour Institutes or any Institution authorised in matters relating to standards of safety in hazardous processes, to lay down emergency standards for enforcement of suitable standards in respect of such hazardous processes.

Emergency standards.

(2) The emergency standards laid down under sub-section (1) shall, until they are incorporated in the rules made under this Code, be enforceable and have the same effect as if they had been incorporated in the rules made under this Code.

Permissible limits of exposure of chemicals and toxic substances.

88. The maximum permissible limits of exposure of chemical and toxic substances in manufacturing process in any factory shall be of the value as may be prescribed by the State Government.

Right of workers to warn about imminent danger.

89. (1) Where the workers employed in any factory engaged in a hazardous process have reasonable apprehension that there is a likelihood of imminent danger to their lives or health due to any accident, they may, bring the same to the notice of the occupier, agent, manager or any other person who is in-charge of the factory or the process concerned directly or through their representatives in the Safety Committee and simultaneously bring the same to the notice of the Inspector-cum-Facilitator.

(2) It shall be the duty of such occupier, agent, manager or the person in-charge of the factory or process to take immediate remedial action if he is satisfied about the existence of such imminent danger and send a report forthwith of the action taken to the Inspector-cum-Facilitator.

(3) If the occupier, agent, manager or the person in-charge referred to in sub-section (2) is not satisfied about the existence of any imminent danger as apprehended by the workers, he shall, nevertheless, refer the matter forthwith to the Inspector-cum-Facilitator whose decision on the question of the existence of such imminent danger shall be final.

Appeal against the order of Inspector-cum-Facilitator in case of factory.

90. The appropriate Government may prescribe provisions providing the manner in which and the appropriate authority to whom the manager or occupier of the factory may make appeal against the order of the Inspector-cum-Facilitator and the procedure for disposing of such appeals.

Power to make rules to exempt.

91. (1) The appropriate Government may make rules,—

(a) specifying the persons who hold positions of supervision or management or are employed in a confidential position in a factory or empowering the Chief Inspector-cum-Facilitator to declare any person, other than a person so specified, as a person holding position of supervision or management or employed in a confidential position in a factory if, in the opinion of the Chief Inspector-cum-Facilitator, such person holds such position or is so employed, and the provisions of this Code, shall not apply to any person so defined or declared;

(b) in respect of any worker or class of workers in any establishment or class of establishment, for providing the exemption, extent of exemption and conditions subject to which such exemption may be given.

(2) The appropriate Government or the Chief Inspector-cum-Facilitator may, by order in writing, exempt subject to such conditions as it may deem expedient, any or all of the adult workers in any establishment or class of establishments.

PART VIII

PLANTATION

Facilities for workers in plantation.

92. (1) Without prejudice to the generality of sections 23 and 24, the State Government may prescribe requiring every employer to make provisions in his plantation for—

(a) necessary housing accommodation including drinking water, kitchen and toilet to every worker employed in the plantation (including his family);

(b) crèches facilities where in the plantation fifty or more workers (including workers employed by any contractor) are employed or were employed on any day of the preceding twelve months:

Provided that,—

(i) an establishment may avail common crèche facility of the Central Government, State Government, municipality or private entity or provided by non-Governmental organisation or by any other organisation; or

(ii) a group of establishments may agree to pool their resources for setting up of common crèche;

(c) educational facilities for the children of the workers employed in the plantation where the children between the ages of six to twelve of the workers exceed twenty-five in number;

(d) health facilities to every worker employed in the plantation (including his family) or provide coverage under the Employees State Insurance Act, 1948; and

(e) recreational facilities for the workers employed in the plantation.

34 of 1948.

(2) An employer of a plantation shall be responsible to provide and maintain welfare facilities for which the workers in the plantation are entitled under this Code either from his own resources or through the schemes of the Central Government or State Government, Municipality or Panchayat for the locality in which the plantation is situated.

Explanation.—For the purposes of this sub-section—

(i) the expression "Municipality" has the same meaning as assigned to it in clause (e) of article 243 of the Constitution; and

(ii) the expression "Panchayat" has the same meaning as assigned to it in clause (d) of article 243 of the Constitution.

93. (1) In every plantation, arrangement shall be made by the employer to provide for the safety of a worker in connection with the use, handling, storage and transport of insecticides, pesticides and chemicals and toxic substances. Safety.

(2) The State Government may prescribe for special safeguards for employment of women or adolescents in using or handling hazardous chemicals.

(3) The employer of a plantation shall appoint persons possessing the prescribed qualifications to supervise the use, handling, storage and transportation of insecticides, chemicals and toxic substances in his plantation.

(4) Every employer of a plantation shall ensure that every worker in plantation employed for handling, mixing, blending and applying insecticides, chemicals and toxic substances, is trained about the hazards involved in different operations in which he is engaged, the various safety measures and safe work practices to be adopted in emergencies arising from spillage of such insecticides, chemicals and toxic substances and such other matters as may be prescribed by the State Government.

(5) Every worker in a plantation who is exposed to insecticides, pesticides, chemicals and toxic substances shall be medically examined periodically, in such manner as may be prescribed by the State Government.

(6) Every employer of a plantation shall maintain health record of every worker in plantation who is exposed to insecticides, pesticides, chemicals and toxic substances which are used, handled, stored or transported in a plantation, and every such worker shall have access to such record.

(7) Every employer of a plantation shall provide—

(a) washing, bathing and clock room facilities; and

(b) protective clothing and equipment,

to every worker engaged in the handling insecticides, pesticides, chemicals and toxic substances in such manner as may be prescribed by the State Government.

(8) Every employer of a plantation shall display in the plantation, a list of permissible concentrations of insecticides, pesticides, chemicals and toxic substances in the breathing zone of the workers engaged in the handling and application of insecticides, pesticides, chemicals and toxic substances in the plantation.

(9) Every employer of a plantation shall exhibit such precautionary notices in the plantation as may be prescribed by the State Government indicating the hazards of insecticides, pesticides, chemicals and toxic substances.

CHAPTER XII

OFFENCES AND PENALTIES

General
penalty for
offences.

94. Save as otherwise expressly provided in this Code, if in, or in respect of, any establishment, there is any contravention of the provisions of this Code or regulations or rules, or bye-laws or any of standards, made thereunder or of any order in writing given under this Code or such regulations or rules or bye-laws or standards, the employer or the principal employer of the establishment, as the case may be, shall be liable to penalty which shall not be less than two lakhs rupees but which may extend up to three lakh rupees, and if the contravention is continued after the conviction, then, with further penalty which may extend to two thousand rupees for each day till such contravention continues.

Punishment
for causing
obstruction to
Chief
Inspector-
cum-
Facilitator or
Inspector-cum-
Facilitator,
etc.

95. (1) Whoever wilfully—

(i) prevents or causes obstruction to a Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator or an officer of the appropriate Government or a person authorised to discharge any duty or to exercise any powers under this Code or the rules or the regulations or the bye-laws made thereunder, from discharging such duty or exercising such power; or

(ii) refuses entry to the Chief Inspector-cum-Facilitator or the Inspector-cum-Facilitator or person or public authority referred to in clause (i) of sub-section (1) of section 35 or expert referred to in section 37, to any place where such Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator or such person or authority or expert is entitled to enter; or

(iii) fails or refuses to produce any document which he is required to produce; or

(iv) fails to comply with any requisition or order issued to him,

under this Code or the rules, regulations or bye-laws made thereunder he shall be punishable with imprisonment for a term which may extend to three months, or with fine which may extend to one lakh rupees, or with both.

(2) Where any person convicted of an offence punishable under sub-section (1) is again convicted of an offence under the same provision, then, he shall be punishable with imprisonment for a term which may extend to six months, or with fine which shall not be less than one lakh rupees but which may extend to two lakh rupees, or with both.

Penalty for
non-
maintenance
of register,
records and
non-filing of
returns, etc.

96. (1) Any person, who is required under this Code or the rules or regulations or bye-laws or order made thereunder, to—

(i) maintain any register or other document or to file returns, omits or fails to maintain such register or document or to file such returns; or

(ii) produce any register or plan or record or report or any other document, omits or fails to produce such register or plan or record or report or such other document,

he shall be liable to penalty which shall not be less than fifty thousand rupees but which may extend to one lakh rupees.

(2) Where any person convicted of an offence punishable under sub-section (1) is again convicted of an offence under the same provision, then, he shall be liable to penalty which shall not be less than fifty thousand rupees but which may extend to two lakh rupees.

97. (1) Any person, who, save as permitted by or under this Code, contravenes, any—

Punishment
for
contravention
of certain
provisions.

(i) provision of this Code or of any rule, regulation or bye-laws; or

(ii) order made under this Code prohibiting, restricting or regulating the employment of workers including women, audio-visual worker and contract labour and employee below eighteen years of age in case of mines,

he shall be liable to penalty which shall not be less than fifty thousand rupees but which may extend to one lakh rupees.

(2) Where any person convicted of an offence punishable under sub-section (1) is again convicted of an offence under the same provision, then, he shall be punishable with imprisonment for a term which may extend to three months, or with fine which may extend to two lakh rupees, or with both.

98. (1) Whoever—

Punishment
for
falsification of
records, etc.

(a) produces false records or counterfeits or knowingly makes or produces or uses a false statement, declaration or evidence regarding any document in connection with compliance of any of the provisions of this Code or any rules, regulations or bye-laws or any order made thereunder; or

(b) falsifies any plan or section, the maintenance of which is required by or under this Code or produces before any authority such plan or section, knowing the same to be false; or

(c) makes, gives or delivers knowingly a false plan, section, return, notice, record or report containing a statement, entry or detail,

he shall be punishable with imprisonment for a term which may extend to three months, or with fine which may extend to one lakh rupees, or with both.

(2) Where any person convicted of an offence punishable under sub-section (1) is again convicted of an offence under the same provision, then, he shall be punishable with imprisonment for a term which may extend to six months, or with fine which shall not be less than one lakh rupees but which may extend to two lakh rupees, or with both.

99. Any person who, without reasonable excuse the burden of proving which shall lie upon him, omits to make or furnish in the prescribed form or manner or at, or within, the prescribed time any plan, section, return, notice, register, record or report required by or under any provision of this Code to be made or furnished, he shall be liable to penalty which shall not be less than one lakh rupees but which may extend to two lakh rupees.

Penalty for
omission to
furnish plans,
etc.

100. (1) Whoever being the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator or any other person referred to in section 39 or section 121 discloses, contrary to the provisions of that section, any such information as is referred to in that section without the consent of the appropriate Government, he shall be punishable with imprisonment for a term which may extend to three months, or with fine which may extend to one lakh rupees, or with both.

Punishment
for disclosure
of
information.

(2) No court shall proceed with the trial of any offence under this section except with the previous sanction of the appropriate Government.

Punishment
for wrongfully
disclosing
results of
analysis.

101. Whoever, except in so far as it may be necessary for the purposes of a prosecution for any offence punishable under this Code, publishes or discloses to any person the results of an analysis, of a sample of substance used or intended to be used in any process under this Code, shall be punishable with imprisonment for a term, which may extend to six months, or with fine, which may extend to fifty thousand rupees, or with both.

Punishment
for
contravention
of provisions
of duties
relating to
hazardous
processes.

102. (1) Whoever fails to comply with or contravenes any of his duties specified under—

(i) clauses (a) to (h) of sub-section (1) or sub-section (2) of section 6 or clause (d) of section 13 in so far as such duty relates to hazardous processes; or

(ii) section 80,

shall, in respect of such failure or contravention, be punishable with an imprisonment for a term which may extend to two years and with fine which may extend to five lakh rupees, and in case the failure or contravention continues, with additional fine which may extend to twenty-five thousand rupees for every day during which such failure or contravention continues, after the conviction for the first such failure or contravention.

(2) If the failure or contravention referred to in sub-section (1) continues beyond a period of one year after the date of conviction, the offender shall be punishable with imprisonment for a term which may extend to three years or with a fine of twenty lakh rupees, or with both.

Punishment
for
contravention
of provisions
of duties
relating to
safety
provisions
resulting in an
accident.

103. (1) If a person fails to comply with or contravenes any duties under this Code or the regulations, rules, bye-laws or orders made thereunder and such non-compliance or contravention has resulted in an accident or dangerous occurrences causing—

(a) death, he shall be punishable with imprisonment for a term which may extend to two years, or with a fine which shall not be less than five lakh rupees, or with both; or

(b) serious bodily injury to any person within the establishment, he shall be punishable with imprisonment for a term which may extend to one year, or with a fine which shall not be less than two lakh rupees but not exceeding four lakh rupees, or with both:

Provided that while imposing the fine under this section, the court may direct that a portion of the fine, which shall not be less than fifty per cent. thereof, shall be given as compensation to the victim or to the legal heirs of the victim, in the case of his death.

(2) Where a person having been convicted under sub-section (1) is again convicted thereunder, shall be punishable with double the punishment provided under that sub-section for first conviction.

Special
provision for
contravention
of order under
section 38.

104. Whoever continues to work in contravention of any general or special order issued under the provisions of section 38, shall be punishable with imprisonment for a term which may extend to two years and shall also be liable to fine which may extend to five lakh rupees:

Provided that the court shall not impose a fine under this section which shall be less than two lakh rupees without recording in the judgment the reasons for imposing such fine.

Failure to
appoint
manager in
mine.

105. Whoever in compliance of the provisions of section 67, fails to appoint a manager shall be punishable with imprisonment for a term which may extend to three months, or with fine which may extend to one lakh rupees, or with both.

106. (1) Subject to the provisions of section 13, except clause (d) thereof, if any employee employed in a workplace contravenes any provision of this Code or any rules or orders made thereunder, imposing any duty or liability on employee, he shall be punishable with penalty which may extend to ten thousand rupees.

Offences by employees.

(2) Where an employee is convicted of an offence punishable under sub-section (1), the employer of the establishment shall not be deemed to be guilty of an offence in respect of that contravention, unless it is proved that he failed to take all reasonable measures for its prevention.

107. No prosecution shall be instituted against any owner, agent or manager of a mine for any offence under this Code except at the instance of the Chief Inspector-cum-Facilitator or of the District Magistrate or of Inspector-cum-Facilitator authorised in this behalf by general or special order in writing by the Chief Inspector-cum-Facilitator:

Prosecution of owner, agent or manager of mine.

Provided that the Chief Inspector-cum-Facilitator or the District Magistrate or the Inspector-cum-Facilitator as so authorised shall before instituting such prosecution satisfy himself that the owner, agent or manager of a mine had failed to exercise due diligence to prevent the commission of such offence:

Provided further that in respect of an offence committed in the course of the technical direction and management of a mine, the District Magistrate shall not institute any prosecution against an owner, agent or manager of a mine without the previous approval of the Chief Inspector-cum-Facilitator.

108. Where the owner, agent or manager of the mine or employer or occupier of the factory is charged with an offence punishable under this Code he shall be entitled, upon complaint duly made by him and on giving to the prosecutor not less than three clear days' notice in writing of his intention so to do, to have any other person whom he charges as the actual offender brought before the Court at the time appointed for hearing the charge; and if, after the commission of the offence has been proved, the owner, agent or manager of the mine or occupier or manager of the factory, as the case may be, proves to the satisfaction of the Court—

Exemption of owner, agent or manager of mine or occupier of factory from liability in certain cases.

(a) that he has exercised due diligence to enforce the execution of this Code, or

(b) that the said other person committed the offence in question without his knowledge, consent or connivance,

that other person shall be convicted of the offence and shall be liable to the like punishment as if he was the owner, agent or manager of the mine or occupier or manager of the factory, as the case may be, and the owner, agent or manager of a mine or the occupier or the manager of the factory shall be, discharged from any liability under this Code in respect of such offence:

Provided that in seeking to prove as aforesaid the owner, agent or manager of a mine or the occupier or manager of the factory, as the case may be, may be examined on oath, and his evidence and that of any witness whom he calls in his support, shall be subject to cross-examination on behalf of the person he charges as the actual offender and by the prosecutor:

Provided further that, if the person charged as the actual offender by the owner, agent or manager of the mine or occupier or manager of the factory, as the case may be, cannot be brought before the court at the time appointed for hearing the charge, the court shall adjourn the hearing from time to time for a period not exceeding three months and if by the end of the said period the person charged as the actual offender cannot still be brought before the court, the court shall proceed to hear the charge against the owner, agent or manager of the mine or occupier or manager of the factory, as the case may be, and shall, if the offence be proved, convict him.

Offences by
companies,
etc.

109. (1) Where an offence under this Code has been committed by a company, every person who, at the time the offence was committed, was in charge of, and was responsible to, the company for the conduct of the business of the company, as well as the company, shall be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly:

Provided that nothing contained in this sub-section shall render any such person liable to any punishment, if he proves that the offence was committed without his knowledge or that he had exercised all due diligence to prevent the commission of such offence.

(2) Notwithstanding anything contained in sub-section (1) where any offence under this Code has been committed by a company and it is proved that the offence has been committed with the consent or connivance of, or is attributable to any neglect on the part of any director, manager, company secretary or other officer of the company, such director, manager, company secretary or other officer shall be deemed to be guilty of that offence and shall be liable to be proceeded against and punished accordingly.

Explanation.—For the purposes of this section,—

(a) "company" means any body corporate and includes a firm or other association of individuals; and

(b) "director" means,—

(i) in relation to a firm a partner thereof; or

(ii) the owner of a mine being a firm or other association of individuals or a company; or

(iii) in case of association of individuals other than specified in sub-clause (ii), any of its members.

Limitation of
prosecution
and
cognizance of
offences.

110. (1) Notwithstanding anything contained in this Chapter, the Inspector-cum-Facilitator shall, not initiate prosecution proceeding against an employer for any offence under this Chapter, give an opportunity to comply with relevant provisions of this Act within a period of thirty days from the date of notice giving opportunity, and, if the employer complies with such provisions within such period, then, no such proceeding shall be initiated against such employer:

Provided that no such opportunity shall be accorded to an employer in case of an accident and if the violation of the same nature of the provisions under this Code is repeated within a period of three years from the date on which such first violation was committed and in such case the prosecution shall be initiated in accordance with provisions of sub-section (2).

(2) No court shall take cognizance of any offence punishable under this Code, unless a complaint in respect thereof is made within six months of the date on which the alleged commission of the offence came to the knowledge of the Inspector-cum-Facilitator and a complaint is filed in that regard by him.

(3) No court inferior to that of a Metropolitan Magistrate or a Judicial Magistrate of the First Class shall try any offence punishable under this Code.

Explanation.—For the purposes of this section,—

(a) in the case of a continuing offence, the period of limitation shall be computed with reference to every point of time during which the offence continues;

(b) where for the performance of any act, time is granted or extended on an application made by the employer of an establishment, the period of limitation shall be computed from the date on which the time so granted or extended expired.

111. (1) Notwithstanding anything contained in section 110, for the purpose of imposing penalty under sub-section (3) of section 12 or sections 94, 96, 97, 99, 106 and sub-section (3) of section 114, the appropriate Government may appoint any officer not below the rank of Under Secretary to the Government of India or an officer of equivalent rank in the State Government, as the case may be, for holding enquiry in such manner, as may be prescribed by the Central Government.

Power of officers of appropriate Government to impose penalty in certain cases.

(2) While holding the enquiry, the officer referred to in sub-section (1) shall have the power to summon and enforce attendance of any person acquainted with the facts and circumstances of the case to give evidence or to produce any document, which in the opinion of such officer, may be useful for or relevant to the subject-matter of the enquiry and if, on such enquiry, he is satisfied that the person has committed any offence under the provisions referred to in sub-section (1), he may impose such penalty as he thinks fit in accordance with the provisions of that sub-section.

(3) Any person aggrieved by an order made by the officer under sub-section (2) may prefer an appeal, in such form and manner and accompanied by such fee as may be prescribed, to the appellate authority to be appointed by the appropriate Government from amongst officers not below the rank of Deputy Secretary to the Government of India or an officer of equivalent rank in the State Government, as the case may be, within sixty days from the date on which the copy of the order made by the officer referred in sub-section (1) is received by the aggrieved person.

(4) The appellate authority may, after giving the parties to the appeal an opportunity of being heard, pass such order as he thinks fit, confirming, modifying or setting aside the order appealed against, within a period of sixty days from the date of receipt of appeal.

(5) Where a person fails to pay the penalty so imposed within a period of ninety days from the date of receipt of the copy of the order, he shall be punishable with fine which shall not be less than twenty-five thousand rupees but which may extend up to two lakh rupees.

(6) The amount of penalty imposed and received under this section shall be credited to the fund established under sub-section (1) of section 115.

112. For the purposes of conferring jurisdiction on any court in relation to an offence under this Code or the rules, regulation or bye-laws made thereunder in connection with an establishment, the place where the establishment is for the time being situated, shall be deemed to be the place where such offence has been committed.

Jurisdiction of court for entertaining proceedings, etc., for offence.

113. (1) Where the employer of a mine or a factory or a dock is convicted of an offence punishable under this Code, the court may, in addition to awarding him any punishment, by order in writing, require him within the period specified in the order (which may be extended by the court from time to time on application made in this behalf) to take such measures as may be specified in the order for remedying the matters in respect of which the offence was committed.

Power of court to make orders.

(2) Where an order is made under sub-section (1), the employer of the mine or the factory shall not be liable under this Code in respect of the continuance of the offence during the period or extended period, if any, but if on the expiry of such period or extended period the order of the court has not been fully complied with, employer shall be deemed to have committed a further offence and shall be punishable with imprisonment for a term which may extend to six months, or with fine which may extend to one hundred rupees for every day after such expiry on which the order has not been complied with, or with both.

114. (1) Notwithstanding anything contained in the Code of Criminal Procedure, 1973, any penalty under sub-section (3) of section 12 or section 94 or section 96 or sub-section (1) of section 97 or section 99 or section 106 or sub-section (3) or any offence

Composition of certain offences.

under sub-section (2) of section 97 or sub-section (1) of section 100 or section 101 or clause (b) of sub-section (1) of section 103 or section 105 or sub-section (2) of section 113 may either before or after the holding the enquiry or, as the case may be, of institution of prosecution may be compounded by such officer of the appropriate Government as may be notified by that Government in the manner as may be prescribed by it—

(a) in a case of penalty for a sum of fifty per cent. of the maximum penalty provided for such penalty; and

(b) in a case of offence for a sum of seventy-five per cent. of the maximum fine provided for such offence.

(2) Where a penalty or an offence has been compounded under sub-section (1), the person liable for penalty or the offender, as the case may be, shall be discharged of the penalty or offence and there shall be no further proceedings against him in respect of such penalty or offence.

(3) Any person who fails to comply with an order made by the officer referred to in sub-section (1), shall be liable to pay a penalty equivalent to twenty per cent. of the maximum penalty or fine provided for the penalty or the offence, as the case may be, in addition to the penalty or fine.

(4) The amount of composition received under sub-section (1) shall be credited to the fund established under sub-section (1) of section 115 for the unorganised workers.

(5) Nothing contained in sub-section (1) shall apply to a penalty or an offence committed by a person for a second or subsequent time within a period of three years from the date of penalty or offence, as the case may be,—

(a) which was earlier compounded; or

(b) for which such person was earlier convicted.

CHAPTER XIII

SOCIAL SECURITY FUND

Social security fund.

115. (1) There shall be established by the appropriate Government a social security fund for the welfare of the unorganised workers to which there shall be credited the amount received from composition of the offence as specified in sub-section (4) of section 114 and the amount of the penalty as specified in sub-section (6) of section 111.

(2) The fund may also be funded by such other sources as may be prescribed by the appropriate Government.

(3) The fund shall be administered and expended for welfare of the unorganised workers in such manner as may be prescribed by the appropriate Government including the transfer of the amount in the fund to any fund established under any other law for the time being in force for the welfare of the unorganised workers.

Explanation.—For the purpose of this section the expression "unorganised worker" shall have the same meaning as is assigned to it under clause (m) of section 2 of the Unorganised Workers Social Security Act, 2008.

33 of 2008.

CHAPTER XIV

MISCELLANEOUS

Delegation of powers.

116. The Central Government may, by notification, direct that any power exercisable by it under this Code or rules made thereunder shall, in relation to such matters and subject to such conditions, if any, as may be specified in the notification, be exercisable also by the State Government or by such officer or authority subordinate to the State Government as may be specified in the said notification.

117. (1) When any offence is committed under this Code involving an issue of a certain age of a person and such person is in the opinion of the court *prima facie* under such age, the burden shall be on the accused to prove that such person is not under such age.

Onus as to age.

(2) The medical authority prescribed by the Central Government shall, while examining a worker for issuing the certificate of age for the purposes of this Code, take into account the Aadhaar card of the worker, and in the absence thereof, the date of birth certificate from school or the matriculation or equivalent certificate from the concerned examination Board of the worker, if available, and in the absence thereof, the birth certificate of the worker given by a corporation or a municipal authority or a Panchayat, and only in the absence of any of the methods specified in this sub-section, the age shall be determined by such medical authority through an ossification test or any other latest medical age determination test.

118. In any proceeding for an offence for the contravention of any provision of this Code or regulations or bye-laws or rules made thereunder consisting of a failure to comply with a duty or requirement to do something, it shall be for the person who is alleged to have failed to comply with such duty or requirement, to prove that it was not reasonably practicable or all practicable measures were taken to satisfy the duty or requirement.

Onus of proving limits of what is practicable, etc.

119. (1) Notwithstanding anything contained in this Code, any person desirous of obtaining common licence in respect of a factory, industrial premises for *beedi* and cigar work and for engaging contract workers or any combination thereof or single licence for any one of them under this Code shall make an application electronically or otherwise to such authority as may be designated, by notification, by the appropriate Government.

Common licence for contractor, factories and to industrial premises, etc.

(2) The application under sub-section (1),—

(a) shall be in such form and filed in such manner and accompanied by such fee and contain such information as may be prescribed by the appropriate Government;

(b) shall, in so far as it relates to the licence for engaging contract labours, contain the number of inter-State migrant workers employed.

(3) On receipt of an application under sub-section (1), the authority referred to in that sub-section shall take such actions in such manner and make such inquiry as may be prescribed by the appropriate Government.

(4) Where the authority referred to in sub-section (1) is satisfied that the common licence may be issued in respect of a factory, industrial premises for *beedi* and cigar work and for engaging contract workers or any combination thereof or single licence for any one of them under this Code, such authority shall issue a licence electronically within forty-five days of the receipt of application failing which the licence shall be deemed to be issued and shall be auto generated and the responsibility of such failure shall be on such authority:

Provided that where the licence is deemed to be issued, no further inquiry shall be made:

Provided further that the form of licence shall, as far as practicable, be similar throughout India:

Provided also that where such authority rejects the application he shall assign the reason for such rejection.

(5) Notwithstanding anything contained in this Code, any licence in respect of a factory, industrial premises for *beedi* and cigar work and for engaging contract labour has been obtained under any Central labour law before the commencement of this Code, in respect of any establishment shall be deemed to have been obtained under the provisions of this Code and shall be valid for the period for which it was issued and shall have to be obtained afresh after its expiration.

(6) Any person aggrieved by an order passed under this section by the authority referred to in sub-section (1) may file, within thirty days from the date of the order, an appeal in such form, accompanied with such fee to such appellate authority as may be prescribed by the appropriate Government and the appeal shall be disposed of electronically within thirty days of the filing of the appeal.

Effect of law and agreements inconsistent with Code.

120. (1) The provisions of this Code shall have effect notwithstanding anything inconsistent therewith contained in any other law for the time being in force or in the terms of any award, agreement or contract of service whether made before or after the commencement of this Code:

Provided that where under any such award, agreement, contract of service or otherwise an employee is entitled to benefits in respect of any matters which are more favourable to him than those to which he will be entitled to under this Code, the employee shall continue to get the former notwithstanding that he receives benefits in respect of other matters under this Code.

(2) Nothing contained in this Code shall be construed as precluding any employee from entering into an agreement with an employer for granting him rights or privileges in respect of any matter which are more favourable to him than those to which he would be entitled under this Code.

Power of appropriate Government to direct inquiry in certain cases.

121. (1) The appropriate Government may, in the event of the occurrence of an accident in an establishment which has caused or had the potentiality to cause serious danger to employees and other persons within, and in the vicinity of the workplace or whether immediate or delayed, or any occupational disease as specified in the Third Schedule, which has been or is suspected to have been contracted, in epidemic proportions, appoint one or more persons possessing legal or special knowledge to act as assessors or competent persons in such inquiry in order to inquire into the causes of the accident and disease, fix responsibilities and suggest a plan of action for the future to prevent such accidents or diseases and submit the report to the appropriate Government.

(2) The appropriate Government may direct a Chief Inspector-cum-Facilitator or any other officer under the control of the Government concerned or appoint a committee to undertake a survey in such manner as may be prescribed by the appropriate Government on the situation relating to safety or health at work at any workplace or class of workplaces or into the effect of work activity on the health of the employees and other persons within and in the vicinity of the workplace.

(3) The officer directed or committee appointed, under sub-section (1) or sub-section (2), to hold an inquiry, shall have the powers of a civil court under the Code of Civil Procedure, 1908, for the purposes of enforcing the attendance of witnesses and compelling the production of documents and material objects, and may also so far as may be necessary for the purposes of the inquiry, exercise such powers of an Inspector-cum-Facilitator under this Code as may be necessary.

5 of 1908.

(4) The Central Government may make rules for regulating the procedure of inquiry and survey and other related matters under this section.

Publication of reports.

122. The appropriate Government may, if it thinks fit, cause to be published any report submitted to it by the National Board or State Advisory Board or any extracts from any report submitted to it under this Code.

Powers of Central Government to give directions.

123. The Central Government may give directions to a State Government for the implementation of the provisions of this Code.

General restriction on disclosure of information.

124. (1) No person shall in respect of the establishment, disclose any information relating to any manufacturing or commercial business or any working process which may come to his knowledge in the course of his official duties.

(2) Nothing in sub-section (1) shall apply to any disclosure of information made with the previous consent in writing of the owner of the business or process or for the purposes of any legal proceeding (including adjudication or arbitration), pursuant to any of the relevant statutory provisions or of any criminal proceeding under this Code which may be taken, whether pursuant to any of the relevant statutory provisions or otherwise, or for the purposes of any report of any such proceedings.

125. No civil court shall have jurisdiction in respect of any matter to which any provision of this Code applies and no injunction shall be granted by any civil court in respect of anything which is done or intended to be done by or under this Code.

Jurisdiction of civil courts barred.

126. (1) No suit, prosecution or other legal proceeding shall lie against any person for anything which is in good faith done or intended to be done in pursuance of this Code or any rule or regulation or bye-laws or order made thereunder.

Protection of action taken in good faith.

(2) No prosecution or other legal proceeding shall lie against the Government, any Board or committees constituted under this Code or any member of such Board or any officer or employee of the Government or the Board or any other person authorised by the Government or any Board or committee, for any damage caused or likely to be caused by anything which is in good faith done or intended to be done in pursuance of this Code or any rule or regulation or bye-laws or order made or issued thereunder.

127. (1) The appropriate Government may, by notification and subject to such conditions and restrictions, if any, and for such period or periods as may be specified in the notification, direct that all or any of the provisions of this Code or the rules or the regulations made thereunder shall not apply to or in relation to any establishment or class of establishments.

Power to exempt in special cases.

(2) Without prejudice to the generality of sub-section (1), where the State Government is satisfied in the public interest that it is necessary to create more economic activities and employment opportunities, it may, by notification, exempt, subject to such conditions as it may think fit, any new factory or class or description of new factories from all or any of the provisions of this Code for such period from the date on which such commercial production starts, as may be specified in the notification:

Provided that any notification issued by a State Government under the Factories Act, 1948 for the time being in force in the State prior to the commencement of this Code to achieve the same purpose as is specified in this sub-section, shall remain in force after such commencement for its remaining period as if the provisions of this Code, to the extent they defeat any purpose to be achieved by such notification issued by the State Government, were not in force.

63 of 1948.

Explanation.—For the purpose of this sub-section, the expression "new factory or class or description of new Factories" means such factory or class or description of Factories which are established and whose commercial production start within such period as may be specified in the notification.

128. In case of a public emergency or disaster or pandemic in whole of India or part thereof, the appropriate Government may, by notification, exempt any workplace or work activity or class thereof from all or any of the provisions of this Code for such period and subject to such conditions as it may think fit:

Power to exempt during public emergency.

Provided that no such notification shall be made for a period exceeding one year at a time.

Explanation.—For the purposes of this section "public emergency" means a grave emergency whereby the security of India or any part of the territory thereof is threatened, whether by war or external aggression or internal disturbance.

Power to exempt public institution.

129. The appropriate Government may exempt, subject to such conditions as it may consider necessary, any workshop or workplace where a manufacturing process is carried on and which is attached to a public institution maintained for the purposes of education, training, research or information, from all or any of the provisions of this Code:

Provided that no such exemption shall be granted from the provisions relating to hours of work and holidays unless the persons having the control of the institution submit, for the approval of the appropriate Government, a scheme of the regulation of the hours of employment, intervals for meals, and holidays of the persons employed in or attending the institution or who are inmates for the institution, and the appropriate Government is satisfied that the provisions of the scheme are not less favourable than the corresponding provisions of this Code.

Persons required to give notice, etc., legally bound to do so.

130. Every person required to give any notice or to furnish any information to any authority in relation to the provisions of this Code shall be legally bound to do so within the meaning of section 176 of the Indian Penal Code.

45 of 1860.

Power of Central Government to amend Schedule.

131. The Central Government may, by notification, amend any Schedule by way of addition, alteration or omission therein and on any such notification being issued, the Schedule shall be deemed to be amended accordingly.

Power to remove difficulties.

132. (1) If any difficulty arises in giving effect to the provisions of this Code, the Central Government may, by order published in the Official Gazette, make such provisions not inconsistent with the provisions of this Code, as appears to it to be necessary or expedient for removing the difficulty:

Provided that no such order shall be made after the expiry of two years from the date on which this Code comes into force.

(2) Every order made under this section shall, as soon as may be after it is made, be laid before each House of Parliament.

Power of appropriate Government to make rules.

133. (1) The appropriate Government may, subject to the condition of previous publication and by notification, make rules for carrying out the purposes of this Code.

(2) In particular and without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely:—

(a) income from the sources under *Explanation* to clause (x) of sub-section (1) of section 2;

(b) substance or quantity of substance under clause (zb) of sub-section (1) of section 2;

(c) the late fee under the proviso to sub-section (1) of section 3;

(d) the manner of submitting application under sub-section (2) of section 3 and the form of such application and the particulars to be contained therein and the fees to be accompanied therewith;

(e) the form and manner of sending the notice and the authority to whom the notice shall be sent and the manner of intimating the authority under sub-section (1) of section 5;

(f) annual health examination or test free of costs, age of employees or class of employees or establishment or class of establishments under clause (c) of sub-section (1) of section 6;

(g) the information to be included in the letter of appointment and the form of such letter under clause (f) of sub-section (1) of section 6;

(h) the nature of bodily injury and the manner of notice and the time within which the notice shall be sent and the authority to which notice shall be sent under sub-section (1) of section 10;

(i) nature of dangerous occurrence and the form of notice, the time within which and the authority to which notice shall be sent under section 11;

(j) the form of notice related to certain diseases and the time within which the notice shall be sent and the authority to which the notice shall be sent under sub-section (1) of section 12;

(k) the form and manner of the report and the time within which such report shall be sent to the office of the Chief Inspector-cum-Facilitator under sub-section (2) of section 12;

(l) manner of making report by employee under clause (d) and other duties of employees under clause (g) of section 13;

(m) manner of sending report of action taken under sub-section (3) of section 14;

(n) the manner of constituting a safety committee and the manner and the purpose for choosing the representative of the workers in the Safety Committee under sub-section (1) of section 22;

(o) the qualifications, duties and number of safety officers under sub-section (2) of section 22;

(p) conditions for exemption of workers from weekly and compensatory holidays under sub-section (2) of section 26;

(q) the total number of overtime under second proviso to section 27;

(r) circumstances for exemption from restriction on double employment in factory and mine under section 30;

(s) the form of notice and manner of display of such notice and the manner in which such notice shall be sent to the Inspector-cum-Facilitator under sub-section (2) of section 31;

(t) the form of register and particulars of workers under clause (a) of section 33;

(u) the manner and form of displaying notices under clause (b) of section 33;

(v) return, manner of filing the return and periods of filing return to the Inspector-cum-Facilitator under clause (d) of section 33;

(w) the qualification and experience of Chief Inspector-cum-Facilitator under sub-section (5) of section 34;

(x) the manner of taking samples of any article or substance found in any premises and air of atmosphere under clause (x) of sub-section (1) of section 35;

(y) the other powers and duties under clause (xiv) of sub-section (1) of section 35;

(z) the specialised qualification and experience, duties and responsibilities of experts to be empanelled under section 37;

(za) the manner of providing alternative employment under sub-clause (d) of clause (A) of sub-section (1) of section 38;

(zb) the qualification for the appointment of medical practitioner and other establishment under sub-section (1) of section 42;

(zc) other establishment engaged in the dangerous occupation or processes under clause (a) of sub-section (2) of section 42;

(zd) medical supervision and other establishment under clause (b) of sub-section (2) of section 42;

(ze) other establishment under clause (c) of sub-section (2) of section 42;

(zf) conditions relating to safety, holidays and working hours or any other condition to be observed by the employer under section 43;

(zg) the manner of requiring the employer to provide the adequate safeguards under section 44;

(zh) conditions including, in particular, conditions as to hours of work, fixation of wages and other essential amenities in respect of contract labour under clause (a) of sub-section (3) of section 47;

(zi) the form and manner of application and the particulars which such application shall contain regarding the number of contract labour, nature of work for which contract labour is to be employed and other particulars including the information relating to the employment of inter-State migrant workers under sub-section (1) of section 48;

(zj) the procedure under sub-section (2) of section 48;

(zk) manner of applying for the renewal of licence and the manner of renewal of licence under sub-section (3) of section 48;

(zl) responsibility of the contractor under sub-section (4) of section 48;

(zm) the manner of intimation of work order and time-limit for such intimation under sub-section (1) of section 50;

(zn) the manner of suspending or cancelling the licence under sub-section (2) of section 50;

(zo) the period before which the wages shall be paid under sub-section (1) of section 55;

(zp) the mode of payment of wages under proviso to sub-section (2) of section 55;

(zq) the manner of payment of wages from security deposit under sub-section (4) of section 55;

(zr) the form of issuing experience certificate under section 56;

(zs) the form and manner of making application under clause (b) of sub-section (2) of section 57;

(zt) period of making report and the period of deciding the question under clause (c) of sub-section (2) of section 57;

(zu) minimum service for entitlement, class of travel and other matters under section 61;

(zv) manner of providing facility of toll free helpline under section 63;

(zw) manner of providing for study on inter-State migrant workers under section 64;

(zx) authority to whom a copy of the agreement shall be forwarded by the producer under sub-section (3) of section 66;

(zy) details under clause (vii) of sub-section (4) of section 66;

(zz) rules in respect of factory or class or description of factories under sub-section (1) of section 79;

(zza) mode of submission of application under sub-section (2) of section 79;

(zzb) common facilities and services for joint liability of owner of premises and occupiers of the factories under section 80;

(zzc) rules under section 82;

(zzd) purposes under sub-section (1) of section 83;

(zze) form of application under sub-section (2) of section 83;

(zzf) the appellate authority for appeal against the order of Inspector-cum-Facilitator of factory and the manner of appeal under section 90;

(zzg) rules under section 91;

(zzh) manner of holding enquiry under sub-section (1) of section 111;

(zzi) form and manner of preferring appeal and the fee to accompany such appeal under sub-section (3) of section 111;

(zzj) manner of compounding under sub-section (1) of section 114;

(zzk) other sources of fund under sub-section (2) of section 115;

(zzl) the manner of administering and expending the Fund under sub-section (3) of section 115;

(zzm) the form of application, manner of filing the application and the fee to be accompanied therewith including the information relating to the employment of inter-State migrant workers under sub-section (2) of section 119;

(zzn) actions, manner of taking actions and inquiry under sub-section (3) of section 119;

(zzo) the form of appeal, the fee to be accompanied therewith and the appellate authority under sub-section (6) of section 119;

(zzp) the manner of survey under sub-section (2) of section 121;

(zzq) any other matter which is required to be, or may be, prescribed under this Code.

134. (1) The Central Government may, subject to the condition of previous publication and by notification, make rules for carrying out the purposes of this Code.

Power of
Central
Government
to make rules.

(2) In particular, and without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely:—

(a) the other authority under sub-clause (iii) of clause (zs) of sub-section (1) of section 2;

(b) the matters which are directly related to the condition of ship under the proviso to sub-clause (iii) of clause (zs) of sub-section (1) of section 2;

(c) other period under clause (a) of sub-section (1) of section 3;

(d) the form of certificate of registration, the time within which and the conditions subject to which such certificate shall be issued under sub-section (3) of section 3;

(e) the form of intimation by the employer electronically and the manner of amendment in the certificate electronically under sub-section (4) of section 3;

(f) the manner of informing closing of establishment and certifying payment to the registering officer under sub-section (5) of section 3;

- (g) procedure for nomination and discharge of functions of Members of National Board under sub-section (3) of section 16;
- (h) the terms and conditions of service of officers and employees of the National Board under sub-section (4) of section 16;
- (i) the number of members of technical committees or advisory committees and their qualifications under sub-section (5) of section 16;
- (j) the form and manner of collecting, compiling and analyzing occupational safety and health statistics under sub-section (1) of section 21;
- (k) the form and manner of maintaining database electronically or otherwise and the documents to be produced under sub-section (2) of section 21;
- (l) health and working conditions under sub-section (1) of section 23;
- (m) regarding matters specified in sub-section (2) of section 23;
- (n) welfare facilities for the employees under sub-section (1) of section 24;
- (o) regarding matters specified in sub-section (2) of section 24;
- (p) facility of crèche under sub-section (3) of section 24;
- (q) definition of "running time" in relation to a working day under clause (a) of the *Explanation* to sub-section (1) of section 25;
- (r) the hours of work for working journalist under sub-section (2) of section 25;
- (s) other kinds of leave under clause (i) of sub-section (3) of section 25;
- (t) the maximum period of accumulating leave under clause (ii) of sub-section (3) of section 25;
- (u) the limit up to which the earned leave may be availed of at a time and the reasons for which such leave may be exceeding under clause (iii) of sub-section (3) of section 25;
- (v) conditions and restrictions for entitlement of cash compensation under clause (iv) of sub-section (3) of section 25;
- (w) powers and duties of District Magistrate under section 36;
- (x) requisite qualifications or criteria under sub-section (1) of section 47;
- (y) period of renewal of licence under sub-section (2) of section 47;
- (z) procedure under clause (b) of sub-section (1) of section 51;
- (za) form of agreement under clause (a), and the name and other particulars under clause (b) of sub-section (2) of section 66;
- (zb) the matter which may be saved and the qualifications of sole manager under sub-section (1) of section 67;
- (zc) the conditions relating to number of employees, depth of excavation and other matters under clause (a) of sub-section (1) of section 68;
- (zd) conditions relating to workings, opencast workings and explosives under clause (b) of sub-section (1) of section 68;
- (ze) to declare the mines and part thereof for the purpose of applicability of the provisions of this Code under sub-section (2) of section 68;
- (zf) the authority, the manner of informing such authority and the time limit for making such information under sub-section (3) of section 68;
- (zg) to provide for medical examination of apprentice, other trainee or employee under sub-section (3) of section 70;

(zh) to exempt certain persons or category of persons holding positions of supervision or management and the persons employed in mine and the persons employed therein under section 71;

(zi) to provide for vocational training and rescue and recovery services to the persons employed in a mine under section 72;

(zj) medical authority under sub-section (2) of section 117;

(zk) rules under sub-section (4) of section 121;

(zl) the language of the bye-laws under sub-section (7) of section 139;

(zm) any other matter which is required to be, or may be prescribed.

135. (1) The State Government may, subject to the condition of previous publication and by notification, make rules for the carrying out the provisions of this Code.

Power of State Government to make rules.

(2) In particular and without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely:—

(a) the constitution, procedure and other matters relating to State Advisory Board under sub-section (2) of section 17;

(b) the number of members and their qualifications under sub-section (3) of section 17;

(c) the form of application and the payment of fees under sub-section (2) of section 74;

(d) the manner of preparing the plan of the place or premises under sub-section (3) of section 74;

(e) other matters under clause (e) of sub-section (4) of section 74;

(f) fees under sub-section (6) of section 74;

(g) period under the second proviso to sub-section (6) of section 74;

(h) the time of filing appeal and fees under section 75;

(i) the form of application by the employee and conditions under sub-section (1) of section 76;

(j) form of maintaining the record of the work under sub-section (2) of section 76;

(k) the manner of disclosing information by occupier of a factory under sub-section (1) of section 84;

(l) the interval of informing Chief Inspector-cum-Facilitator and the local authority about the policy with respect to the health and safety of the workers under sub-section (2) of section 84;

(m) the form and manner of informing Chief Inspector-cum-Facilitator under sub-section (5) of section 84;

(n) the manner of publicising among the workers and the general public living in the vicinity of the factory the measures and disposal laid down under sub-section (7) of section 84;

(o) the conditions for accessibility to the record by the workers under clause (a) of section 85;

(p) the qualification and experience of persons handling hazardous substance and manner of providing necessary facilities for protecting the workers under clause (b) of section 85;

(q) the manner of providing for medical examination of a worker under sub-clause (ii) of clause (c) of section 85;

(r) the measures or standards under sub-section (1) of section 86;

(s) the value of the maximum permissible limit of exposure of chemical and toxic substances in manufacturing process in any factory under section 88;

(t) requiring every employer to make in his plantation provisions in respect of as specified in clauses (a) to (d) of sub-section (1) of section 92;

(u) for prohibiting or, restricting employment of women or adolescents under sub-section (2) of section 93;

(v) qualifications under sub-section (3) of section 93;

(w) other matters under sub-section (4) of section 93;

(x) manner of periodical medical examination of worker under sub-section (5) of section 93;

(y) the manner of providing facilities, clothing and equipment under sub-section (7) of section 93;

(z) precautionary notices under sub-section (9) of section 93;

(za) any other matter which is required to be, or may be, prescribed.

(3) The Central Government may, by notification and in consultation with the State Government, make rules for the purposes of bringing uniformity, throughout the country, in occupational safety, health or such other matters as it considers necessary in respect of factories.

Power of
Central
Government
to make
regulations in
relation to
mines and
dock work.

136. The Central Government may, by notification, make regulations consistent with this Code for all or any of the following purposes, namely:—

(a) for specifying the qualifications required for appointment as Inspector-cum-Facilitator;

(b) for specifying and regulating the duties and powers of the Chief Inspector-cum-Facilitator and of Inspector-cum-Facilitators in regard to the inspection of mines under this Code;

(c) for specifying the duties of owners, agents and managers of mines and of persons acting under them, and for specifying the qualifications (including age) of agents and managers of mines and of persons acting under them;

(d) for requiring facilities to be provided for enabling managers of mines and other persons acting under them to efficiently discharge their duties;

(e) for regulating the manner of ascertaining, by examination or otherwise, the qualifications of managers of mines and persons acting under them, and the granting and renewal of certificates of competency;

(f) for fixing the fees, if any, to be paid in respect of such examinations and of the grant and renewal of such certificates;

(g) for determining the circumstances in which and the conditions subject to which it shall be lawful for more mines than one to be under a single manager, or for any mines to be under a manager not having the specified qualifications;

- 5 of 1908. (h) for providing for inquiries to be made under this Code, including any inquiry relating to misconduct or incompetence on the part of any person holding a certificate under this Code and for the suspension or cancellation of any such certificate and for providing, wherever necessary, that the person appointed to hold an inquiry shall have all the powers of a civil court under the Code of Civil Procedure, 1908, for the purpose of enforcing the attendance of witnesses and compelling the production of documents and material objects;
- 4 of 1884. (i) for regulating, subject to the provisions of the Indian Explosives Act, 1884, and of any rules made thereunder, the storage, conveyance and use of explosives;
- (j) for prohibiting, restricting or regulating the employment of women in mines or in any class of mines or on particular kinds of labour which are attended by danger to the life, safety or health of such persons and for limiting the weight of any single load that may be carried by any such person;
- (k) for providing for the safety of the persons employed in a mine, their means of entrance there into and exit therefrom, the number of shafts or outlets to be furnished, and the fencing of shafts, pits, outlets, pathways and subsidences;
- (l) for prohibiting the employment in a mine either as manager or in any other specified capacity of any person except persons paid by the owner of the mine and directly answerable to the owner or manager of the mine;
- (m) for providing for the safety of the roads and working places in mines, including the siting, maintenance and extraction or reduction of pillars or blocks of minerals and the maintenance of sufficient barriers between mine and mine;
- (n) for the inspection of workings and sealed off fire- areas in a mine, and for the restriction of workings in the vicinity of the sea or any lake or river or any other body of surface water, whether natural or artificial, or of any public road or building, and for requiring due precaution to be taken against the irruption or inrush of water or other liquid matter into, outbreak of fire in or premature collapse of, any workings;
- (o) for providing for the ventilation of mines and the action to be taken in respect of dust, fire, and inflammable and noxious gases, including precautions against spontaneous combustion, underground fire and coal dust;
- 36 of 2003. (p) for regulating, subject to the provisions of the Electricity Act, 2003, and of any rules made thereunder, the generation, storage, transformation, transmission and use of electricity in mines and for providing for the care and the regulation of the use of all electrical apparatus and electrical cables in mines and of all other machinery and plant therein;
- (q) "for regulating the use of machinery in mines, for providing for the safety of persons employed on or near such machinery and on haulage roads and for restricting the use of certain classes of locomotives underground;
- (r) for providing for proper lighting of mines and regulating the use of safety lamps therein and for the search of persons entering a mine in which safety lamps are in use;
- (s) for providing against explosions or ignitions of inflammable gas or dust or irruptions of or accumulations of water in mines and against danger arising therefrom and for prohibiting, restricting or regulating the extraction of minerals in circumstances likely to result in the premature collapse of workings or to result in or to aggravate the collapse of workings or irruptions of water or ignitions in mines;
- (t) for specifying type of accidents for the purposes of notice under section 10 and for specifying the notices of accidents and dangerous occurrences, and the notices, reports and returns of mineral output, persons employed and other matters

provided for by regulations, to be furnished by owners, agents and managers of mines, and for specifying the forms of such notices, returns and reports, the persons and authorities to whom they are to be furnished, the particulars to be contained in them, and the time within which they are to be submitted;

(u) for requiring owners, agents and managers of mines to have fixed boundaries for the mines, for specifying the plans and sections and field notes connected therewith to be kept by them and the manner and places in which such plans, sections and field notes are to be kept for purposes of record and for the submission of copies thereof to the Chief Inspector-cum-Facilitator, and for requiring the making of fresh surveys and plans by them, and in the event of non-compliance, for having the survey made and plans prepared through any other agency and for the recovery of expenses thereof in the same manner as an arrear of land revenue;

(v) for regulating the procedure on the occurrence of accidents or accidental explosions or ignitions in or about, mines; for dealing effectively with the situation;

(w) for specifying the form of, and the particulars to be contained in, the notice to be given by the owner, agent or manager of a mine under section 5;

(x) for specifying the notice to be given by the owner, agent or manager of a mine before mining operations are commenced at or extended to any point within forty-five meters of any railway subject to the provisions of the Indian Railways Act, 1989 or of any public roads or other works as the case may be, which are maintained by the Government or any local authority; 24 of 1989.

(y) for the protection from injury, in respect of any mine when the workings are discontinued, of property vested in the Government or any local authority or railway company as defined in the Indian Railways Act, 1989; 24 of 1989.

(z) for requiring protective works to be constructed by the owner, agent or manager of a mine before the mine is closed, and in the event of non-compliance, for getting such works executed by any other agency and for recovering the expenses thereof from such owner in the same manner as an arrear of land revenue;

(za) for requiring the fencing of any mine or part of a mine or any quarry, incline, shaft, pit or outlet, whether the same is being worked or not, or any dangerous or prohibited area, subsidence, haulage, tramline or pathway, where such fencing is necessary for the protection of the public;

(zb) for specifying the number of officials to be appointed;

(zc) for specifying the qualifications of the officials to be appointed;

(zd) for specifying the qualifications and experience of the agents;

(ze) for specifying the period during which the agent shall be resident in India;

(zf) for specifying duties and responsibilities of suppliers, designers, importer and contractors for safety in mines;

(zg) for requiring the owners, agents and managers of mines to formulate, maintain and enforce safety management plan in their mines;

(zh) for requiring the managers of mines to formulate and implement codes of practice or standard operating procedure in respect of any machinery or operation used in the mines;

(zi) for providing for the safety in opencast mines and associated operations and machineries used therein;

(zj) for regulating the extraction of methane from working or abandoned coal mines or from virgin coal seam;

(zk) for specifying the forms of returns which shall be filed by the establishments or the class of establishments under this Code;

(zl) for the general requirement relating to the construction, equipping and maintenance for the safety of working places on shore, ship, dock, structure and other places at which any dock work is carried on;

(zm) for the safety of any regular approaches over a dock, wharf, quay or other places which dock workers have to use for going for work and for fencing of such places and projects;

(zn) for the efficient lighting of all areas of dock, ship, any other vessel, dock structure or working places where any dock work is carried on and of all approaches to such places to which dock workers are required to go in the course of their employment;

(zo) providing and maintaining adequate ventilation and suitable temperature in every building or an enclosure on ship where dock workers are employed;

(zp) providing for the fire and explosion prevention and protection;

(zq) providing for safe means of access to ships, holds, stagings, equipment, lifting appliances and other working places;

(zr) providing for the safety of workers engaged in the opening and closing of hatches, protection of ways and other openings in the docks which may be dangerous to them;

(zs) providing for the safety of workers on docks from the risk of falling overboard being struck by cargo during loading or unloading operations;

(zt) providing for the construction, maintenance and use of lifting and other cargo handling appliances and services, such as, pallets containing or supporting loads and provision of safety appliances on them, if necessary;

(zu) providing for the safety of workers employed in freight container terminals or other terminals for handling unitised cargo;

(zv) providing for the fencing of machinery, live electrical conductors, steam pipes and hazardous openings;

(zw) providing for the construction, maintenance and use of staging;

(zx) providing for the rigging and use of ship's derricks;

(zy) providing for the testing, examination, inspection and certification as appropriate of loose gears including chains and ropes and of slings and other lifting devices used in the dock work;

(zz) providing for the precautions to be taken to facilitate escape of workers when employed in a hold, bin, hopper or the like or between decks of a hold while handling coal or other bulk cargo;

(zza) providing for the measures to be taken in order to prevent dangerous methods of working in the stacking, unstacking, stowing and unstowing of cargo or handling in connection therewith;

(zzb) providing for the handling of dangerous substances and working in dangerous or harmful environments and the precautions to be taken in connection with such handling;

(zzc) providing for the work in connection with cleaning, chipping, painting, operations and precautions to be taken in connection with such work;

(zzd) providing for the employment of persons for handling cargo, handling appliances, power operated hatch covers or other power operated ship's equipment, such as, door in the hull of a ship, ramp, retraceable car deck or similar equipment or to give signals to the drivers of such machinery;

(zze) providing for the transport of dock workers;

(zzf) providing for the precautions to be taken to protect dock workers against harmful effects of excessive noise, vibrations and air pollution at the workplace;

(zzg) providing for protective equipment or protective clothing;

(zzh) providing for the sanitary, washing and welfare facilities;

(zzi) providing for—

(i) the medical supervision;

(ii) the ambulance rooms, first aid and rescue facilities and arrangements for the removal of dock workers to the nearest place of treatment;

(iii) the safety and health organisation; and

(iv) the training of dock workers and for the obligations and rights of the dock workers for their safety and health at the workplace;

(zzj) providing for the investigation of occupational accidents, dangerous occurrences and diseases, specifying such diseases and the forms of notices, the persons and authorities to whom, they are to be furnished, the particulars to be contained in them and the time within which they are to be submitted;

(zzk) providing for the submission of statement of accidents, man-days lost, volume of cargo handled and particulars of dock workers; and

(zzl) any other matter which is required to be or may be specified by regulation.

Prior
publication of
rules, etc.

137. The power to make rules, regulations, and bye-laws under this Code shall be subject to the condition of the previous publication of the same being made, in the following manner, namely:—

(a) the date to be specified after a draft of rule, regulation, and bye-laws proposed to be made will be taken under consideration, shall not be less than forty-five days from the date on which the draft of the proposed rule, regulation and bye-laws is published for general information;

(b) rule, regulation and bye-laws shall be published in the Official Gazette and on such publication, shall have effect as if enacted in this Code.

Power to
make
regulation
without
previous
publication.

138. Notwithstanding anything contained in section 137, regulations under section 136 may be made without previous publication and without reference to the National Occupational Safety Health Advisory Board constituted under sub-section (1) of section 16, if the Central Government is satisfied that for the prevention of apprehended danger or the speedy remedy of conditions likely to cause danger and to avoid delay it is necessary to dispense with from such publication and reference.

Bye-laws.

139. (1) The employer of a mine may, and shall, if called upon to do so by the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator, frame and submit to the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator a draft of such bye-laws, not being inconsistent with this Code or any rules or regulations or standards for the time being in force, governing the use of any particular machinery or the adoption of a particular method of working in the mine, as the employer may deem necessary to prevent accidents and provide for the safety, convenience and discipline of the persons employed in the mine.

(2) If any such employer—

(a) fails to submit within two months a draft of bye-laws after being called upon to do so by the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator; or

(b) submits a draft of bye-laws which is not in the opinion of the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator sufficient, the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator may—

(i) propose a draft of such bye-laws as appear to him to be sufficient; or

(ii) propose such amendments in any draft submitted to him by the employer as will, in his opinion, render it sufficient, and shall send such draft bye-laws or draft amendments to the employer for consideration.

(3) If within a period of two months from the date on which any draft bye-laws or draft amendments are sent by the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator to the employer under the provisions of sub-section (2), the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator and the employer are unable to agree as to the terms of the bye-laws to be made under sub-section (1), the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator shall refer the draft bye-laws for settlement to the technical committee constituted under sub-section (5) of section 16 in respect of mines.

(4) When such draft bye-laws have been agreed to by the employer and the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator, or, when they are unable to agree, have been settled by the technical Committee constituted under sub-section (5) of section 16 in respect of mines, a copy of the draft bye-laws shall be sent by the Chief Inspector-cum-Facilitator or Inspector-cum-Facilitator to the Central Government for approval:

Provided that the Central Government may make such modification of the draft bye-laws as it thinks fit:

Provided further that before the Central Government approves the draft bye-laws, whether with or without modifications, there shall be published, in such manner as the Central Government may think best adapted for informing the persons affected, a notice of the proposal to make the bye-laws and of the place where copies of the draft bye-laws may be obtained, and of the time (which shall not be less than thirty days) within which any objections with reference to the draft bye-laws, made by or on behalf of persons affected should be sent to the Central Government.

(5) Every objection under second proviso to sub-section (4) shall be in writing and shall state—

(i) the specific grounds of objections, and

(ii) the omissions, additions or modifications asked for.

(6) The Central Government shall consider any objection made within the required time by or on behalf of persons appearing to it to be affected, and may approve the bye-laws either in the form in which they were published or after making such amendments thereto as it thinks fit.

(7) The employer shall cause a copy of the bye-laws, in English and in such other language or languages as may be prescribed by the Central Government, to be pasted up in some conspicuous place at or near the mine, where the bye-laws may be conveniently read or seen by the persons employed; and, as and when the same become defaced, obliterated or destroyed, shall cause them to be pasted again.

(8) The Central Government may, by order in writing rescind, in whole or in part, any bye-law so made, and thereupon such bye-law shall cease to have effect accordingly.

Powers to regulate general safety and health.

140. Notwithstanding any law for the time being in force, the Central Government may make rules to regulate general safety and health of the persons residing in whole or part of India, in the event of declaration of an epidemic, pandemic or disaster, for such period as may be notified by the Central Government.

Laying of regulations, rules, bye-laws, etc., before Parliament.

141. Every rule, regulation, standard and bye-laws notified or made by the Central Government under this Code shall be laid, as soon as may be after it is notified or made, before each House of Parliament, while it is in session, for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule, regulation, standard or bye-law or both Houses agree that the rule, regulation, standard or bye-law should not be made, the rule, regulation, standard or bye-law shall thereafter have effect only in such modified form or be of no effect, as the case may be; so, however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule, regulation, standard or bye-law, as the case may be.

Laying of rules made by State Government.

142. Every rule made by the State Government under this Code shall be laid, as soon as may be, after it is made, before the State Legislature.

Repeal and Savings.

143. (1) The following enactments shall stand repealed on and from the dates the notification referred to in sub-section (2) of section 1 is issued, namely:—

(a) The Factories Act, 1948;	63 of 1948.
(b) The Plantations Labour Act, 1951;	69 of 1951.
(c) The Mines Act, 1952;	35 of 1952.
(d) The Working Journalists and other Newspaper Employees (Conditions of Service) and Miscellaneous Provisions Act, 1955;	45 of 1955.
(e) The Working Journalists (Fixation of Rates of Wages) Act, 1958;	29 of 1958.
(f) The Motor Transport Workers Act, 1961;	27 of 1961.
(g) The Beedi and Cigar Workers (Conditions of Employment) Act, 1966;	32 of 1966.
(h) The Contract Labour (Regulation and Abolition) Act, 1970;	37 of 1970.
(i) The Sales Promotion Employees (Conditions of Service) Act, 1976;	11 of 1976.
(j) The Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979;	30 of 1979.
(k) The Cine-Workers and Cinema Theatre Workers (Regulation of Employment) Act, 1981;	50 of 1981.
(l) The Dock Workers (Safety, Health and Welfare) Act, 1986;	54 of 1986.
(m) The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996.	27 of 1996.

(2) Every Chief Inspector, Additional Chief Inspector, Joint Chief Inspector, Deputy Chief Inspector, Inspector and every other officer appointed for the purposes under any of the provisions of the enactments repealed by this Code, shall be deemed to have been appointed under this Code for such purposes under this Code.

(3) Notwithstanding repeal under sub-section (1), anything done or any action taken under the enactments so repealed (including any rule, regulation, bye-laws, notification, nomination, appointment, order or direction made thereunder) shall be deemed to have been done or taken under the corresponding provisions of this Code and shall remain in force to the extent they are not contrary to the provisions of this Code till they are repealed by the Central Government.

10 of 1897. (4) Without prejudice to the provisions of sub-section (2), provisions of section 6 of the General Clauses Act, 1897 shall apply to the repeal of such enactments.

THE FIRST SCHEDULE

[See section 2(za)]

List of Industries involving hazardous processes:

1. Ferrous Metallurgical Industries
 - Integrated Iron and Steel
 - Ferro-alloys
 - Special Steels.
2. Non-ferrous metallurgical Industries
 - Primary Metallurgical Industries, namely, zinc, lead, copper, manganese and aluminium.
3. Foundries (ferrous and non-ferrous)
 - Castings and forgings including cleaning or smoothening/roughening by sand and shot blasting.
4. Coal (including coke) industries
 - Coal, Lignite, Coke and like other substances
 - Fuel Gases (including Coal Gas, Producer Gas, Water Gas).
5. Power Generating Industries.
6. Pulp and paper (including paper products) industries.
7. Fertiliser Industries
 - Nitrogenous
 - Phosphatic
 - Mixed.
8. Cement Industries
 - Portland Cement (including slag cement, puzzolona cement and their products).
9. Petroleum Industries
 - Oil Refining
 - Lubricating Oils and Greases.
10. Petro-chemical Industries.
11. Drugs and Pharmaceutical Industries
 - Narcotics, Drugs and Pharmaceuticals.
12. Fermentation Industries (Distilleries and Breweries).
13. Rubber (Synthetic) Industries.
14. Paints and Pigment Industries.
15. Leather Tanning Industries.
16. Electro-plating Industries.
17. Chemical Industries.

(a) Coke Oven by-products and Coaltar Distillation products:

(b) Industrial Gases (nitrogen, oxygen, acetylene, argon, carbon dioxide, hydrogen, sulphur dioxide, nitrous oxide, halogenated hydrocarbon, ozone, or any like gases);

(c) Industrial Carbon;

(d) Alkalies and Acids;

(e) Chromates and dichromates;

(f) Lead and its compounds;

(g) Electrochemicals (metallic sodium, potassium and magnesium, chlorates, perchlorates and peroxides);

(h) Electrothermal produces (artificial abrasive, calcium carbide);

(i) Nitrogenous compounds (cyanides, cyanamides and other nitrogenous compounds);

(j) Phosphorous and its compounds;

(k) Halogens and Halogenated compounds (Chlorine, Fluorine, Bromine and Iodine);

(l) Explosives (including industrial explosives and detonators and fuses).

18. Insecticides, Fungicides, Herbicides and other Pesticides Industries.

19. Synthetic Resin and plastics.

20. Man made Fibre (Cellulosic and non-cellulosic) industry.

21. Manufacture and repair of electrical accumulators.

22. Glass and Ceramics.

23. Grinding or glazing of metals.

24. Manufacture, handling and processing of asbestos and its products.

25. Extraction of oils and fats from vegetable and animal sources.

26. Manufacture, handling and use of benzene and substances containing benzene.

27. Manufacturing processes and operations involving carbon disulphide.

28. Dyes and Dyestuff including their intermediates.

29. Highly flammable liquids and gases.

30. Printing and dyeing on fabrics in textiles and plywood and laminate manufacturing process.

31. Process involving usage of radium or Radioactive Substances.

32. Stone Crushing industry.

33. Extraction of Oil and Raw material from the scrap tyres.

34. Cigarette manufacturing industry.

35. Ship breaking industry.

36. Hazardous waste and e-waste processing plants.

37. Semiconductor manufacturing industry.

38. Styrene manufacturing, handling and processing industry.

39. Nano-particles utilising industry.

40. Manufacturing, processing, preparation and utilisation of Mercury or Compounds of Mercury, Lead Tetra-ethyl, Manganese, Arsenic, Chrome, Aliphatic series, Beryllium, Phosgene and Isocyanates.

THE SECOND SCHEDULE

[See section 18(2)(f)]

List of matters:

- (1) fencing of machinery;
- (2) work on or near machinery in motion;
- (3) employment of adolescents on dangerous machines;
- (4) striking gear and devices for cutting off power;
- (5) self acting machines;
- (6) casing of new machinery;
- (7) prohibition of employment of women, children and adolescent near cotton openers;
- (8) hoists and lifts;
- (9) lifting machines, chains, ropes and lifting tackles;
- (10) revolving machinery;
- (11) pressure plant;
- (12) floors, stairs and means of access;
- (13) pits, sumps, openings in floors and other similar indentation of area;
- (14) safety officers;
- (15) protection of eyes;
- (16) precautions against dangerous fumes, gases, etc.;
- (17) precautions regarding the use of portable electric light;
- (18) explosive or inflammable dust, gas, and other like dusts or gases;
- (19) safety committee;
- (20) power to require specifications of defective parts or tests of stability;
- (21) safety of buildings and machinery;
- (22) maintenance of buildings;
- (23) prohibition in certain cases of danger;
- (24) notice in respect of accidents;
- (25) court of inquiry in case of accidents;
- (26) safety management in plantation;
- (27) the general requirement relating to the construction, equipments and maintenance for the safety of working places on shore, ship, dock, structure and other places at which any dock work is carried on;
- (28) the safety of any regular approaches over a dock, wharf, quay or other places which dock worker have to use for going for work and for fencing of such places and projects;
- (29) the efficient lighting of all areas of dock, ship, any other vessel, dock structure or working places where any dock work is carried on and of all approaches to such places to which dock workers are required to go in the course of their employment;

(30) adequate ventilation and suitable temperature in every building or an enclosure on ship where dock workers are employed;

(31) the fire and explosion preventions and protection;

(32) safe means of access to ships, holds, stagings, equipment, appliances and other working places;

(33) the construction, maintenance and use of lifting and other cargo handling appliances and services, such as, pallets containing or supporting loads and provision of safety appliances on them, if necessary;

(34) the safety of workers employed in freight container terminals of other terminals for handing unitized cargo;

(35) the fencing of machinery, live electrical conductors, steam pipes and hazardous openings;

(36) the construction, maintenance and use of staging;

(37) the rigging and use of ship's derricks;

(38) the testing, examination, inspection and certification as appropriate of loose gears including chains and ropes and of slings and other lifting devices used in the dock work;

(39) the precautions to be taken to facilitate escape of workers when employed in a hold, bin, hopper or the like or between decks of a hold while handling coal or other bulk cargo;

(40) the measures to be taken in order to prevent dangerous methods of working in the stacking, unstacking, stowing and unstowing of cargo or handling in connection therewith;

(41) the handling of dangerous substances and working, in dangerous or harmful environments and the precautions to be taken in connection with such handling;

(42) the work in connection with cleaning, chipping, painting, operations and precautions to be taken in connection with such work;

(43) the employment of persons for handling cargo, handling appliances, power operated batch covers or other power operated ship's equipment such as, door in the hull of a ship, ramp, retraceable car deck or similar equipment or to give signals to the drivers of such machinery;

(44) the transport of dock workers;

(45) the precautions to be taken to protect dock workers against harmful effects of excessive noise, vibration and air pollution at the work place;

(46) protective equipment and protective clothing;

(47) the sanitary, washing and welfare facilities;

(48) the medical supervision;

(49) the ambulance rooms, first aid and rescue facilities and arrangements for the removal of dock workers to the nearest place of treatment;

(50) the investigation of occupational accidents, dangerous occurrences and diseases, specifying such diseases and the forms of notices, the persons and authorities to whom, they are to be furnished, the particulars to be contained in them and the time within which they are to be submitted;

(51) the submission of statement of accidents, man-days lost, volume of cargo handled and particulars of dock workers.

(52) the safe means of access to, and the safety of, any working place, including the provision of suitable and sufficient scaffolding at various stages when work cannot be safely done from the ground or from any part of a building or from a ladder or such other means of support;

(53) the precautions to be taken in connection with the demolition of the whole or any substantial part of a building or other structure under the supervision of a competent person for the avoidance of danger from collapse of any building or other structure while removing any part of the framed building or other structure by shoring or otherwise;

(54) the handling or use of explosive under the control of competent persons so that there is no exposure to the risk of injury from explosion or from flying material;

(55) the erection installation, use and maintenance of transporting equipment, such as locomotives, trucks, wagons and other vehicles and trailers and appointment of competent persons to drive or operate such equipment;

(56) the erection, installation, use and maintenance of hoists, lifting appliances and lifting gear including periodical testing and examination and heat treatment where necessary, precautions to be taken while raising or lowering loads, restrictions on carriage of persons and appointment of competent persons on hoists or other lifting appliances;

(57) the adequate and suitable lighting of every workplace and approach thereto, of every place where raising or lowering operations with the use of hoists, lifting appliances or lifting gears are in progress and of all openings dangerous to building workers employed;

(58) the precautions to be taken to prevent inhalation of dust, fumes, gases or vapours during any grinding, cleaning, spraying or manipulation of any material and steps to be taken to secure and maintain adequate ventilation of every working place or confined space;

(59) the measures to be taken during stacking or unstacking, stowing or unstowing of materials or goods or handling in connection therewith;

(60) the safeguarding of machinery including the fencing of every fly-wheel and every moving part of prime mover and every part of transmission or other machinery, unless it is in such a position or of such construction as to be safe to every worker working only of the operations and as if it were securely fenced;

(61) the safe handling and use of plant, including tools and equipment operated by compressed air;

(62) the precaution to be taken in case of fire;

(63) the limits of weight to be lifted or moved by workers;

(64) the safe transport of workers to or from any workplace by water and provision of means for rescue from drowning;

(65) the steps to be taken to prevent danger to workers from live electric wires or apparatus including electrical machinery and tools and from overhead wires;

(66) the keeping of safety nets, safety sheets and safety belts where the special nature or the circumstances of work render them necessary for the safety of the workers;

(67) the standards to be complied with regard to scaffolding, ladders and stairs, lifting appliances, ropes, chains and accessories, earth moving equipment and floating operational equipments;

(68) the precautions to be taken with regard to pile driving, concrete work, work with hot asphalt, tar or other similar things, insulation work, demolition operations, excavation, underground construction and handling materials;

(69) the safety policy, that is to say, a policy relating to steps to be taken to ensure the safety and health of the building workers, the administrative arrangements therefore and the

matters connected therewith, to be framed by the employers and contractors for tile operations to be carried on in a building or other construction work;

(70) emergency standards for enforcement of suitable standards in respect of hazardous processes in a factory;

(71) the maximum permissible threshold limits of exposure of chemical and toxic substances in manufacturing processes (whether hazardous or otherwise) in any factory;

(72) lightning; and

(73) any other matter which the Central Government considers under the circumstance for better working condition for safety at the workplace.

THE THIRD SCHEDULE

[See section 12(1)]

List of Notifiable Diseases:

1. Lead poisoning, including poisoning by any preparation or compound of lead or their sequelae.
2. Lead-tetra-ethyle poisoning.
3. Phosphorus poisoning or its sequelae.
4. Mercury poisoning or its sequelae.
5. Manganese poisoning or its sequelae.
6. Arsenic poisoning or its sequelae.
7. Poisoning by nitrous fumes.
8. Carbon bisulphide poisoning.
9. Benzene poisoning, including poisoning by any of its homologues, their nitro or amido derivatives or its sequelae.
10. Chrome ulceration or its sequelae.
11. Anthrax.
12. Silicosis.
13. Poisoning by halogens or halogen derivatives of the hydrocarbons of the aliphatic series.
14. Pathological manifestations due to—
 - (a) radium or other radio-active substances;
 - (b) X-rays.
15. Primary epitheliomatous cancer of the skin.
16. Toxic anaemia.
17. Toxic jaundice due to poisonous substances.
18. Oil acne or dermatitis due to mineral oils and compounds containing mineral oil base.
19. Byssionosis.
20. Asbestosis.
21. Occupational or contact dermatitis caused by direct contact with chemicals and paints. These are of two types, that is, primary irritants and allergic sensitizers.
22. Noise induced hearing loss (exposure to high noise levels).
23. Beryllium poisoning.
24. Carbon monoxide poisoning.

25. Coal miners' pneumoconiosis.
 26. Phosgene poisoning.
 27. Occupational cancer.
 28. Isocyanates poisoning.
 29. Toxic nephritis.
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DR. G. NARAYANARAJU,
Secretary to the Govt. of India.

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

Name of the Petitioner:- NTPC Ltd.

Name of the Generating Station:- Sipat Stage - I

S.No.	Particulars	Unit	Apr-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	528577.67	0.00	-
2	Value of Opening Stock	(Rs.)	967642820	0	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	1127282.48	54.20	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	-	-	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	1127282.48	54.20	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2274.68	0.11	-
7	Net Coal / Lignite supplied (5-6)	(MT)	1125007.80	54.09	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2,00,26,32,191	9,24,930	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	0	0	-
10	Handling, Sampling and such other similar charges	(Rs.)	3,86,18,011	0	-
11	Total Amount Charged (8+9+10)	(Rs.)	2,04,12,50,202	9,24,930	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	30,98,796	0	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0	0	-
14	Demurrage charges , if any	(Rs.)	0	0	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,08,55,465	0	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	2,39,54,261	0	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,06,52,04,463	9,24,930	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1834.10	17099.84	-
19	Blending Ratio (Domestic / Imported)		99.99%	0.01%	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,835.26		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,835.26		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4149		
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4045		-
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		5,108	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4078		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3724		
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3669		-
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		4,534	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3687		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3687		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:- **Sipat Stage-II**

S.No.	Particulars	Unit	Apr-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	528577.67	0.00	-
2	Value of Opening Stock	(Rs.)	967642820	0	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	1127282.48	54.20	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	0.00	0.00	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	1127282.48	54.20	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2274.68	0.11	-
7	Net Coal / Lignite supplied (5-6)	(MT)	1125007.80	54.09	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2002632191	924930	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	0.00	0.00	-
10	Handling, Sampling and such other similar charges	(Rs.)	3,86,18,011	0	-
11	Total Amount Charged (8+9+10)	(Rs.)	2,04,12,50,202	9,24,930	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	30,98,796	0	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	-
14	Demurrage charges , if any	(Rs.)	0.00	0.00	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,08,55,465	0	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	2,39,54,261	0	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,06,52,04,463	9,24,930	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1834.10	0.00	-
19	Blending Ratio (Domestic / Imported)		100%	-	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,834.10		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,834.10		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4149		
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4045		-
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		5,108	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4078		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3724		
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3669		-
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		4,534	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3687		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3687		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:- **Sipat Stage - I**

			May-2023		
S.No.	Particulars	Unit	Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	491124.47	-	-
2	Value of Opening Stock	(Rs.)	900771390	-	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	1222050.36	-	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	-	-	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	1222050.36	-	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2922.03	-	-
7	Net Coal / Lignite supplied (5-6)	(MT)	1219128.33	-	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2,23,81,07,392	-	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	4,15,97,309	-	-
11	Total Amount Charged (8+9+10)	(Rs.)	2,27,97,04,701	-	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	3,60,70,470.00	-	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-	-	-
14	Demurrage charges , if any	(Rs.)	-	-	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,17,36,031.59	-	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	5,78,06,501.59	-	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,33,75,11,203	-	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1893.45	-	-
19	Blending Ratio (Domestic / Imported)		100%	-	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1893.45		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,893.45		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4078		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4121		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4109		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3687		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3754		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3734		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3734		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:-**Sipat Stage-II**

S.No.	Particulars	Unit	May-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	491124.47	-	-
2	Value of Opening Stock	(Rs.)	900771390	-	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	1222050.36	-	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	0.00	-	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	1222050.36	-	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2922.03	-	-
7	Net Coal / Lignite supplied (5-6)	(MT)	1219128.33	-	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2238107392	-	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	0.00	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	4,15,97,309	-	-
11	Total Amount Charged (8+9+10)	(Rs.)	2,27,97,04,701	-	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	3,60,70,470	-	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0	-	-
14	Demurrage charges , if any	(Rs.)	0	-	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,17,36,032	-	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	5,78,06,502	-	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,33,75,11,203	-	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1893.45	-	-
19	Blending Ratio (Domestic / Imported)		100%	-	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,893.45		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,893.45		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4078		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4121		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4109		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3687		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3754		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3734		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3734		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:- **Sipat Stage - I**

S.No.	Particulars	Unit	Jun-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	4,99,593.80	-	-
2	Value of Opening Stock	(Rs.)	94,59,57,371.82	-	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	11,23,745.60	-	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	-	-	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	11,23,745.60	-	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2,531.06	-	-
7	Net Coal / Lignite supplied (5-6)	(MT)	11,21,214.54	-	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2,15,92,24,397.58	-	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	3,95,75,195.24	-	-
11	Total Amount Charged (8+9+10)	(Rs.)	2,19,87,99,592.82	-	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	2,68,99,652.00	-	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-	-	-
14	Demurrage charges , if any	(Rs.)	-	-	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,15,57,246.70	-	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	4,84,56,898.70	-	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,24,72,56,491.52	-	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1970.14	-	-
19	Blending Ratio (Domestic / Imported)		100%	-	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,970.14		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,970.14		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4109		0
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4170		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4151		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3734		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3680		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3697		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3697		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:-**Sipat Stage-II**

S.No.	Particulars	Unit	Jun-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	4,99,593.80	-	-
2	Value of Opening Stock	(Rs.)	94,59,57,371.82	-	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	11,23,745.60	-	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	-	-	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	11,23,745.60	-	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2,531.06	-	-
7	Net Coal / Lignite supplied (5-6)	(MT)	11,21,214.54	-	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2,15,92,24,397.58	-	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	3,95,75,195.24	-	-
11	Total Amount Charged (8+9+10)	(Rs.)	2,19,87,99,592.82	-	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	2,68,99,652.00	-	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-	-	-
14	Demurrage charges , if any	(Rs.)	-	-	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,15,57,246.70	-	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	4,84,56,898.70	-	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,24,72,56,492	-	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1970.14	-	-
19	Blending Ratio (Domestic / Imported)		100%	-	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,970.14		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,970.14		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4109		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4170		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4151		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3734		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3680		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3697		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3697		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:- **Sipat Stage - I**

S.No.	Particulars	Unit	Jul-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	679130.33	-	-
2	Value of Opening Stock	(Rs.)	1337979794	-	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	1011712.92	-	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	0.00	-	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	1011712.92	-	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2045.49	-	-
7	Net Coal / Lignite supplied (5-6)	(MT)	1009667.43	-	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	1,90,17,83,448	-	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	0	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	3,38,42,667	-	-
11	Total Amount Charged (8+9+10)	(Rs.)	1,93,56,26,115	-	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	15,04,838	-	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0	-	-
14	Demurrage charges , if any	(Rs.)	0	-	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,03,76,590	-	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	2,18,81,428	-	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	1,95,75,07,542	-	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1951.38	-	-
19	Blending Ratio (Domestic / Imported)		1.0000	0.0000	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1951.38		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,951.38		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4151		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	3909		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4006		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3697		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3579		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3626		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3626		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:-**Sipat Stage-II**

S.No.	Particulars	Unit	Jul-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	679130.33	-	-
2	Value of Opening Stock	(Rs.)	1337979794	-	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	1011712.92	-	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	0.00	-	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	1011712.92	-	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2045.49	-	-
7	Net Coal / Lignite supplied (5-6)	(MT)	1009667.43	-	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	1901783448	-	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	0.00	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	3,38,42,667	-	-
11	Total Amount Charged (8+9+10)	(Rs.)	1,93,56,26,115	-	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	15,04,838	-	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	-	-
14	Demurrage charges , if any	(Rs.)	0.00	-	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,03,76,590	-	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	2,18,81,428	-	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	1,95,75,07,542	-	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1951.38	-	-
19	Blending Ratio (Domestic / Imported)		1.0000	-	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,951.38		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,951.38		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4151		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	3909		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4006		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3697		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3579		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3626		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3626		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:- **Sipat Stage - I**

S.No.	Particulars	Unit	Aug-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	6,20,001.77	-	-
2	Value of Opening Stock	(Rs.)	1,20,98,59,664.46	-	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	10,84,830.46	-	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	-	-	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	10,84,830.46	-	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2,169.66	-	-
7	Net Coal / Lignite supplied (5-6)	(MT)	10,82,660.80	-	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2,02,20,81,276.00	-	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	4,11,18,995.75	-	-
11	Total Amount Charged (8+9+10)	(Rs.)	2,06,32,00,271.75	-	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	-	-	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-	-	-
14	Demurrage charges , if any	(Rs.)	-	-	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	1,95,32,915.83	-	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	1,95,32,915.83	-	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,08,27,33,187.58	-	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1933.79	-	-
19	Blending Ratio (Domestic / Imported)		1.0000	-	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,933.79		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,933.79		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4006		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4276		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4178		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3626		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3772		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3719		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3719		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:-**Sipat Stage-II**

S.No.	Particulars	Unit	Aug-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	6,20,001.77	-	-
2	Value of Opening Stock	(Rs.)	1,20,98,59,664.46	-	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	10,84,830.46	-	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	-	-	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	10,84,830.46	-	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2,169.66	-	-
7	Net Coal / Lignite supplied (5-6)	(MT)	10,82,660.80	-	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2,02,20,81,276.00	-	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	4,11,18,995.75	-	-
11	Total Amount Charged (8+9+10)	(Rs.)	2,06,32,00,271.75	-	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	-	-	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-	-	-
14	Demurrage charges , if any	(Rs.)	-	-	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	1,95,32,915.83	-	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	1,95,32,915.83	-	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,08,27,33,187.58	-	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1,933.79	-	-
19	Blending Ratio (Domestic / Imported)		1.00	-	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,933.79		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,933.79		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4006		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4276		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4178		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3626		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3772		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3719		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3719		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:- **Sipat Stage - I**

S.No.	Particulars	Unit	Sep-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	6,40,666.56	-	-
2	Value of Opening Stock	(Rs.)	1,23,89,15,235.89	-	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	10,67,307.78	-	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	-	-	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	10,67,307.78	-	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2,134.62	-	-
7	Net Coal / Lignite supplied (5-6)	(MT)	10,65,173.16	-	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	1,84,68,72,577.45	-	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	4,05,61,415.75	-	-
11	Total Amount Charged (8+9+10)	(Rs.)	1,88,74,33,993.20	-	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	-	-	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-	-	-
14	Demurrage charges , if any	(Rs.)	-	-	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,13,20,839.20	-	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	2,13,20,839.20	-	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	1,90,87,54,832.40	-	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1845.23	0.00	
19	Blending Ratio (Domestic / Imported)		1.0000	0.0000	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,845.23		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,845.23		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4178		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4225		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4207		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3719		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3616		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3655		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3655		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:-**Sipat Stage-II**

S.No.	Particulars	Unit	Sep-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	6,40,666.56	-	-
2	Value of Opening Stock	(Rs.)	1,23,89,15,235.89	-	-
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	10,67,307.78	-	-
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	-	-	-
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	10,67,307.78	-	-
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2,134.62	-	-
7	Net Coal / Lignite supplied (5-6)	(MT)	10,65,173.16	-	-
8	Amount Charged by the Coal/Lignite Company	(Rs.)	1,84,68,72,577.45	-	-
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	4,05,61,415.75	-	-
11	Total Amount Charged (8+9+10)	(Rs.)	1,88,74,33,993.20	-	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	-	-	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-	-	-
14	Demurrage charges , if any	(Rs.)	-	-	-
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,13,20,839.20	-	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	2,13,20,839.20	-	-
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	1,90,87,54,832.40	-	-
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1845.23	-	-
19	Blending Ratio (Domestic / Imported)		1.0000	-	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,845.23		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,845.23		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4178		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4225		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4207		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3719		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3616		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3655		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3655		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:- **Sipat Stage - I**

S.No.	Particulars	Unit	Oct-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	649467.73	0.00	0.00
2	Value of Opening Stock	(Rs.)	1198418636	0	0
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	1169938.89	0.00	0.00
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	0.00	0.00	0.00
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	1169938.89	0.00	0.00
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2339.88	0.00	0.00
7	Net Coal / Lignite supplied (5-6)	(MT)	1167599.01	0.00	0.00
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2,27,69,74,888	0	0
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	0	0.00	0
10	Handling, Sampling and such other similar charges	(Rs.)	4,24,70,446	0	0
11	Total Amount Charged (8+9+10)	(Rs.)	2,31,94,45,334	0	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0	0	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0	0	0
14	Demurrage charges , if any	(Rs.)	0	0	0
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,35,45,266	0	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	2,35,45,266	0	0
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,34,29,90,600	0	0
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1948.97	0.00	0.00
19	Blending Ratio (Domestic / Imported)		1.0000	0.0000	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,948.97		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,948.97		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4054		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4001		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4020		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3643		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3430		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3506		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3506		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:-**Sipat Stage-II**

S.No.	Particulars	Unit	Oct-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	649467.73	0.00	0.00
2	Value of Opening Stock	(Rs.)	1198418636	0	0
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	1169938.89	0.00	0.00
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	0.00	0.00	0.00
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	1169938.89	0.00	0.00
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2339.88	0.00	0.00
7	Net Coal / Lignite supplied (5-6)	(MT)	1167599.01	0.00	0.00
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2276974888	0	0
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	4,24,70,446	0	0
11	Total Amount Charged (8+9+10)	(Rs.)	2,31,94,45,334	0	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0	0	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	2,35,45,266	0	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	2,35,45,266	0	0
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,34,29,90,600	0	0
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1948.97	0.00	0.00
19	Blending Ratio (Domestic / Imported)		1.0000	0.0000	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1948.97		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,948.97		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4051		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4001		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4020		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3643		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3430		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3506		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3506		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:- **Sipat Stage - I**

S.No.	Particulars	Unit	Nov-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	4,75,445.74	-	0.00
2	Value of Opening Stock	(Rs.)	92,66,29,485.60	-	0
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	11,86,570.41	-	0.00
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	-	-	0.00
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	11,86,570.41	-	0.00
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2,937.71	-	0.00
7	Net Coal / Lignite supplied (5-6)	(MT)	11,83,632.70	-	0.00
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2,19,50,36,158	-	0
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	-	-	0
10	Handling, Sampling and such other similar charges	(Rs.)	3,11,25,570	-	0
11	Total Amount Charged (8+9+10)	(Rs.)	2,22,61,61,728	-	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	4,32,32,835	-	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-	-	0
14	Demurrage charges , if any	(Rs.)	-	-	0
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	1,98,62,704	-	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	6,30,95,539	-	0
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,28,92,57,266.79	-	0
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1938.36	0.00	0.0
19	Blending Ratio (Domestic / Imported)		1.0000	0.0000	-
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,938.36		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,938.36		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4020		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4002		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4007		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3506		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3300		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3359		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3359		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:- **Sipat Stage-II**

S.No.	Particulars	Unit	Nov-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	475445.74	0.00	0
2	Value of Opening Stock	(Rs.)	926629486	0	0
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	1186570.41	0.00	0.00
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	0.00	0.00	0.00
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	1186570.41	0.00	0.00
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	2937.71	0.00	0.00
7	Net Coal / Lignite supplied (5-6)	(MT)	1183632.70	0.00	0.00
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2195036158	0	0
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	0.00	0.00	0
10	Handling, Sampling and such other similar charges	(Rs.)	3,11,25,570	0	0
11	Total Amount Charged (8+9+10)	(Rs.)	2,22,61,61,728	0	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	4,32,32,835	0	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	1,98,62,704	0	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	6,30,95,539	0	0
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,28,92,57,267	0	0
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	1938.36	0.00	0
19	Blending Ratio (Domestic / Imported)		1.0000	0.0000	0.0000
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	1,938.36		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	1,938.36		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4020		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	4002		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	4007		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3506		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3300		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3359		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3359		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:- **Sipat Stage - I**

S.No.	Particulars	Unit	Dec-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	252252.44	0.00	0.00
2	Value of Opening Stock	(Rs.)	488955283	0	0
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	1408209.44	0.00	0.00
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	0.00	0.00	0.00
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	1408209.44	0.00	0.00
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	4362.34	0.00	0.00
7	Net Coal / Lignite supplied (5-6)	(MT)	1403847.10	0.00	0.00
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2,82,12,55,537	0	0
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	0	0.00	0
10	Handling, Sampling and such other similar charges	(Rs.)	2,59,46,627	0	0
11	Total Amount Charged (8+9+10)	(Rs.)	2,84,72,02,164	0	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	11,60,93,588	0	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0	0	0
14	Demurrage charges , if any	(Rs.)	0	0	0
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	1,77,33,493	0	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	13,38,27,081	0	0
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,98,10,29,244	0	0
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	2095.28	0.00	0.00
19	Blending Ratio (Domestic / Imported)		1.0000	0.0000	0.0000
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	2,095.28		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	2,095.28		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4007		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	3995		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	3997		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3359		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3368		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3367		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3367		

Details/Information to be submitted in respect of Fuel for Computation of Energy ChargesName of the Petitioner:- **NTPC Ltd.**Name of the Generating Station:-**Sipat Stage-II**

S.No.	Particulars	Unit	Dec-2023		
			Domestic Coal	Imported Coal	Biomass
			(i)	(ii)	
1	Opening Stock of Coal	(MT)	252252.44	0.00	0.00
2	Value of Opening Stock	(Rs.)	488955283	0	0
3	Quantity of Coal/lignite supplied by Coal/lignite Company	(MT)	1408209.44	0.00	0.00
4	Adjustment (-) in quantity supplied by Coal/Lignite Company	(MT)	0.00	0.00	0.00
5	Coal Supplied by Coal /Lignite Company (3-4)	(MT)	1408209.44	0.00	0.00
6	Normative transit & Handling losses (for Coal / Lignite based projects)	(MT)	4362.34	0.00	0.00
7	Net Coal / Lignite supplied (5-6)	(MT)	1403847.10	0.00	0.00
8	Amount Charged by the Coal/Lignite Company	(Rs.)	2821255537	0	0
9	Adjustment (+/-) in amount charged by Coal/Lignite Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	2,59,46,627	0	0
11	Total Amount Charged (8+9+10)	(Rs.)	2,84,72,02,164	0	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	11,60,93,588	0	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting coal through MGR system if applicable	(Rs.)	1,77,33,493	0	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	13,38,27,081	0	0
17	Total amount charged for Coal/Lignite supplied including transportation (11+16)	(Rs.)	2,98,10,29,244	0	0
18	Landed cost of coal/Lignite (2+17) / (1+7)	Rs./MT	2095.28	0.00	0.00
19	Blending Ratio (Domestic / Imported)		1.0000	0.0000	0.0000
20	Weighted Average Cost of Coal/Lignite For the month including biomass	Rs./MT	2,095.28		
20A	Weighted Average Cost of Coal/Lignite For the month excluding biomass	Rs./MT	2,095.28		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company, EQ Basis	(kcal/kg)	4007		-
22	GCV of Domestic Coal supplied as per bill of Coal Company, EQ Basis	(kcal/kg)	3995		
23	GCV of Imported Coal of the opening stock as per bill Coal Company, AD Basis	(kcal/kg)		-	
24	GCV of Imported Coal supplied as per bill Coal Company , AD Basis	(kcal/kg)		-	
25	Weighted average GCV of coal/ Lignite as Billed including biomass	(kcal/kg)	3997		
26	GCV of Domestic Coal of the opening stock as received at Station, TM Basis	(kcal/kg)	3359		-
27	GCV of Domestic Coal supplied as received at Station , TM Basis	(kcal/kg)	3368		
28	GCV of Imported Coal of opening stock as received at Station , TM Basis	(kcal/kg)		-	
29	GCV of Imported Coal supplied as received at Station, TM Basis	(kcal/kg)		-	
29	Weighted average GCV of coal/ Lignite as Received including biomass	(kcal/kg)	3367		
30	Weighted average GCV of coal/ Lignite as Received excluding biomass	(kcal/kg)	3367		

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Details of Sourcewise fuel for computation of Energy Charges

Part 1
Form - 15 version: 1

Company		NTPC Limited			
Name of the generating Station		Sipat Super Thermal Power Proj-STAGE 01			
Month		January-2024			
SL	Particulars	Unit	COAL-DOMESTIC	COAL - IMPORTED	FUEL:SOLID:BIOMASS PELLETS
A)	OPENING QUANTITY				
1	Opening Stock of coal	MT	188573.54	0.00	0.00
2	Value of Stock	Rs.	395113418.11	0.00	0.00
B)	QUANTITY				
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1518822.84	0.00	0.00
3.01	- Qty Received (Pit Head)	MT	1192713.80	0.00	0.00
3.02	- Qty Received (Non Pit Head)	MT	326109.04	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1518822.84	0.00	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	4994.30	0.00	0.00
6.01	- Normative Loss (Pit Head)	MT	2385.43	0.00	0.00
6.02	- Normative Loss (Non Pit Head)	MT	2608.87	0.00	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1513828.54	0.00	0.00
C)	PRICE				
8	Amount charged by the Coal / Lignite Company	Rs.	2963811220.00	0.00	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00
10	Handling,Sampling and such other Similar charges	Rs.	27833336.91	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs.	2991644556.91	0.00	0.00
D)	TRANSPORTATION				
12	Transportation charges by Rail / Ship / Road Transport	Rs.	121912139.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	0.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	24962030.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	146874169.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	3138518725.91	0.00	0.00
E)	TOTAL COST				
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	2075.67	0.00	0.00
19	Blending Ratio (Domestic/Imported)	%	100.00	0.00	0.00
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	2075.67		
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	2075.67	2075.67	0.00
F)	QUALITY				
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	3997	0	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	3971	0	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	3974		
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	3974	3974	0
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3367	0	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	3676	0	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3642		
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3642	3642	0

Submitted On :16.04.2024

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Details of Sourcewise fuel for computation of Energy Charges

Part 1
Form - 15 version: 1

Company		NTPC Limited			
Name of the generating Station		Sipat Super Thermal Power Proj-STAGE 02			
Month		January-2024			
SL	Particulars	Unit	COAL-DOMESTIC	COAL - IMPORTED	FUEL:SOLID:BIOMASS PELLETS
A)	OPENING QUANTITY				
1	Opening Stock of coal	MT	188573.54	0.00	0.00
2	Value of Stock	Rs.	395113418.11	0.00	0.00
B)	QUANTITY				
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1518822.84	0.00	0.00
3.01	- Qty Received (Pit Head)	MT	1192713.80	0.00	0.00
3.02	- Qty Received (Non Pit Head)	MT	326109.04	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1518822.84	0.00	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	4994.30	0.00	0.00
6.01	- Normative Loss (Pit Head)	MT	2385.43	0.00	0.00
6.02	- Normative Loss (Non Pit Head)	MT	2608.87	0.00	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1513828.54	0.00	0.00
C)	PRICE				
8	Amount charged by the Coal / Lignite Company	Rs.	2963811220.00	0.00	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs.	27833336.91	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs.	2991644556.91	0.00	0.00
D)	TRANSPORTATION				
12	Transportation charges by Rail / Ship / Road Transport	Rs.	121912139.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	0.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	24962030.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	146874169.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	3138518725.91	0.00	0.00
E)	TOTAL COST				
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	2075.67	0.00	0.00
19	Blending Ratio (Domestic/Imported)	%	100.00	0.00	0.00
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	2075.67		
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	2075.67	2075.67	0.00
F)	QUALITY				
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	3997	0	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	3971	0	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	3974		
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	3974	3974	0
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3367	0	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	3676	0	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3642		
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3642	3642	0

Submitted On :16.04.2024

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Details of Source-wise fuel for computation of Energy Charges

Part 1
Form - 15 version: 1

Company		NTPC Limited			
Name of the generating Station		Sipat Super Thermal Power Proj-STAGE 01			
Month		February-2024			
SL	Particulars	Unit	COAL-DOMESTIC	COAL - IMPORTED	FUEL:SOLID:BIOMASS PELLETS
A)	OPENING QUANTITY				
1	Opening Stock of coal	MT	328275.08	0.00	0.00
2	Value of Stock	Rs.	681392457.53	0.00	0.00
B)	QUANTITY				
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1395621.61	0.00	0.00
3.01	- Qty Received (Pit Head)	MT	1000677.68	0.00	0.00
3.02	- Qty Received (Non Pit Head)	MT	394943.93	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1395621.61	0.00	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	5160.91	0.00	0.00
6.01	- Normative Loss (Pit Head)	MT	2001.36	0.00	0.00
6.02	- Normative Loss (Non Pit Head)	MT	3159.55	0.00	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1390460.70	0.00	0.00
C)	PRICE				
8	Amount charged by the Coal / Lignite Company	Rs.	2562225603.01	0.00	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs.	30813469.37	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs.	2593039072.38	0.00	0.00
D)	TRANSPORTATION				
12	Transportation charges by Rail / Ship / Road Transport	Rs.	144207810.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	0.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	21650657.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	165858467.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	2758897539.38	0.00	0.00
E)	TOTAL COST				
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	2001.64	0.00	0.00
19	Blending Ratio (Domestic/Imported)	%	100.00	0.00	0.00
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	2001.64		
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	2001.64	2001.64	0.00
F)	QUALITY				
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	3974	0	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	3967	0	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	3968		
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	3968	3968	0
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3641	0	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	3387	0	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3436		
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3436	3436	0

Submitted On :16.04.2024

Company		NTPC Limited			
Name of the generating Station		Sipat Super Thermal Power Proj-STAGE 02			
Month		February-2024			
SL	Particulars	Unit	COAL-DOMESTIC	COAL - IMPORTED	FUEL:SOLID:BIOMASS PELLETS
A)	OPENING QUANTITY				
1	Opening Stock of coal	MT	328275.08	0.00	0.00
2	Value of Stock	Rs.	681392457.53	0.00	0.00
B)	QUANTITY				
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1395621.61	0.00	0.00
3.01	- Qty Received (Pit Head)	MT	1000677.68	0.00	0.00
3.02	- Qty Received (Non Pit Head)	MT	394943.93	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1395621.61	0.00	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	5160.91	0.00	0.00
6.01	- Normative Loss (Pit Head)	MT	2001.36	0.00	0.00
6.02	- Normative Loss (Non Pit Head)	MT	3159.55	0.00	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1390460.70	0.00	0.00
C)	PRICE				
8	Amount charged by the Coal / Lignite Company	Rs.	2562225603.01	0.00	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs.	30813469.37	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs.	2593039072.38	0.00	0.00
D)	TRANSPORTATION				
12	Transportation charges by Rail / Ship / Road Transport	Rs.	144207810.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	0.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	21650657.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	165858467.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	2758897539.38	0.00	0.00
E)	TOTAL COST				
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	2001.64	0.00	0.00
19	Blending Ratio (Domestic/Imported)	%	100.00	0.00	0.00
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	2001.64		
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	2001.64	2001.64	0.00
F)	QUALITY				
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	3974	0	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	3967	0	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	3968		
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	3968	3968	0
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3641	0	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	3387	0	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3436		
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3436	3436	0

Submitted On :16.04.2024

Company		NTPC Limited			
Name of the generating Station		Sipat Super Thermal Power Proj-STAGE 01			
Month		March-2024			
SL	Particulars	Unit	COAL-DOMESTIC	COAL - IMPORTED	FUEL:SOLID:BIOMASS PELLETS
A)	OPENING QUANTITY				
1	Opening Stock of coal	MT	356649.78	0.00	0.00
2	Value of Stock	Rs.	713884177.49	0.00	0.00
B)	QUANTITY				
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1466845.94	0.00	0.00
3.01	- Qty Received (Pit Head)	MT	941183.52	0.00	0.00
3.02	- Qty Received (Non Pit Head)	MT	525662.42	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1466845.94	0.00	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	6087.67	0.00	0.00
6.01	- Normative Loss (Pit Head)	MT	1882.37	0.00	0.00
6.02	- Normative Loss (Non Pit Head)	MT	4205.30	0.00	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1460758.27	0.00	0.00
C)	PRICE				
8	Amount charged by the Coal / Lignite Company	Rs.	2744648530.64	0.00	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00
10	Handling,Sampling and such other Similar charges	Rs.	41671330.23	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs.	2786319860.87	0.00	0.00
D)	TRANSPORTATION				
12	Transportation charges by Rail / Ship / Road Transport	Rs.	175981870.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	0.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	20523541.32	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	196505411.32	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	2982825272.19	0.00	0.00
E)	TOTAL COST				
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	2034.06	0.00	0.00
19	Blending Ratio (Domestic/Imported)	%	100.00	0.00	0.00
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	2034.06		
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	2034.06	2034.06	0.00
F)	QUALITY				
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	3968	0	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	3933	0	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	3940		
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	3940	3940	0
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3435	0	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	3455	0	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3451		
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3451	3451	0

Submitted On :16.04.2024

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Details of Sourcewise fuel for computation of Energy Charges

Part 1
Form - 15 version: 1

Company		NTPC Limited			
Name of the generating Station		Sipat Super Thermal Power Proj-STAGE 02			
Month		March-2024			
SL	Particulars	Unit	COAL-DOMESTIC	COAL - IMPORTED	FUEL:SOLID:BIOMASS PELLETS
A)	OPENING QUANTITY				
1	Opening Stock of coal	MT	356649.78	0.00	0.00
2	Value of Stock	Rs.	713884177.49	0.00	0.00
B)	QUANTITY				
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1466845.94	0.00	0.00
3.01	- Qty Received (Pit Head)	MT	941183.52	0.00	0.00
3.02	- Qty Received (Non Pit Head)	MT	525662.42	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1466845.94	0.00	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	6087.67	0.00	0.00
6.01	- Normative Loss (Pit Head)	MT	1882.37	0.00	0.00
6.02	- Normative Loss (Non Pit Head)	MT	4205.30	0.00	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1460758.27	0.00	0.00
C)	PRICE				
8	Amount charged by the Coal / Lignite Company	Rs.	2744648530.64	0.00	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00
10	Handling,Sampling and such other Similar charges	Rs.	41671330.23	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs.	2786319860.87	0.00	0.00
D)	TRANSPORTATION				
12	Transportation charges by Rail / Ship / Road Transport	Rs.	175981870.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	0.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	20523541.32	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	196505411.32	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	2982825272.19	0.00	0.00
E)	TOTAL COST				
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	2034.06	0.00	0.00
19	Blending Ratio (Domestic/Imported)	%	100.00	0.00	0.00
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	2034.06		
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	2034.06	2034.06	0.00
F)	QUALITY				
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	3968	0	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	3933	0	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	3940		
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	3940	3940	0
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3435	0	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	3455	0	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3451		
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3451	3451	0

Submitted On :16.04.2024

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:- **Sipat Stage - I****Apr-23**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(KL)	3229.87
2	Value of Opening Stock	(Rs.)	240547077
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(KL)	2908.99
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(KL)	0.00
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(KL)	2908.99
6	Normative transit & Handling losses	(KL)	0.00
7	Net Secondary fuel supplied (5-6)	(KL)	2908.99
8	Amount Charged by the Secondary fuel Company	(Rs.)	22,80,88,165
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	22,80,88,165
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0
14	Demurrage charges , if any	(Rs.)	0
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	22,80,88,165
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./KL	76339.17
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./KL	76339.17
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/KL)	NA
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/KL)	NA
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/KL)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/KL)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/KL)	NA
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/KL)	10663
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/KL)	10574
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/KL)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/KL)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/KL)	10621

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:-**Sipat Stage-II****Apr-23**

S.No.	Particulars	Unit	Domestic Coal
			(i)
1	Opening Stock of Secondary fuel	(MT)	3229.87
2	Value of Opening Stock	(Rs.)	240547077
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(MT)	2908.99
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(MT)	0.00
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(MT)	2908.99
6	Normative transit & Handling losses	(MT)	0.00
7	Net Secondary fuel supplied (5-6)	(MT)	2908.99
8	Amount Charged by the Secondary fuel Company	(Rs.)	228088165
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	22,80,88,165
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00
14	Demurrage charges , if any	(Rs.)	0.00
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	22,80,88,165
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./MT	76339.17
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./MT	76339.17
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/kg)	NA
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/kg)	NA
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/kg)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/kg)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/kg)	NA
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/kg)	10663
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/kg)	10574
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/kg)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/kg)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/kg)	10621

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:- **Sipat Stage - I****May-2023**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(KL)	4851.86
2	Value of Opening Stock	(Rs.)	370386731
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(KL)	0.00
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(KL)	0.00
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(KL)	0.00
6	Normative transit & Handling losses	(KL)	0.00
7	Net Secondary fuel supplied (5-6)	(KL)	0.00
8	Amount Charged by the Secondary fuel Company	(Rs.)	0
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0
14	Demurrage charges , if any	(Rs.)	0
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	0
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./KL	76339.17
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./KL	76339.17
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/KL)	NA
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/KL)	NA
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/KL)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/KL)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/KL)	NA
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/KL)	10621.00
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/KL)	0.00
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/KL)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/KL)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/KL)	10621

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:-**Sipat Stage-II****May-2023**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(MT)	4851.86
2	Value of Opening Stock	(Rs.)	370386731
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(MT)	0.00
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(MT)	0.00
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(MT)	0.00
6	Normative transit & Handling losses	(MT)	0.00
7	Net Secondary fuel supplied (5-6)	(MT)	0.00
8	Amount Charged by the Secondary fuel Company	(Rs.)	0.00
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00
14	Demurrage charges , if any	(Rs.)	0.00
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	0.00
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./MT	76339.17
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./MT	76339.17
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/kg)	NA
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/kg)	NA
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/kg)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/kg)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/kg)	NA
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/kg)	10621
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/kg)	0
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/kg)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/kg)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/kg)	10621

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:- **Sipat Stage - I****Jun-23**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(KL)	4411.86
2	Value of Opening Stock	(Rs.)	336797497
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(KL)	0.00
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(KL)	0.00
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(KL)	0.00
6	Normative transit & Handling losses	(KL)	0.00
7	Net Secondary fuel supplied (5-6)	(KL)	0.00
8	Amount Charged by the Secondary fuel Company	(Rs.)	0
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0
14	Demurrage charges , if any	(Rs.)	0
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	0
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./KL	76339.17
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./KL	76339.17
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/KL)	NA
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/KL)	NA
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/KL)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/KL)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/KL)	NA
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/KL)	10621.00
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/KL)	0.00
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/KL)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/KL)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/KL)	10621

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:-**Sipat Stage-II****Jun-2023**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(MT)	4411.86
2	Value of Opening Stock	(Rs.)	336797497
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(MT)	0.00
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(MT)	0.00
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(MT)	0.00
6	Normative transit & Handling losses	(MT)	0.00
7	Net Secondary fuel supplied (5-6)	(MT)	0.00
8	Amount Charged by the Secondary fuel Company	(Rs.)	0
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00
14	Demurrage charges , if any	(Rs.)	0.00
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	0
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./MT	76339.17
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./MT	76339.17
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/kg)	NA
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/kg)	NA
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/kg)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/kg)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/kg)	NA
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/kg)	10621
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/kg)	0
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/kg)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/kg)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/kg)	10621.00

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:- **Sipat Stage - I****Jul-23**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(KL)	3,592.86
2	Value of Opening Stock	(Rs.)	27,42,75,718
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(KL)	-
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(KL)	-
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(KL)	-
6	Normative transit & Handling losses	(KL)	-
7	Net Secondary fuel supplied (5-6)	(KL)	-
8	Amount Charged by the Secondary fuel Company	(Rs.)	-
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	-
10	Handling, Sampling and such other similar charges	(Rs.)	-
11	Total Amount Charged (8+9+10)	(Rs.)	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-
14	Demurrage charges , if any	(Rs.)	-
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	-
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	-
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./KL	76,339.17
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./KL	76,339.17
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/KL)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/KL)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/KL)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/KL)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/KL)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/KL)	10621
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/KL)	0
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/KL)	N.A.
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/KL)	N.A.
30	Weighted average GCV of Secondary fuel as Received	(kcal/KL)	10621

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:-**Sipat Stage-II****July-2023**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(MT)	3,592.86
2	Value of Opening Stock	(Rs.)	27,42,75,718
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(MT)	0.00
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(MT)	0
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(MT)	0.00
6	Normative transit & Handling losses	(MT)	0
7	Net Secondary fuel supplied (5-6)	(MT)	0.00
8	Amount Charged by the Secondary fuel Company	(Rs.)	0
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0
14	Demurrage charges , if any	(Rs.)	0
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	0
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./MT	76,339.17
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./MT	76,339.17
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/kg)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/kg)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/kg)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/kg)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/kg)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/kg)	10621
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/kg)	0
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/kg)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/kg)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/kg)	10621

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:- **Sipat Stage - I****Aug-23**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(KL)	3096.86
2	Value of Opening Stock	(Rs.)	236411490
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(KL)	3033.64
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(KL)	0.00
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(KL)	3033.64
6	Normative transit & Handling losses	(KL)	0.00
7	Net Secondary fuel supplied (5-6)	(KL)	3033.64
8	Amount Charged by the Secondary fuel Company	(Rs.)	236175259
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	236175259
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00
14	Demurrage charges , if any	(Rs.)	0.00
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	236175259
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./KL	77087.84
19	Blending Ratio		1
20	Weighted Average Cost of Secondary fuel For the month	Rs./KL	77087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/KL)	NA
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/KL)	NA
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/KL)	NA
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/KL)	NA
25	Weighted average GCV of Secondary fuel as Billed	(kcal/KL)	NA
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/KL)	10621
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/KL)	10520
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/KL)	N.A.
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/KL)	N.A.
30	Weighted average GCV of Secondary fuel as Received	(kcal/KL)	10571

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:-**Sipat Stage-II****August-2023**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(MT)	3,096.86
2	Value of Opening Stock	(Rs.)	23,64,11,490
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(MT)	3033.64
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(MT)	0.00
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(MT)	3033.64
6	Normative transit & Handling losses	(MT)	0.00
7	Net Secondary fuel supplied (5-6)	(MT)	3033.64
8	Amount Charged by the Secondary fuel Company	(Rs.)	236175259
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	23,61,75,259
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00
14	Demurrage charges , if any	(Rs.)	0.00
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	23,61,75,259
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./MT	77087.84
19	Blending Ratio		1
20	Weighted Average Cost of Secondary fuel For the month	Rs./MT	77,087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/kg)	NA
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/kg)	NA
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/kg)	NA
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/kg)	NA
25	Weighted average GCV of Secondary fuel as Billed	(kcal/kg)	NA
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/kg)	10621
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/kg)	10520
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/kg)	NA
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/kg)	NA
30	Weighted average GCV of Secondary fuel as Received	(kcal/kg)	10571

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:- **Sipat Stage - I**

			Sep-23
S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(KL)	5,224.50
2	Value of Opening Stock	(Rs.)	40,27,45,169
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(KL)	-
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(KL)	-
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(KL)	-
6	Normative transit & Handling losses	(KL)	-
7	Net Secondary fuel supplied (5-6)	(KL)	-
8	Amount Charged by the Secondary fuel Company	(Rs.)	-
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	-
10	Handling, Sampling and such other similar charges	(Rs.)	-
11	Total Amount Charged (8+9+10)	(Rs.)	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-
14	Demurrage charges , if any	(Rs.)	-
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	-
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	-
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./KL	77,087.84
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./KL	77,087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/KL)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/KL)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/KL)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/KL)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/KL)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/KL)	10571
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/KL)	NA
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/KL)	N.A.
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/KL)	N.A.
30	Weighted average GCV of Secondary fuel as Received	(kcal/KL)	10571

Name of the Petitioner:- **NTPC Ltd.**

Name of the Generating Station:-**Sipat Stage-II**

			Sep-2023
S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(MT)	5,224.50
2	Value of Opening Stock	(Rs.)	40,27,45,169
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(MT)	0.00
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(MT)	0
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(MT)	0.00
6	Normative transit & Handling losses	(MT)	0
7	Net Secondary fuel supplied (5-6)	(MT)	0.00
8	Amount Charged by the Secondary fuel Company	(Rs.)	0
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0
14	Demurrage charges , if any	(Rs.)	0
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	0
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./MT	77,087.84
19	Blending Ratio		1
20	Weighted Average Cost of Secondary fuel For the month	Rs./MT	77,087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/kg)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/kg)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/kg)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/kg)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/kg)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/kg)	10571
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/kg)	NA
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/kg)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/kg)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/kg)	10571

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:- **Sipat Stage - I****Oct-23**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(KL)	5,224.50
2	Value of Opening Stock	(Rs.)	40,27,45,169
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(KL)	-
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(KL)	-
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(KL)	-
6	Normative transit & Handling losses	(KL)	-
7	Net Secondary fuel supplied (5-6)	(KL)	-
8	Amount Charged by the Secondary fuel Company	(Rs.)	-
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	-
10	Handling, Sampling and such other similar charges	(Rs.)	-
11	Total Amount Charged (8+9+10)	(Rs.)	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-
14	Demurrage charges , if any	(Rs.)	-
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	-
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	-
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./KL	77,087.84
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./KL	77,087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/KL)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company.	(kcal/KL)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/KL)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/KL)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/KL)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/KL)	10571
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/KL)	NA
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/KL)	N.A.
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/KL)	N.A.
30	Weighted average GCV of Secondary fuel as Received	(kcal/KL)	10571

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:- **Sipat Stage-II**

Oct-2023

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(MT)	5,224.50
2	Value of Opening Stock	(Rs.)	40,27,45,169
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(MT)	0.00
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(MT)	0
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(MT)	0.00
6	Normative transit & Handling losses	(MT)	0
7	Net Secondary fuel supplied (5-6)	(MT)	0.00
8	Amount Charged by the Secondary fuel Company	(Rs.)	0
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0
14	Demurrage charges , if any	(Rs.)	0
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	0
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./MT	77,087.84
19	Blending Ratio		1
20	Weighted Average Cost of Secondary fuel For the month	Rs./MT	77,087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/kg)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/kg)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/kg)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/kg)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/kg)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/kg)	10571
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/kg)	NA
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/kg)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/kg)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/kg)	10571

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:- **Sipat Stage - I****Nov-23**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(KL)	4,349.50
2	Value of Opening Stock	(Rs.)	33,52,93,313
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(KL)	-
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(KL)	-
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(KL)	-
6	Normative transit & Handling losses	(KL)	-
7	Net Secondary fuel supplied (5-6)	(KL)	-
8	Amount Charged by the Secondary fuel Company	(Rs.)	-
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	-
10	Handling, Sampling and such other similar charges	(Rs.)	-
11	Total Amount Charged (8+9+10)	(Rs.)	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-
14	Demurrage charges , if any	(Rs.)	-
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	-
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	-
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./KL	77,087.84
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./KL	77,087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/KL)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/KL)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/KL)	N.A.
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/KL)	N.A.
25	Weighted average GCV of Secondary fuel as Billed	(kcal/KL)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/KL)	10571
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/KL)	N.A.
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/KL)	N.A.
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/KL)	N.A.
30	Weighted average GCV of Secondary fuel as Received	(kcal/KL)	10571

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:-**Sipat Stage-II****Nov-2023**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(MT)	4,349.50
2	Value of Opening Stock	(Rs.)	33,52,93,313
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(MT)	0.00
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(MT)	0
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(MT)	0.00
6	Normative transit & Handling losses	(MT)	0
7	Net Secondary fuel supplied (5-6)	(MT)	0.00
8	Amount Charged by the Secondary fuel Company	(Rs.)	0
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0
14	Demurrage charges , if any	(Rs.)	0
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	0
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./MT	77,087.84
19	Blending Ratio		1
20	Weighted Average Cost of Secondary fuel For the month	Rs./MT	77,087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/kg)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/kg)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/kg)	N.A.
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/kg)	N.A.
25	Weighted average GCV of Secondary fuel as Billed	(kcal/kg)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/kg)	10571
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/kg)	N.A.
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/kg)	N.A.
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/kg)	N.A.
30	Weighted average GCV of Secondary fuel as Received	(kcal/kg)	10571

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:- **Sipat Stage - I****Dec-23**

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(KL)	3,851.50
2	Value of Opening Stock	(Rs.)	29,69,03,570
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(KL)	-
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(KL)	-
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(KL)	-
6	Normative transit & Handling losses	(KL)	-
7	Net Secondary fuel supplied (5-6)	(KL)	-
8	Amount Charged by the Secondary fuel Company	(Rs.)	-
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	-
10	Handling, Sampling and such other similar charges	(Rs.)	-
11	Total Amount Charged (8+9+10)	(Rs.)	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-
14	Demurrage charges , if any	(Rs.)	-
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	-
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	-
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./KL	77,087.84
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./KL	77,087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/KL)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/KL)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/KL)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/KL)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/KL)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/KL)	10571
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/KL)	N.A.
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/KL)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/KL)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/KL)	10571

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:-**Sipat Stage-II**

Dec-2023

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(MT)	3,851.50
2	Value of Opening Stock	(Rs.)	29,69,03,570
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(MT)	0.00
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(MT)	0
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(MT)	0.00
6	Normative transit & Handling losses	(MT)	0
7	Net Secondary fuel supplied (5-6)	(MT)	0.00
8	Amount Charged by the Secondary fuel Company	(Rs.)	0
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0
14	Demurrage charges , if any	(Rs.)	0
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	0
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./MT	77,087.84
19	Blending Ratio		1
20	Weighted Average Cost of Secondary fuel For the month	Rs./MT	77,087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/kg)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/kg)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/kg)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/kg)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/kg)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/kg)	10571
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/kg)	N.A.
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/kg)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/kg)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/kg)	10571

Name of the Petitioner:- **NTPC Ltd.****SECONDARY FUEL**Name of the Generating Station:- **Sipat Stage - I**

Jan-24

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(KL)	3,224.50
2	Value of Opening Stock	(Rs.)	24,85,69,497
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(KL)	-
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(KL)	-
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(KL)	-
6	Normative transit & Handling losses	(KL)	-
7	Net Secondary fuel supplied (5-6)	(KL)	-
8	Amount Charged by the Secondary fuel Company	(Rs.)	-
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	-
10	Handling, Sampling and such other similar charges	(Rs.)	-
11	Total Amount Charged (8+9+10)	(Rs.)	-
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	-
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	-
14	Demurrage charges , if any	(Rs.)	-
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	-
16	Total Transportation Charges (12-13+14+15)	(Rs.)	-
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	-
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./KL	77,087.84
19	Blending Ratio		1.00
20	Weighted Average Cost of Secondary fuel For the month	Rs./KL	77,087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/KL)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/KL)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/KL)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/KL)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/KL)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/KL)	10571
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/KL)	0
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/KL)	N.A.
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/KL)	N.A.
30	Weighted average GCV of Secondary fuel as Received	(kcal/KL)	10571

Name of the Petitioner:- **NTPC Ltd.**

Name of the Generating Station:-**Sipat Stage-II**

Jan-2024

S.No.	Particulars	Unit	LDO
			(i)
1	Opening Stock of Secondary fuel	(MT)	3,224.50
2	Value of Opening Stock	(Rs.)	24,85,69,497
3	Quantity of Secondary fuel supplied by Secondary fuel Company	(MT)	0.00
4	Adjustment (-) in quantity supplied by Secondary fuel Company	(MT)	0
5	Secondary fuel Supplied by Secondary fuel Company (3-4)	(MT)	0.00
6	Normative transit & Handling losses	(MT)	0
7	Net Secondary fuel supplied (5-6)	(MT)	0.00
8	Amount Charged by the Secondary fuel Company	(Rs.)	0
9	Adjustment (+/-) in amount charged by Secondary fuel Company	(Rs.)	0
10	Handling, Sampling and such other similar charges	(Rs.)	0
11	Total Amount Charged (8+9+10)	(Rs.)	0
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0
14	Demurrage charges , if any	(Rs.)	0
15	Cost of diesel in transporting Secondary fuel through MGR system if applicable	(Rs.)	0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0
17	Total amount charged for Secondary fuel supplied including transportation (11+16)	(Rs.)	0
18	Landed cost of Secondary fuel (2+17) / (1+7)	Rs./MT	77,087.84
19	Blending Ratio		1
20	Weighted Average Cost of Secondary fuel For the month	Rs./MT	77,087.84
21	GCV of Domestic Secondary fuel of the opening Secondary fuel stock as per bill of Secondary fuel Company	(kcal/kg)	N.A.
22	GCV of Domestic Secondary fuel supplied as per bill of Secondary fuel Company,	(kcal/kg)	N.A.
23	GCV of Imported Secondary fuel of the opening stock as per bill Secondary fuel Company	(kcal/kg)	
24	GCV of Imported Secondary fuel supplied as per bill Secondary fuel Company	(kcal/kg)	
25	Weighted average GCV of Secondary fuel as Billed	(kcal/kg)	N.A.
26	GCV of Domestic Secondary fuel of the opening stock as received at Station	(kcal/kg)	10571
27	GCV of Domestic Secondary fuel supplied as received at Station	(kcal/kg)	0
28	GCV of Imported Secondary fuel of opening stock as received at Station	(kcal/kg)	
29	GCV of Imported Secondary fuel supplied as received at Station	(kcal/kg)	
30	Weighted average GCV of Secondary fuel as Received	(kcal/kg)	10571

Details of Sourcewise fuel for computation of Energy Charges

Company	NTPC Limited
Name of the generating Station	Sipat Super Thermal Power Proj(STAGE 01)
Month	February-2024

SL	Particulars	Unit	LDO	HFO	HSD
A) OPENING QUANTITY					
1	Opening Stock Of Oil	KL	3224.497	0.000	0.000
2	Value Of Stock	Rs.	248569496.74	0.00	0.00
B) QUANTITY					
3	Quantity Of Oil Supplied By Oil Company	KL	0.000	0.000	0.000
4	Adjustment (+/-) In Quantity Supplied Made By Oil Company	KL	0.000	0.000	0.000
5	Oil Supplied By Oil Company (3+4)	KL	0.000	0.000	0.000
6	Normative Transit & Handling Losses	KL	0.000	0.000	0.000
7	Net Oil Supplied (5 - 6)	KL	0.000	0.000	0.000
C) PRICE					
8	Amount Charged By The Oil Company	Rs.	0.00	0.00	0.00
9	Adjustment (+ / -) In Amount Charged By Oil Company	Rs.	0.00	0.00	0.00
10	Handling, Sampling And Such Other Similar Charges	Rs.	0.00	0.00	0.00
11	Total Amount Charged (8 +9+10)	Rs.	0.00	0.00	0.00
D) TRANSPORTATION					
12	Transportation Charges By Rail / Ship / Road Transport	Rs.	0.00	0.00	0.00
13	Adjustment (+/-) In Amount Charged By Railways/Transport	Rs.	0.00	0.00	0.00
14	Demurrage Charges, If Any	Rs.	0.00	0.00	0.00
15	Cost Of Diesel InTransporting Coal Through MGR System	Rs.	0.00	0.00	0.00
16	Total Transportation Charges (12+/- 13 - 14 + 15)	Rs.	0.00	0.00	0.00
17	Total Amount Charged For Oil Supplied Incl Transportation (11+16)	Rs.	0.00	0.00	0.00
E) TOTAL COST					
18	Landed Cost Of Oil (LDO/HFO) (2+17) / (1+7)	Rs.	77087.84	0.00	0.00
19	Blending Ratio		1.000	0.000	0.000
20	Weighted Average Cost Of Oil	Rs.	77087.84		
F) QUALITY					
21	GCV Of Oil Of The Opening Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
22	GCV Of Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
23	GCV Of Imported Oil Of The Op Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
24	GCV Of Imported Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
25	Weighted Average GCV Of Oil As Billed	Kcal/Ltr	0	0	0
26	GCV Of Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
27	GCV Of Oil Supplied	Kcal/Ltr	10571	0	0
28	GCV Of Imported Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
29	GCV Of Imported Oil Supplied As Received At Station	Kcal/Ltr	0	0	0
30	Weighted Average GCV Of Oil	Kcal/Ltr	10571		

Submitted on :02.03.2024

Details of Sourcewise fuel for computation of Energy Charges

Company	NTPC Limited
Name of the generating Station	Sipat Super Thermal Power Proj(STAGE 02)
Month	February-2024

SL	Particulars	Unit	LDO	HFO	HSD
A)	OPENING QUANTITY				
1	Opening Stock Of Oil	KL	3224.497	0.000	0.000
2	Value Of Stock	Rs.	248569496.74	0.00	0.00
B)	QUANTITY				
3	Quantity Of Oil Supplied By Oil Company	KL	0.000	0.000	0.000
4	Adjustment (+/-) In Quantity Supplied Made By Oil Company	KL	0.000	0.000	0.000
5	Oil Supplied By Oil Company (3+4)	KL	0.000	0.000	0.000
6	Normative Transit & Handling Losses	KL	0.000	0.000	0.000
7	Net Oil Supplied (5 - 6)	KL	0.000	0.000	0.000
C)	PRICE				
8	Amount Charged By The Oil Company	Rs.	0.00	0.00	0.00
9	Adjustment (+ / -) In Amount Charged By Oil Company	Rs.	0.00	0.00	0.00
10	Handling, Sampling And Such Other Similar Charges	Rs.	0.00	0.00	0.00
11	Total Amount Charged (8 +9+10)	Rs.	0.00	0.00	0.00
D)	TRANSPORTATION				
12	Transportation Charges By Rail / Ship / Road Transport	Rs.	0.00	0.00	0.00
13	Adjustment (+/-) In Amount Charged By Railways/Transport	Rs.	0.00	0.00	0.00
14	Demurrage Charges, If Any	Rs.	0.00	0.00	0.00
15	Cost Of Diesel InTransporting Coal Through MGR System	Rs.	0.00	0.00	0.00
16	Total Transportation Charges (12+/- 13 - 14 + 15)	Rs.	0.00	0.00	0.00
17	Total Amount Charged For Oil Supplied Incl Transportation (11+16)	Rs.	0.00	0.00	0.00
E)	TOTAL COST				
18	Landed Cost Of Oil (LDO/HFO) (2+17) / (1+7)	Rs.	77087.84	0.00	0.00
19	Blending Ratio		1.000	0.000	0.000
20	Weighted Average Cost Of Oil	Rs.	77087.84		
F)	QUALITY				
21	GCV Of Oil Of The Opening Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
22	GCV Of Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
23	GCV Of Imported Oil Of The Op Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
24	GCV Of Imported Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
25	Weighted Average GCV Of Oil As Billed	Kcal/Ltr	0	0	0
26	GCV Of Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
27	GCV Of Oil Supplied	Kcal/Ltr	10571	0	0
28	GCV Of Imported Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
29	GCV Of Imported Oil Supplied As Received At Station	Kcal/Ltr	0	0	0
30	Weighted Average GCV Of Oil	Kcal/Ltr	10571		

Submitted on :02.03.2024

Details of Sourcewise fuel for computation of Energy Charges

Company	NTPC Limited
Name of the generating Station	Sipat Super Thermal Power Proj(STAGE 01)
Month	March-2024

SL	Particulars	Unit	LDO	HFO	HSD
A)	OPENING QUANTITY				
1	Opening Stock Of Oil	KL	3224.500	0.000	0.000
2	Value Of Stock	Rs.	248569497.00	0.00	0.00
B)	QUANTITY				
3	Quantity Of Oil Supplied By Oil Company	KL	0.000	0.000	0.000
4	Adjustment (+/-) In Quantity Supplied Made By Oil Company	KL	0.000	0.000	0.000
5	Oil Supplied By Oil Company (3+4)	KL	0.000	0.000	0.000
6	Normative Transit & Handling Losses	KL	0.000	0.000	0.000
7	Net Oil Supplied (5 - 6)	KL	0.000	0.000	0.000
C)	PRICE				
8	Amount Charged By The Oil Company	Rs.	0.00	0.00	0.00
9	Adjustment (+ / -) In Amount Charged By Oil Company	Rs.	0.00	0.00	0.00
10	Handling, Sampling And Such Other Similar Charges	Rs.	0.00	0.00	0.00
11	Total Amount Charged (8 +9+10)	Rs.	0.00	0.00	0.00
D)	TRANSPORTATION				
12	Transportation Charges By Rail / Ship / Road Transport	Rs.	0.00	0.00	0.00
13	Adjustment (+/-) In Amount Charged By Railways/Transport	Rs.	0.00	0.00	0.00
14	Demurrage Charges, If Any	Rs.	0.00	0.00	0.00
15	Cost Of Diesel InTransporting Oil Through MGR System	Rs.	0.00	0.00	0.00
16	Total Transportation Charges (12+/- 13 - 14 + 15)	Rs.	0.00	0.00	0.00
17	Total Amount Charged For Oil Supplied Incl Transportation (11+16)	Rs.	0.00	0.00	0.00
E)	TOTAL COST				
18	Landed Cost Of Oil (LDO/HFO) (2+17) / (1+7)	Rs.	77087.77	0.00	0.00
19	Blending Ratio		1.000	0.000	0.000
20	Weighted Average Cost Of Oil	Rs.	77087.77		
F)	QUALITY				
21	GCV Of Oil Of The Opening Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
22	GCV Of Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
23	GCV Of Imported Oil Of The Op Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
24	GCV Of Imported Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
25	Weighted Average GCV Of Oil As Billed	Kcal/Ltr	0	0	0
26	GCV Of Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
27	GCV Of Oil Supplied	Kcal/Ltr	10571	0	0
28	GCV Of Imported Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
29	GCV Of Imported Oil Supplied As Received At Station	Kcal/Ltr	0	0	0
30	Weighted Average GCV Of Oil	Kcal/Ltr	10571		

Submitted on :02.04.2024

Details of Sourcewise fuel for computation of Energy Charges

Company	NTPC Limited
Name of the generating Station	Sipat Super Thermal Power Proj(STAGE 02)
Month	March-2024

SL	Particulars	Unit	LDO	HFO	HSD
A)	OPENING QUANTITY				
1	Opening Stock Of Oil	KL	3224.500	0.000	0.000
2	Value Of Stock	Rs.	248569497.00	0.00	0.00
B)	QUANTITY				
3	Quantity Of Oil Supplied By Oil Company	KL	0.000	0.000	0.000
4	Adjustment (+/-) In Quantity Supplied Made By Oil Company	KL	0.000	0.000	0.000
5	Oil Supplied By Oil Company (3+4)	KL	0.000	0.000	0.000
6	Normative Transit & Handling Losses	KL	0.000	0.000	0.000
7	Net Oil Supplied (5 - 6)	KL	0.000	0.000	0.000
C)	PRICE				
8	Amount Charged By The Oil Company	Rs.	0.00	0.00	0.00
9	Adjustment (+ / -) In Amount Charged By Oil Company	Rs.	0.00	0.00	0.00
10	Handling, Sampling And Such Other Similar Charges	Rs.	0.00	0.00	0.00
11	Total Amount Charged (8 +9+10)	Rs.	0.00	0.00	0.00
D)	TRANSPORTATION				
12	Transportation Charges By Rail / Ship / Road Transport	Rs.	0.00	0.00	0.00
13	Adjustment (+/-) In Amount Charged By Railways/Transport	Rs.	0.00	0.00	0.00
14	Demurrage Charges, If Any	Rs.	0.00	0.00	0.00
15	Cost Of Diesel InTransporting Oil Through MGR System	Rs.	0.00	0.00	0.00
16	Total Transportation Charges (12+/- 13 - 14 + 15)	Rs.	0.00	0.00	0.00
17	Total Amount Charged For Oil Supplied Incl Transportation (11+16)	Rs.	0.00	0.00	0.00
E)	TOTAL COST				
18	Landed Cost Of Oil (LDO/HFO) (2+17) / (1+7)	Rs.	77087.77	0.00	0.00
19	Blending Ratio		1.000	0.000	0.000
20	Weighted Average Cost Of Oil	Rs.	77087.77		
F)	QUALITY				
21	GCV Of Oil Of The Opening Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
22	GCV Of Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
23	GCV Of Imported Oil Of The Op Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
24	GCV Of Imported Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
25	Weighted Average GCV Of Oil As Billed	Kcal/Ltr	0	0	0
26	GCV Of Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
27	GCV Of Oil Supplied	Kcal/Ltr	10571	0	0
28	GCV Of Imported Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
29	GCV Of Imported Oil Supplied As Received At Station	Kcal/Ltr	0	0	0
30	Weighted Average GCV Of Oil	Kcal/Ltr	10571		

Submitted on :02.04.2024

Form-I

Particulars	
1. Name of the Petitioner/Applicant	NTPC Limited
2. Address of the Petitioner/Applicant	SCOPE Complex, Core -7, Institutional Area, Lodhi Road, New Delhi – 110 003
3. Subject Matter	Payment of Annual Tariff Filing fees for NTPC Stations for FY 2024-25 as per CERC (Payment of Fees) (Third Amendment) Regulations, 2022
4. Petition No., if any	As per Enclosed Sheet (Annexure A)
5. Details of generation assets a) Generating station/units b) Capacity in MW c) Date of commercial operation d) Period for which fee paid e) Amount of fee paid f) Surcharge, if any	As per Enclosed Sheet (Annexure A)
6. Details of transmission assets a) Transmission line and sub-stations b) Date of commercial operation c) Period for which fee paid d) Amount of fee paid e) Surcharge, if any	N.A.
7. Fee paid for Adoption of tariff for a) Generation asset b) Transmission asset	N.A.
8. Application fee for licence a) Trading licence b) Transmission licence c) Period for which paid d) Amount of fee paid	N.A.
9. Fees paid for Miscellaneous Application	N.A.
10. Fees paid for Interlocutory Application	N.A.



11. Fee paid for Regulatory Compliance petition	N.A.
12. Fee paid for Review Application	N.A.
13. License fee for inter-State Trading a) Category b) Period c) Amount of fee paid d) Surcharge, if any	N.A.
14. License fee for inter-State Transmission a) Expected/Actual transmission charge b) Period c) Amount of fee calculated as a percentage of transmission charge. d) Surcharge, if any	N.A.
15. Annual Registration Charge for Power Exchange a) Period b) Amount of turnover c) Fee paid d) Surcharge, if any	N.A.
16. Details of fee remitted a) Transaction id/ Reference No./ Payment id b) Date of remittance c) Amount remitted	37c568eba62158b7b321 24.04.2024 Rs. 256553700.00/-
Note: While Sl. Nos. 1 to 3 and 16 are compulsory, the rest may be filled up as applicable	
Signature of the authorized signatory with date	

[Signature]
Dt. 27.04.2024
हर्षित शर्मा / HARSHIT SHARMA
वरिष्ठ प्रबन्धक (वणिज्यिक)
Sr. Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC Limited
9A, Sector-24, NOIDA-201301 (U.P.)

CERC Filing Fees For FY 2024-25 For NTPC Stations

Annexure - I

S.No	Region	Station Name	Capacity as on 01.04.2024 (in MW)	Filling fees for 2024-25 (in Rs.) Rounded off to nearest hundred as per CERC Regulation
1	NR	Feroze Gandhi Unchahar Thermal Power Station-I	420	18,48,000
2	NR	Feroze Gandhi Unchahar Thermal Power Station-II	420	18,48,000
3	NR	Feroze Gandhi Unchahar Thermal Power Station-III	210	9,24,000
4	NR	Feroze Gandhi Unchahar Thermal Power Station-IV	500	22,00,000
5	NR	National capital Power Project Dadri Stage-I	840	36,96,000
6	NR	National capital Power Project Dadri Stage-II	980	43,12,000
7	NR	Tanda Thermal Power Station	440	19,36,000
8	NR	Tanda Super Thermal Power Station Stage-II	1320	58,08,000
9	NR	Singrauli Super thermal Power Station	2000	88,00,000
10	NR	Rihand Super Thermal Power Station-I	1000	44,00,000
11	NR	Rihand Super Thermal Power Station-II	1000	44,00,000
12	NR	Rihand Super Thermal Power Station-III	1000	44,00,000
13	NR	Dadri Gas Power Station	829.78	36,51,000
14	NR	Anta Gas Power Station	419.33	18,45,100
15	NR	Auraiya Gas Power Station	663.36	29,18,800
16	NR	Faridabad Gas Power Station	431.586	18,99,000
17	ER	Farakka Super Thermal Power Station, Stage-I&II	1600	70,40,000
18	ER	Farakka Super Thermal Power Station, Stage-III	500	22,00,000
19	ER	Kahalgaoon Super Thermal Power Station Stage-I	840	36,96,000
20	ER	Kahalgaoon Super Thermal Power Station Stage-II	1500	66,00,000
21	ER	Bongaigaon TPS	750	33,00,000
22	ER	Barh Super Thermal Power Station-I	1320	58,08,000
23	ER	Barh Super Thermal Power Station-II	1320	58,08,000
24	ER	Barauni TPS Stage-II	500	22,00,000
25	ER	Talcher Super Thermal Power Station Stage-I	1000	44,00,000
26	ER	Darlipali Super Thermal Power Station-I	1600	70,40,000
27	ER	North Karanpura Super Thermal Power Station	1320	58,08,000
28	ER	Nabinagar Super Thermal Power Station	1980	87,12,000
29	ER	Muzaffarpur Thermal Power Station Stage-II	390	17,16,000
30	WR	Korba Super Thermal Power Station, Stage-I&II	2100	92,40,000
31	WR	Korba Super Thermal Power Station, Stage-III	500	22,00,000
32	WR	Jhanor Gandhar Gas Power Project	657.39	28,92,500
33	WR	Kawas Gas Power Project	656.2	28,87,300
34	WR	Sipat Super Thermal Power Project Stage-I	1980	87,12,000

CERC Filing Fees For FY 2024-25 For NTPC Stations

Annexure -

S.No	Region	Station Name	Capacity as on 01.04.2024 (in MW)	Filling fees for 2024-25 (in Rs.) Rounded off to nearest hundred as per CERC Regulation
35	WR	Sipat Super Thermal Power Project Stage-II	1000	44,00,000
36	WR	Vindhyachal Super Thermal Power Station-I	1260	55,44,000
37	WR	Vindhyachal Super Thermal Power Station-II	1000	44,00,000
38	WR	Vindhyachal Super Thermal Power Station-III	1000	44,00,000
39	WR	Vindhyachal Super Thermal Power Station-IV	1000	44,00,000
40	WR	Vindhyachal Super Thermal Power Station-V	500	22,00,000
41	WR	Mouda Super Thermal Power Station I	1000	44,00,000
42	WR	Mouda Super Thermal Power Station II	1320	58,08,000
43	WR	Solapur Super Thermal Power Station	1320	58,08,000
44	WR	Gadarwara Super Thermal Power Station	1600	70,40,000
45	WR	Lara Super Thermal Power Station	1600	70,40,000
46	WR	Khargone Super Thermal Power Project	1320	58,08,000
47	SR	Talcher Super Thermal Power Station Stage-II	2000	88,00,000
48	SR	Ramagundam STPS Stage-I&II	2100	92,40,000
49	SR	Ramagundam STPS Stage- III	500	22,00,000
50	SR	Simadhri Thermal Power Station, Stage-I	1000	44,00,000
51	SR	Simadhri Thermal Power Station Stage-II	1000	44,00,000
52	SR	Kudgi Super Thermal Power station	2400	1,05,60,000
53	SR	Telangana Super Thermal Power Station	1600	70,40,000
54	HYDRO	Koldam Hydro	800	35,20,000
		TOTAL	58307.646	25,65,53,700

AS Pandey
 आनंद सागर पाण्डेय/ANAND SAGAR PANDEY
 महाप्रबंधक (वाणिज्यिक)
 General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED

H Sharma
 17/04/2024
 हर्षित शर्मा / HARSHIT SHARMA
 वरिष्ठ प्रबंधक (वाणिज्यिक)
 Sr. Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC Limited
 E-3, A-8A Sector-24 NOIDA-201301 (U.P.)

Fee Acknowledgement**Counterfoil (Office Copy)**

Transaction Id.: 37c568eba62158b7b321
Payment 19716455492
Gateway ID:
Status: success

Received From : NTPC Limited

The Sum of Rs. : 256553700

Fee Type: Annual Fees for Determination of
Tariff Generating Station(GT) **Dated :** Apr 24, 2024, 2:56 PM

Fee Mode: NB

Fee Period: 2024-25

Petitioner/ Organisation NTPC Limited
Name:

छत्तीसगढ़ शासन
जल संसाधन विभाग
मंत्रालय
दाऊ कल्याण सिंह भवन, रायपुर, छ.ग.

क्रमांक...../7-ए/जसं./तशा/औजप्र/02/डी-4, दिनांक /05/2010

—: अधिसूचना —:

छत्तीसगढ़ सिंचाई अधिनियम-1931 (क्र.-3, सन् 1931) के अधीन विरचित नियमों के उपबंधों के साथ पठित उक्त अधिनियम की धारा-37 तथा 40 द्वारा प्रदत्त शक्तियों को प्रयोग में लाते हुए जल संसाधन विभाग की अधिसूचना क्रमांक-1819/7-ए/जसं./तशा/औजप्र/02/डी-4, रायपुर, दिनांक 21.03.2006 को अधिष्ठित करते हुए, राज्य सरकार एतद् द्वारा संपूर्ण राज्य में औद्योगिक प्रयोजन, ताप विद्युत तथा जल विद्युत परियोजनाओं के लिये निम्नलिखित जल-दर निर्धारित करती है :-

क्र.	उपयोग का प्रकार	विशेष विवरण	जल-दर
1.	औद्योगिक प्रयोजन/ताप विद्युत प्रयोजन	अ शासकीय स्त्रोत :- 1 बांध/जलाशय से ... 2. नहर प्रणाली से ... ब नैसर्गिक/स्वनिर्मित स्त्रोत से	रु. 6.00 प्रति घ.मी. रु. 7.00 प्रति घ.मी. रु. 2.00 प्रति घ.मी.
2.	जल विद्युत प्रयोजन (जल के उपयोग पश्चात पुनः प्राप्ति)	अ अशासकीय स्त्रोत :- 1 बांध/जलाशय से 2. नहर प्रणाली से ब नैसर्गिक/स्वनिर्मित स्त्रोत से	60 (साठ) पैसे/विद्युत इकाई उत्पादन एवं 200 (दो सौ) पैसे/100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस 70 (सत्तर) पैसे/विद्युत इकाई उत्पादन एवं 250 (दो सौ पचास) पैसे/100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस 20 (बीस) पैसे/विद्युत इकाई उत्पादन पर

- उपरोक्तानुसार निर्धारित जल-दर दिनांक 01.05.2010 से प्रभावशील रहेंगी। इसमें प्रतिवर्ष 15 प्रतिशत की वृद्धि होगी।
- जल का उपयोग प्रारंभ करने के पूर्व शासन के अनुमोदन उपरांत प्रारूप-7 (क) में अनुबंध निष्पादित किया जायेगा।
- उपरोक्त दरों का पुनर्निर्धारण प्रति 3 वर्ष के पश्चात किया जायेगा।
- निजी संयंत्रों द्वारा निस्सारित किये जाने वाले जल का निस्सारण राज्य प्रदूषण नियंत्रण मंडल के नियमों के अनुसार नहीं करने पर दोषी संस्थानों को नियमानुसार दण्डित किया जावेगा।

छत्तीसगढ़ के राज्यपाल के नाम से
तथा आदेशानुसार

(सी.के. खेतान)
सचिव,

जल संसाधन विभाग,
मंत्रालय, रायपुर



छत्तीसगढ़ CHHATTISGARH

02AA 797486

एन.टी.पी.सी. लिमिटेड के सीपत सुपर थर्मल पावर प्रोजेक्ट को हसदेव
दायीं तट नहर से जल प्रदाय करने के लिये करार का प्ररूप

प्ररूप 7- (क)

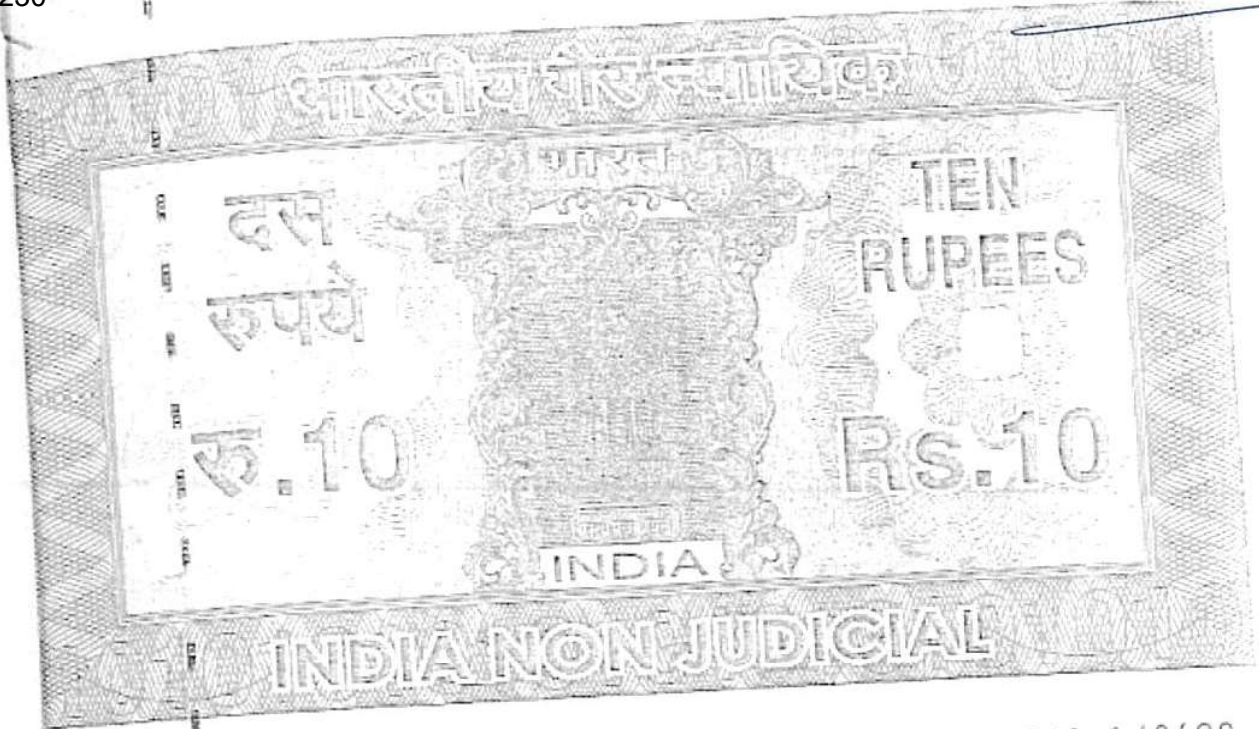
(नियम 71-क देखिये)

सह करार आज दिनांक 25 माह नवम्बर सन् 2009 को प्रथम पक्ष जल संसाधन विभाग के कार्यपालन अभियंता, हसदेव बरौज जल प्रबंध संभाग, रामपुर/कोरवा द्वारा कार्य करते हुए छत्तीसगढ़ राज्य के राज्यपाल (जिन्हे इसमें इसके पश्चात् छ.ग. जल संसाधन विभाग के नाम से निर्दिष्ट किया गया है) जिस अभिव्यक्ति में, जहां तक कि संदर्भ से वैसा अनुमत हो, उनके पदीय उत्तराधिकारी, अभिहस्तांकित सन्मिलित हैं तथा द्वितीय पक्ष एन.टी.पी.सी. सीपत जो भारतीय कंपनी अधिनियम 1955(1956 का 1) के अधीन रजिस्ट्रीकृत / गठित है तथा जिसका रजिस्ट्रीकृत कार्यालय रकोप काम्पलेक्स कोर-7, नई दिल्ली में स्थित है, (जिसे इसके पश्चात् कंपनी के नाम से निर्दिष्ट किया गया है) जिस अभिव्यक्ति में जब तक कि संदर्भ द्वारा उसे अपवर्जित न कर दिया जाये या संदर्भ से अन्यथा प्रतिकूल न हों, उसके अर्थ के अंतर्गत उसके उत्तराधिकारी, अभिहस्तांकित सन्मिलित हैं, के बीच किया गया है :-

कार्यपालन अभियंता
हसदेव बरौज जल प्रबंध संभाग,
रामपुर/कोरवा (छ.ग.)

जयदेव नन्दा
Jayadeb Nanda
सहप्रबंधक (ग्रामर)
General Manager (In-charge)
एन टी पी सी डि सीपत, बिलासपुर
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चूंकि कंपनी ने छत्तीसगढ़ सरकार को हसदेव दांयी तट मुख्य नहर के आर.डी. 37950 मी. से, (जिसे इसमें इसके पश्चात उक्त शासकीय जल स्रोत, के नाम से निर्दिष्ट किया गया है), प्रति माह 1,00,00,000 (एक करोड़) घनमीटर जल एन.टी.पी. सी. सीपत सुपर थर्मल पावर प्रोजेक्ट सीपत जिला बिलासपुर (छ.ग.) के उपयोग के लिये, जो सीपत, जिला बिलासपुर में स्थापित किया जाना है, (जिसे इसमें इसके पश्चात 'उक्त संयंत्र' के नाम से निर्दिष्ट किया गया है) लेने तथा कारखाने के निस्सारित जल के निकास हेतु गृहगत तथा सतही नल तथा नालियाँ बिछाने हेतु अनुज्ञा के लिये आवेदन किया है।

और चूंकि सरकार, इसमें इसके पश्चात दिये गये निबंधनों तथा दी गई शर्तों पर एन.टी.पी.सी. सीपत को स्वयं के व्यय पर 'उक्त शासकीय जल स्रोत' से जल के उपयोग हेतु उपरोक्त अनुज्ञा देने हेतु सहमत हो गई है,

और चूंकि एन.टी.पी.सी. सीपत ने इस लेख के निष्पादन के पूर्व एन.टी.पी.सी. सीपत द्वारा 3 माहों में ली जाने वाली जल की मात्रा के लिये जलकर तथा स्थानीय निधि उपकर के रूप में सरकार के पास रुपये 10.80 करोड़ (रुपये दस करोड़ अस्सी लाख केवल) की उक्त धनराशि चेक क्र. 803566 दिनांक 31.03.06 रुपये 4.50 करोड़ एवं चेक क्र. 807651 दिनांक 14.12.06 रु. 6.30 करोड़ कुल 10.80 करोड़ जमा कर दी गई है।

और चूंकि यह करार हो गया है कि रुपये 10.80 करोड़ (रुपये दस करोड़ अस्सी लाख केवल) की उक्त राशि पर कोई ब्याज देय नहीं होगा।

हसदेव वरीज जल प्रबंध संभाग,

Jayadeb Nanda
प्रबन्धक (जनरी)
General Manager (In-charge)
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अतः अब यह करार निम्नलिखित बातों का साक्षी है :-

1. आदेश क्रमांक 4195/7/ज.सं./त.शा./औ.ज.प्र./2001/डी-4, रायपुर दिनांक 26.11.2001 एवं पत्र क्रमांक 4554/7/W.R./Tech./I.W.S./D-4 रायपुर, दिनांक 20.12.2001 एवं उक्त आबंटन आदेश का पुनः प्रतिष्ठापन (Restoration) छत्तीसगढ़ शासन जल संसाधन विभाग मंत्रालय रायपुर के पृष्ठांकन क्रमांक 6494/29/4/31/96/म/औ.ज.प्र./डी-4, रायपुर, दिनांक 31.10.2009 (जल आबंटन एवं कार्यकारी निर्देश इत्यादि) भी इस करार का एक भाग होगा।
2. एन.टी.पी.सी. सीपत द्वारा इसके पश्चात् विनिर्दिष्ट किये गये अनुसार सरकार को सम्यक रूप से भुगतान किये जाने तथा इसमें अंतर्विष्ट प्रसविदाओं तथा शर्तों दोनों का पालन करने के प्रतिफल स्वरूप सरकार एतद् द्वारा कंपनी को तारीख 25 माह नवम्बर सन् 2009 से प्रारंभ होने वाली 30 वर्षों की कालावधि के लिये इसमें अंतर्विष्ट निबंधनों तथा शर्तों पर एन.टी.पी.सी. सीपत के उक्त संयंत्र के लिये उक्त शासकीय जल स्रोत से 328767 घनमीटर जल प्रतिदिन लेने की अनुज्ञा देती है। एतद् द्वारा दी गई अनुज्ञा छत्तीसगढ़ सिंचाई अधिनियम, 1931 (क्रमांक 3 सन् 1931) तथा समय-समय पर, सरकार द्वारा इस विमित जारी किये गये तथा तत्समय प्रवृत्त किन्हीं कार्यपालिक आदेशों के अध्वधीन होगी।

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हस्तक्षेप वरौज जल प्रबंध संभाग,
(छत्तीसगढ़)

जयदेव नन्दा
Jayadeb Nanda
नियंत्रक (आर्थिक)
General Manager (in-charge)
एन टी पी सी सिपत, बिलासपुर
NTPC Ltd SIPAT, BILASPUR

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छत्तीसगढ़ CHHATTISGARH

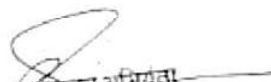
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3. एन.टी.पी.सी. सीपत, उसके द्वारा उक्त शासकीय जल स्रोत से लिये गये जल के लिये निर्धारित दरों से जल का भुगतान सरकार को करेगी, जो जल संसाधन विभाग के आदेश क्रमांक 1819/7-ए/ज.सं./तशा./औ.ज.प्र. 02/डी.4 दिनांक 21.03.06 के अनुसार रुपये 3.60 (रुपये तीन रुपये साठ पैसे) प्रति क्यूबिक मीटर है।

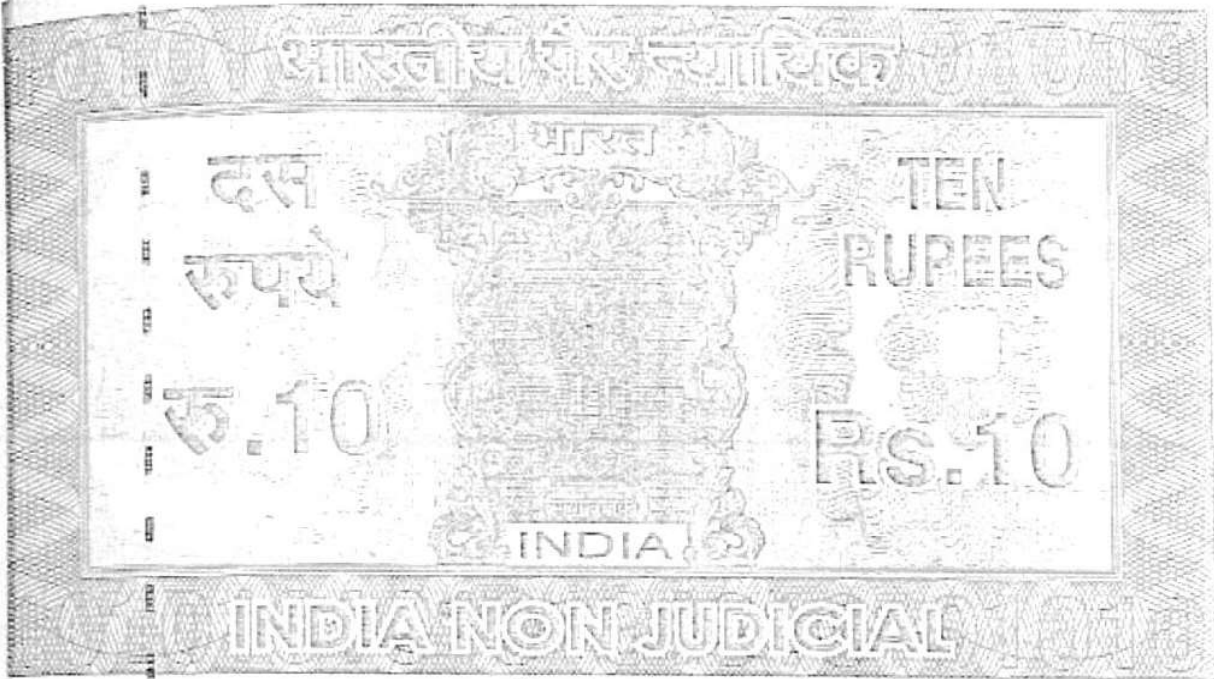
टिप्पणी :- यहाँ वे दर, जो कि एन.टी.पी.सी. सीपत पर लागू होने वाली हो, दर्शायी जानी चाहिए न कि अन्य दर, करार की गई मात्रा से अधिक ली गई जल की मात्रा या प्राधिकृत रूप से ली गई जल की मात्रा के लिये उपरोक्तानुसार दर्शाई सामान्य जल दरों के अतिरिक्त 50 प्रतिशत (पचास प्रतिशत) अतिरिक्त दर से प्रभारित की जायेगी।

ऊपर विनिर्दिष्ट जलकर के भुगतान के अतिरिक्त एन.टी.पी.सी. सीपत, सरकार द्वारा समय-समय पर नियत की गई दरों से जल संसाधन विभाग को स्थानीय निधि उपकर या किन्हीं अन्य करों का भी भुगतान करेगी। सरकार, एतद् द्वारा एन.टी.पी.सी. सीपत द्वारा भुगतान किये जाने वाले उक्त जलकर की दरों तथा स्थानीय उपकर या अन्य करों को समय-समय पर पुनरीक्षित करने के अपने अधिकार को सुरक्षित रखती हैं, तथा एन.टी.पी.सी. सीपत, ऐसे पुनरीक्षित जलकर तथा स्थानीय उपकर या अन्य करों का भी भुगतान करेगी, जो कि सरकार द्वारा समय-समय पर नियत किये जाते हैं, खण्ड (15) से विनिर्दिष्ट परिस्थितियों को या कम जल प्रदाय को छोड़कर, एन.टी.पी.सी. सीपत किसी भी देश में, उसके द्वारा लिये जाने के लिये अनुज्ञात जल की कुल मात्रा के कम से


 General Manager (in-charge)


 General Manager (in-charge)

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कम 90 प्रतिशत के लिये जल प्रभारों का मुग्तान करेगी, चाहे एन.टी.पी.सी. सीपत द्वारा वास्तविक रूप से लिये गये जल की मात्रा, खण्ड (2) के अधीन उसके द्वारा लिये जाने के लिये अनुज्ञात जल की मात्रा के 90 प्रतिशत से कम हो ।

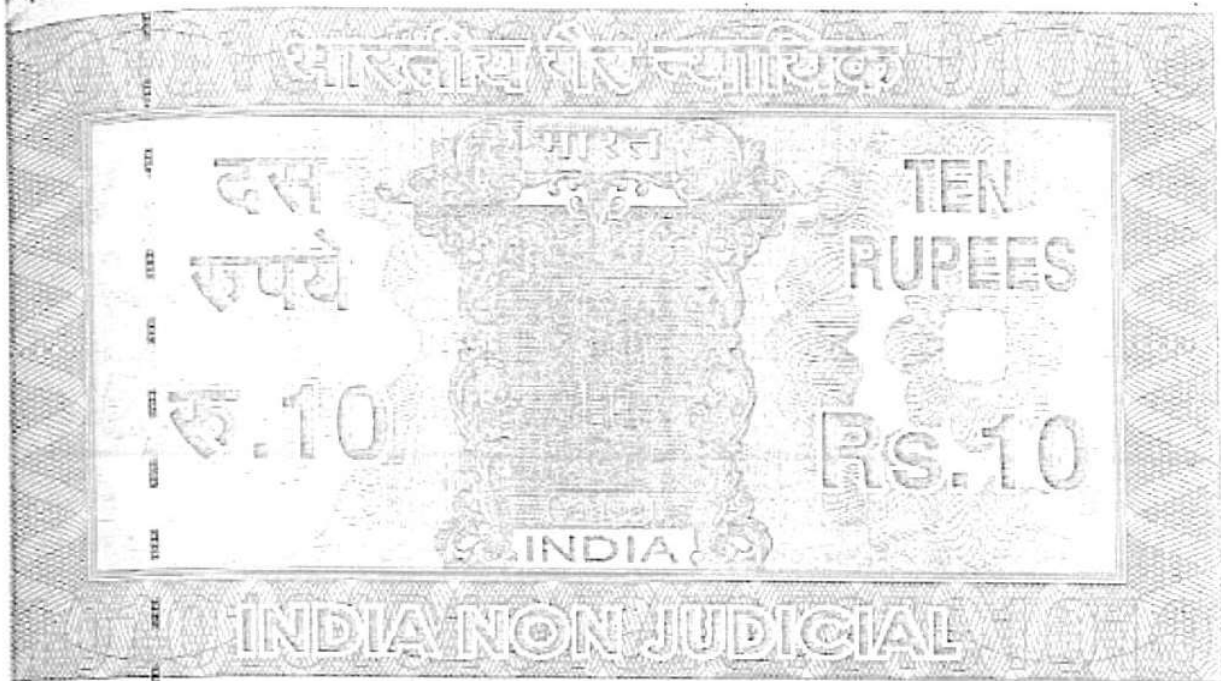
4. जल के उपयोग के लिये एन.टी.पी.सी. सीपत किन्हीं सिविल यांत्रिकीय कार्यों का निर्माण, जिसमें पिकअप वियर, बैराज, बांध/कुएं, नलकूप इत्यादि का निर्माण सम्मिलित हो सकेगा, अपनी स्वयं की व्यवस्था स्वयं के व्यय पर करेगी, ऐसी सिविल यांत्रिकीय सुविधाओं के निर्माण के रूपांकन (डिजाइन) और ड्राइंग स्वयं एन.टी.पी.सी. सीपत द्वारा बनाये जाकर जल संसाधन विभाग को अनुमोदन हेतु प्रस्तुत किये जायेंगे। संबंधित मुख्य अभियंता, अपना निर्णय 30 दिन में सज्ज जल संसाधन उपयोग समिति को देगा। राज्य जल संसाधन उपयोग समिति का निर्णय अंतिम होगा।

5. किसी अशासकीय कार्य (यथा जल प्रवाह में आकस्मिक कमी) के कारण उक्त शासकीय जल स्रोत से जल प्रदाय में आपात अवरोध उत्पन्न होने की दशा में कार्यपालन अभियंता, एन.टी.पी.सी. सीपत को तत्काल इसकी लिखित सूचना देगा। ऐसी सूचना प्राप्त होने पर एन.टी.पी.सी. सीपत को जल प्रदाय में रुकावट के लिये क्षतिपूर्ति प्राप्त करने का कोई अधिकार नहीं होगा, तथा उस समय शोध्य रकम, जिसका मुग्तान नहीं किया गया है, को छोड़कर एन.टी.पी.सी. सीपत का जल प्रभारी, स्थानीय निधि उपकर या करों का मुग्तान करने के लिये उस समय तक कोई दायित्व नहीं होगा, जब तक कि उक्त शासकीय

कार्यपालन अभियंता
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Jayadeb Nanda
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General Manager (in-charge)

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छत्तीसगढ़ CHHATTISGARH

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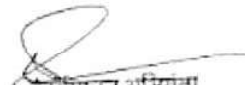
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स्त्रोत में जल का बहाव सरकार द्वारा एतदधीन रखे जाने के लिये अपेक्षित स्तर तक नहीं आ जाता।

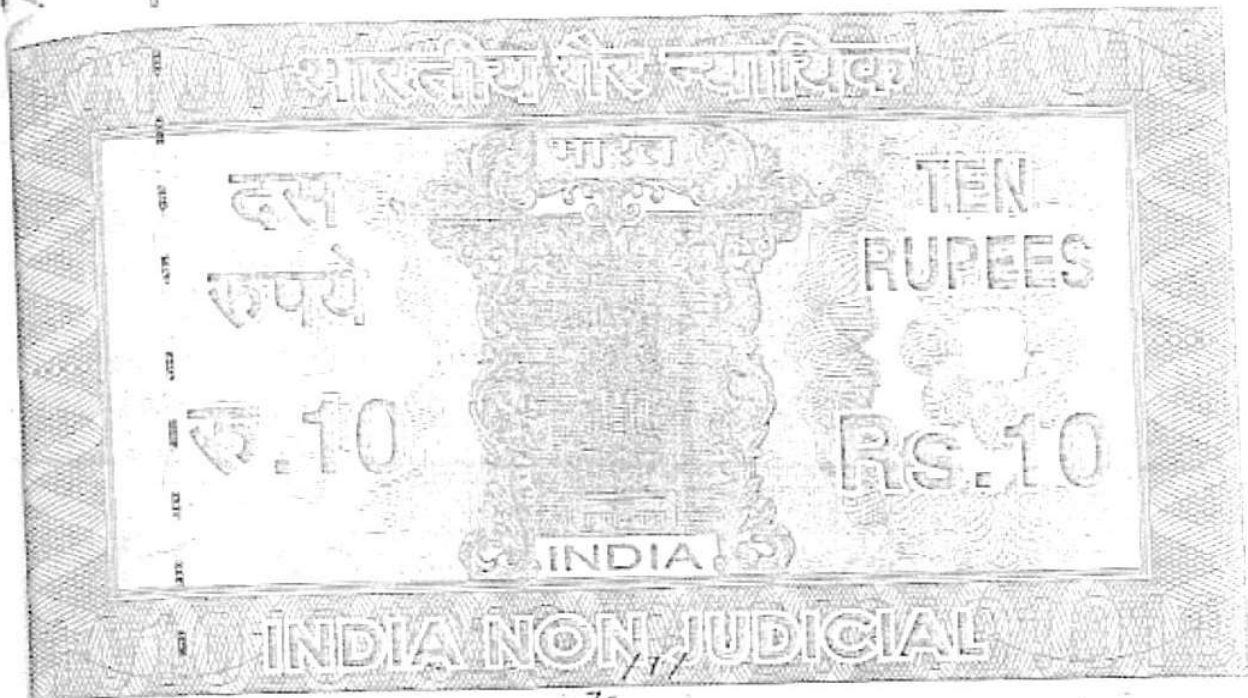
6. इस करार के निबंधनों तथा शर्तों के अध्वधीन रहते हुए, इसमें अंतर्विष्ट किसी बाढ़ को किसी अपरिहार्य घटना की दशा में जल के प्रदाय की निरंतरता के लिये सरकार की ओर से प्रत्याभूति के रूप में नहीं समझा जायेगा। किसी अपरिहार्य घटना के कारण जल का प्रदाय न होने या अपर्याप्त प्रदाय होने के लिये या किसी अपरिहार्य घटना के कारण हुई नुकसानी या हानि के लिये भी सरकार उत्तरदायी नहीं होगी।

किसी अपरिहार्य घटना के दौरान किन्हीं जल प्रमारों, स्थानीय निधि उपकर या अन्य करों के, सिवाय उनके, जो कि एन.टी.पी.सी. सीपत द्वारा पूर्व में प्राप्त किये गये जल से संबंधित हैं, जिसके लिये भुगतान शोध्य हो चुका है तथा इसका भुगतान नहीं हुआ है, भुगतान के लिये दायित्वाधीन नहीं होगी, यह रकम शोध्य रहेगी तथा वह इस करार के निबंधनों के अनुसार देय होगी। अपरिहार्य घटना के अंतर्गत सूखा तथा अन्य समान प्राकृतिक आपदाएं सम्मिलित होगी जो कि राज्य सरकार के नियंत्रण के परे हैं।

7. जल प्रदाय स्त्रोत के सृजन हेतु सिविल यांत्रिकीय कार्यों के निर्माण के द्वारा भूमि, संपत्ति, जनसुविधा इत्यादि के जल मग्न होने के कारण प्रभावित किसी व्यक्ति/व्यक्तियों को एन.टी.पी.सी. सीपत पर्याप्त मुआवजा देगी।


 कार्यालयन अभियंता
 हसदेव वरौज जल प्रबंध संभाग.


 Jayadeb Nanda
 महाप्रबंधक (प्रभारी)
 General Manager (in-charge).
 एन.टी.पी.सी. लि सीपत, बिलासपुर
 NTPC, BILASPUR



एन.टी.पी.सी. सीपत द्वारा उक्त शासकीय जल स्रोत से जल का उपयोग, एन.टी.पी.सी. सीपत के उक्त संयंत्र के प्रयोजन के लिये, जिसमें कालीनी के लिये जल प्रदाय सम्मिलित है, किया जायेगा तथा एन.टी.पी.सी. सीपत द्वारा अन्य किसी उपभोक्ता को जल का विक्रय कर दुरुपयोग नहीं किया जायेगा। एन.टी.पी.सी. सीपत द्वारा जल का ऐसा विक्रय किये जाने की दशा में इस अनुज्ञप्ति को प्रतिसंहत किये जाने के सरकार के अधिकारों पर प्रतिकूल प्रभाव डाले बिना, सरकार जल के ऐसे विक्रय से एन.टी.पी.सी. सीपत द्वारा उद्ग्रहित आगम, एन.टी.पी.सी. सीपत से वसूल करने के लिये हकदार होगी।

9. एतद्द्वारा दी गई अनुज्ञा का प्रतिप्रवाह के तटीय स्वाभियों में निहित विद्यमान जल अधिकारों पर किसी भी प्रकार से न तो प्रतिकूल प्रभाव ही पड़ेगा और न ही उक्त शासकीय जल स्रोत पर या उसके संबंध में अपनी किसी नवीन योजना या योजनाओं का इसमें इसके पश्चात् आरंभ करने या कार्यान्वयन करने के सरकार के अधिकार पर किसी भी प्रकार से प्रतिकूल प्रभाव न पड़ेगा, तथापि एतद् द्वारा छ.ग. सरकार आश्वस्त करती है कि उनके द्वारा सिंचाई प्रयोजन अथवा औद्योगिक प्रयोजनों के लिये प्रदत्त अन्य कोई जल अधिकार इस तरह प्रदाय किये जायेंगे कि जिससे इस करार को संपूर्ण अवधि में परियोजना के लिये आवश्यक जल की उपलब्धता प्रभावित न हो।
10. एन.टी.पी.सी. सीपत उक्त जल स्रोत में सिविल यांत्रिकीय कार्यों का, अर्थात् मिंकअप, वियर, बैराज, जलाशय, बांध, कुएँ, नलकूप और उद्वहन व्यवस्था का निर्माण तब तक नहीं करेगी जब तक कि उसके संबंध में प्रस्ताव, संयंत्र ड्राइंग, द्विनिर्देश (स्पेसिफिकेशन) प्राक्कलन तथा अन्य समस्त ब्यौरे ऐसे अधिकारी को, जिसको कि सरकार द्वारा इस निमित्त प्राधिकृत किया गया हो, पूर्व में प्रस्तुत न कर दिया गया हो, और उसके द्वारा लिखित में अनुमोदित न कर दिया गया हो।

हसदेव बरौज जल प्रबंध समिति,

हसदेव नन्दा
Jayadeb Nanda
सहायक (प्रभारी)
General Manager (In-charge)
एन टी पी सी सिंचन, विमानवा
सिंचन विभाग, दिल्ली


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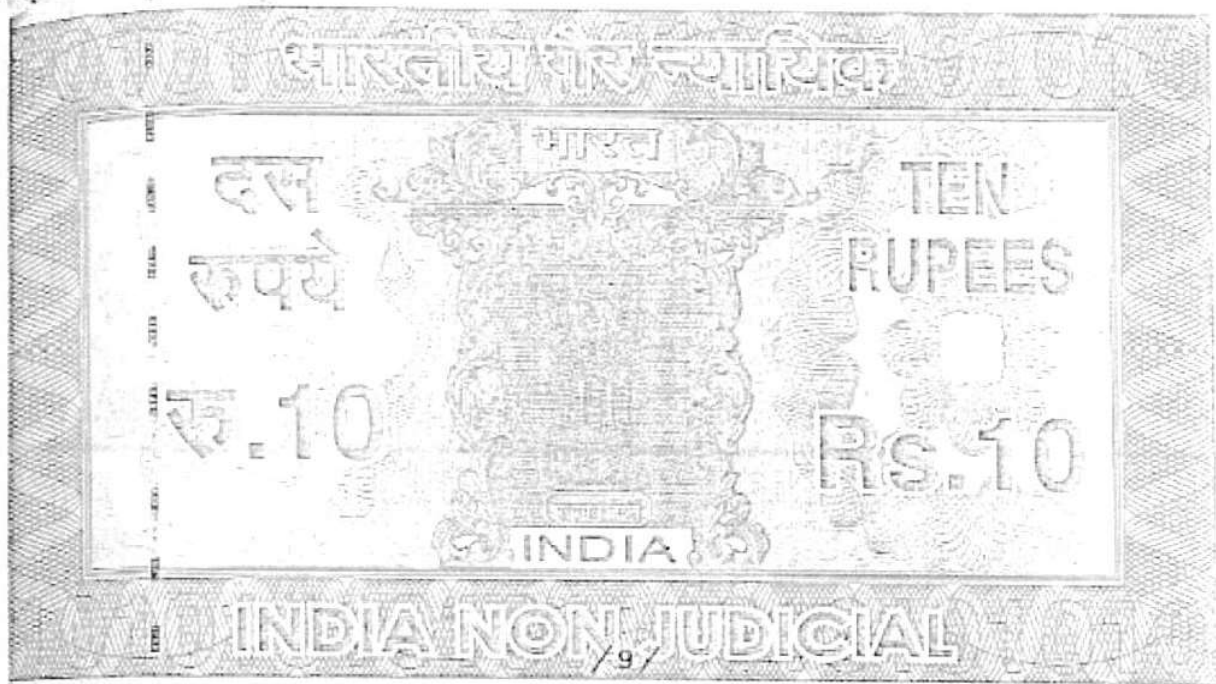
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11. एन.टी.पी.सी. सीपत द्वारा उक्त जल स्रोत से लिये गये जल के नापने की व्यवस्था एन.टी.पी.सी. सीपत द्वारा ऐसी रीति से की जायेगी, जैसे कि सरकार या कार्यपालन अभियंता हसादेव बरौज, जल प्रबंध संग्राम रामपुर/कोरवा (जिसे इसमें इसके पश्चात कार्यपालन अभियंता के नाम से निर्दिष्ट किया गया है) निर्दिष्ट करे। एन.टी.पी.सी. सीपत द्वारा स्वचलित नापने के साधन का संस्थापन तथा उसका अनुरक्षण, उस संबंध में सरकार या कार्यपालन अभियंता लिखित में पूर्व अनुमोदन अभिप्राप्त करने के पश्चात अपने स्वयं के खर्च से किया जायेगा। यदि एन.टी.पी.सी. सीपत द्वारा उपरोक्तानुसार संस्थापित नापने का साधन कार्य करना बंद कर दे या खराब हो जाये, तो ऐसी स्थिति में उन दिनों के जल उपयोग के संबंध में, जिनमें कि नापने के साधन द्वारा कार्य न किया गया हो, जल के उन प्रभारों की संगणना जिसका सरकार को भुगतान करने के लिये एन.टी.पी.सी. सीपत उत्तरदायी होगी, वैकल्पिक रूप से अधिकतम प्रति घण्टा पम्पिंग क्षमता एवं पम्पों के चालन के घण्टों की संख्या से गुणा के आधार पर की जायेगी, जिसके लिये एन.टी.पी.सी. सीपत को लेखा-जोखा रखना बाध्यकारी होगा।

कार्यपालन अभियंता
हसदेव बरौज जल प्रबंध संभाग


Jayadev Nanda
प्रधानमंत्री (नमस्ते)
General Manager (in-charge)
रा. वि. नि. वि. विभाग, दिल्ली

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छत्तीसगढ़ एन.टी.पी.सी. सीपत द्वारा निस्सारित अवशेष (उपयोग पश्चात प्रवर्धित जल) की सभी लोह एवं अन्य रासायनिक अशुद्धता का उपचार किया जायेगा और इस छत्तीसगढ़ पर्यावरण संरक्षण मण्डल एवं केन्द्रीय सरकार के लोक स्वास्थ्य पर्यावरण यांत्रिकीय संस्थान जल प्रदाय नियमावली के अनुसार उपयुक्त रूप से शुद्ध करना होगा जो पेयजल का स्तर निर्दिष्ट करती हैं।

13. एन.टी.पी.सी. सीपत द्वारा कार्यपालन अभियंता से मासिक मांग प्राप्त किये जाने की तारीख से 30 दिन के भीतर एन.टी.पी.सी. सीपत, कार्यपालन अभियंता को पूर्ववर्ती मास के दौरान एन.टी.पी.सी. सीपत द्वारा लिये गये जल के लिये जल कर तथा स्थानीय निधि उपकर की रकम का भुगतान करेगी। प्रदाय किये गये जल के बिल की तारीख से 3 माह के भीतर यदि भुगतान नहीं किया जाता है, तो 24 प्रतिशत (चौबीस प्रतिशत) की दर से ब्याज तथा 1 प्रतिशत (एक प्रतिशत) वार्षिक की दर से सेवाशुल्क की वसूली वार्षिक की जायेगी। भुगतान के लिये नियत तारीख से 6 माह की अवधि तक भुगतान न किया जाना करार का भंग होना माना जायेगा।
14. एन.टी.पी.सी. सीपत 10.80 करोड़ (दस करोड़ अस्सी लाख) रुपये की उक्त धनराशि (मासिक निर्धारित बिल से तीन गुना) जलकर तथा स्थानीय निधि और सिंचाई शोध्यों के सम्यक तथा समुचित भुगतान और इस करार के निबंधनों तथा शर्तों का सम्यक निर्वाह तथा पालन करने के लिये प्रतिभूति के रूप में कार्यपालन अभियंता हसदेव बरौज जल प्रबंध संभाग रामपुर/कोरबा के पास सदैव जमा रखेगी। उपरोक्तानुसार शोध्यों का सम्यक भुगतान करने में एन.टी.पी.सी. सीपत द्वारा चूक किये जाने की दशा में एन.टी.पी.सी. सीपत से वकाया शोध्यों की उक्त निक्षेप के प्रति समायोजित किया जायेगा। एन.टी.पी.सी. सीपत की ओर से उपरोक्तानुसार जलकर तथा स्थानीय निधि उपकर का

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General Manager (in-charge)

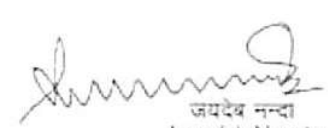
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सीपत की ओर से उपरोक्तानुसार जलकर तथा स्थानीय निधि उपकर का नियमित भुगतान करने में व्यतिक्रम किये जाने पर सरकार अपने किन्हीं अन्य अधिकारों तथा उपायों पर प्रतिकूल प्रभाव डाले बिना इस करार को तुरंत समाप्त करने की हकदार होगी।

15. सरकार के किसी अन्य उपाय और उसकी शक्तियों पर प्रतिकूल प्रभाव डाले बिना इस लेख के अधीन शोध्य तथा एन.टी.पी.सी. सीपत द्वारा देय कोई धनराशि एन.टी.पी.सी. सीपत से उसी रीति से वसूल योग्य होगी जो कि इस निमित्त तत्समय प्रवृत्त विधि के उपबंधों के अधीन भू-राजस्व की वकाया को लागू होती है।
16. उक्त शासकीय जल स्रोत में जल की कमी होने की दशा में कार्यपालन अभियंता प्रत्याशित कमी की संभावना को स्पष्ट करते हुए एन.टी.पी.सी. सीपत पर एक सूचना की तामीली करेगा। एन.टी.पी.सी. सीपत ऐसी परिस्थितियों में जल के उपभोग में कमी करेगी तथा कार्यपालन अभियंता को उसके (एन.टी.पी.सी. सीपत के) द्वारा लिये गये जल की वास्तविक मात्रा दर्शाने वाली एक साप्ताहिक विवरणी प्रस्तुत करेगी।
17. नदी, झरना, जल सरणियों तथा सिंचाई कुओं के अधीन विद्यमान सिंचाई के हितों पर प्रतिकूल प्रभाव नहीं डाला जायेगा यदि सरकार की राय में इन विद्यमान हितों पर प्रतिकूल प्रभाव पड़ता है तो एन.टी.पी.सी. सीपत संबंधित व्यक्तियों को जिनके हित प्रभावित हुए हो ऐसे प्रतिकर का भुगतान करेगी जो कि सरकार द्वारा अवधारित किया जाये।
18. एन.टी.पी.सी. सीपत समस्त समयों पर इस निमित्त प्राधिकृत किये गये छ. ग. सरकार के जल संसाधन विभाग के किसी अधिकारी को नापने के साधन तथा जल के लेखाओं का निरीक्षण करने तथा एन.टी.पी.सी. सीपत द्वारा रखे गये अभिलेखों में से प्रविष्टियों की प्रतियां सरकार को प्रस्तुत करने हेतु अनुज्ञात करेगी।
19. एन.टी.पी.सी. सीपत को इसके अधीन दी जाने वाली या उस पर तामील की जाने वाली कोई सूचना या अन्य दस्तावेजें सरकार की ओर से कार्यपालन अभियंता द्वारा दी जायेगी या तामील की जायेगी तथा ऐसी कोई सूचना या दस्तावेजें सम्यक रूप से एन.टी.पी.सी. सीपत को दी गई या एन.टी.पी.सी. सीपत पर तामिल की गई समझी जायेगी यदि वे एन.टी.पी.सी. सीपत के रजिस्ट्रीकृत कार्यालय पर रजिस्ट्रीकृत डाक द्वारा भेजी जाये या परिदत्त की जाये।



कार्यपालन अभियंता
हरसदेव बरौज जल प्रबंध संभाग,
रामपुर/कोरवा (छ.ग.)

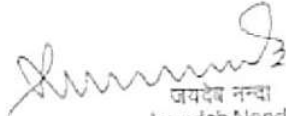

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20. यदि एन.टी.पी.सी. सीपत इसके किसी निबंधन तथा शर्त को भंग करे तो सरकार इस करार को समाप्त करने के लिये हकदार होगी और तदुपरि एन.टी. पी.सी. सीपत को किसी प्रतिकार का, चाहे वह कुछ भी हो भुगतान करने के लिये सरकार को दायी बनाये बिना एन.टी. पी.सी. सीपत उक्त शासकीय जल स्रोत से जल लेना बंद कर देगी।
21. इस करार की अवधि समाप्त होने पर शासन इस करार को ऐसी और कालावधि के लिये तथा ऐसे निबंधनों एवं शर्तों पर जो कि शासन अपने पूर्ण विवेक के अनुसार उचित, समझे नवीकृत कर सकेगी।
22. इस करार के निष्पादन में उपगत खर्च तथा अनुषांगिक प्रभार, जिनके अंतर्गत स्टाम्प शुल्क आता है, एन.टी.पी.सी. सीपत द्वारा वहन किये जायेंगे तथा उसका भुगतान किया जायेगा।
23. विवादों का निपटारा :-
- (क) पारस्परिक चर्चा- इस करार के पक्षकारों को यह मान्य है कि इस करार से संबंधित या उससे उद्भूत विवादों का जिसमें करार के किन्हीं भी खण्डों की व्याख्या पक्षकारों के अपने-अपने अधिकार तथा बाध्यताएं अथवा किसी पक्ष द्वारा बाध्यताओं का पालन नहीं किया जाना आता है, हल पारस्परिक बातचीत द्वारा सौहार्दपूर्ण रूप से किया जायेगा।
- (ख) माध्यस्थता - यदि ऐसी बातचीत के प्रारंभ होने से 60 दिन पश्चात् उभयपक्ष उत्पन्न विवाद को सौहार्दपूर्ण रूप से हल करने में असमर्थ रहते हैं तो ऐसे विवाद या मतभेद को माध्यस्थता तथा सुलह अधिनियम, 1996 के उपबंधों के अधीन माध्यस्थता को निर्दिष्ट किया जायेगा, माध्यस्थता पैनल (सूची) का पंचाट (अवार्ड) अंतिम तथा पक्षकारों पर बंधनकारी होगा।
24. विशेष शर्तें (यदि कोई हों) प्रवर्तित शर्तों के अनुसार यथा संलग्न :- कोई नहीं जिसके साक्ष्य में छ.ग. राज्य के राज्यपाल के लिये तथा उनकी ओर से श्री आर.आर. सारथी कार्यपालन अभियंता हसदेव बरौज जल प्रबंध संभाग रामपुर/कोरबा ने ऊपर लिखी तारीख तथा वर्ष को अपने हस्ताक्षर किये हैं


कार्यपालन अभियंता
हसदेव बरौज जल प्रबंध संभाग,
रामपुर/कोरबा (छ.ग.)


जयदेव नन्दा
Jayadeb Nanda
महानिदेशक (प्रभार)
General Manager (In-charge)
एन टी पी सी लि सीपत, बिलासपुर
NTPC Ltd SIPAT, BILASPUR

(254)

/ 12 /

तथा अपने कार्यालय की मुद्रा और हसदेव बरौज जल प्रबंध संभाग रामपुर/कोरवा की सामान्य मुद्रा ऊपर लिखी गई तारीख तथा वर्ष को अंकित कर दी है। छ.ग. राज्य के राज्यपाल के लिये तथा उनकी ओर से श्री आर.आर. सारथी कार्यपालन अभियंता द्वारा निम्नलिखित की उपस्थिति में,

हस्ताक्षरित



मुद्रांकित

कार्यपालन अभियंता
हसदेव बरौज जल प्रबंध संभाग,
रामपुर/कोरवा (छ.ग.)

परिदत्त

(आर.आर. सारथी)
कार्यपालन अभियंता

हसदेव बरौज जल प्रबंध संभाग
रामपुर कोरवा
(छत्तीसगढ़ के राज्यपाल के नाम से)

(1) एल.पी.साहू, डी.एम.

हसदेव बरौज जल प्रबंध संभाग
रामपुर/कोरवा

(2) एस.के.सिंह, अनुविभागीय अधिकारी,
हसदेव दांघी तट नहर उप-संभाग क.-5,
जर्व

नेशनल थर्मल पावर कारपोरेशन लिमिटेड नई दिल्ली की सामान्य मुद्रा

नेशनल थर्मल पावर कारपोरेशन लिमिटेड नई दिल्ली के संचालक बोर्ड के संकल्प
श्री आर.एस.शर्मा, सी.एस.डी. तारीख 11.06.2008 के अनुसार में सीपत
सुपर थर्मल पावर प्रोजेक्ट के संचालक श्री जयदेव नन्दा, जी.एम. (इन्चार्ज) जिन्होंने
उसके प्रतीक स्वरूप निम्नलिखित की उपस्थिति में अपने-अपने हस्ताक्षर किये

साक्षी :

(1) श्री के.एस.राव,

(ए.जी.एम.-प्रोजेक्ट-1)



हस्ताक्षरशील



जयदेव नन्दा
Jayadeb Nanda
ब्रह्मदेव (इन्चार्ज)
General Manager (In-charge)
एन टी सी सि सीपत, बिलासपुर
NTPC Ltd SIPAT, BILASPUR

(2) श्री आर.कन्नन,

डी.जी.एम.(सिविल)



NTPC Ltd Bilaspur

(885)

पत्र क्रं 132 /राजस्व
प्रति,

/2016

रामपुर/कोरबा,

दिनांक 21/1/2017

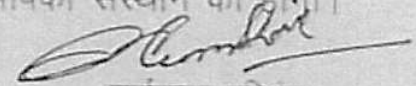
महा प्रबंधक (प्रचालन)
एन.टी.पी.सी.लिमिटेड सीपत
जिला - विलासपुर (छ.ग.)

विषय:- लंबित जलकर देयक के भुगतान बाबत।

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विषयांतर्गत लेख है कि जलकर देयक तैयार कर आपके संस्थान को भेजा गया है। परंतु आपके संस्थान द्वारा कम भुगतान किया जा रहा है। जिसके कारण राशि रु. 2716.26 लाख का भुगतान लंबित है। इस संबंध में छ.ग. शासन एवं उच्चाधिकारियों से बार - बार स्मरण पत्र प्राप्त हो रहे हैं। अतएव उक्त बकाया राशि तत्काल जमा करें, अन्यथा अनुबंध के कंडिका के तहत कार्यवाही की जाएगी। जिसकी सम्पूर्ण जिम्मेदारी आपकी संस्थान की होगी।

सहपत्र:- शून्य।



कार्यपालन अभियंता

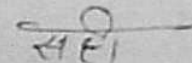
हसदेव बरौज जल प्रबंध संभाग
रामपुर/कोरबापृ क्रं /राजस्व/2016
प्रतिलिपि:-

रामपुर/कोरबा,

दिनांक /01/2017

- 1 मुख्य अभियंता मिनीमाता (हसदेव) बांगो परियोजना विलासपुर की ओर सूचनार्थ सम्प्रेषित।
- 2 अधीक्षण अभियंता हसदेव परियोजना मण्डल रामपुर/कोरबा की ओर सूचनार्थ सम्प्रेषित।
- 3 अनुविभागीय अधिकारी हसदेव दायी तट नहर उप संभाग क. 5 जर्वे की ओर सूचनार्थ। कृपया उक्त संस्थान के अधिकारियों से संपर्क कर भुगतान प्राप्त करने की कार्यवाही करें।

सहपत्र:- शून्य।


कार्यपालन अभियंता
हसदेव बरौज जल प्रबंध संभाग
रामपुर/कोरबा

कार्यालय कार्यपालन अभियंता
हसदेव बरौज जल प्रबंध संभाग
रामपुर/कोरवा



पत्र क्र. 1443 /तक.
प्रति,

रामपुर/कोरवा

दिनांक 25 / 03 / 2018

महाप्रबंधक,
एन.टी.पी.सी.लिमिटेड,
सीपत सुपर थर्मल पावर स्टेशन
पोस्ट:-उज्जवल नगर सीपत-495555
जिला-बिलासपुर (छ.ग.)

विषय:- एन.टी.पी.सी. द्वारा बिलासपुर जिले में स्थापित सीपत थर्मल सुपर पावर प्रोजेक्ट हेतु हसदेव बांगो परियोजना की दांयी तट मुख्य नहर से स्वीकृत 120.00 मि.घ.मी. वार्षिक जल आबंटन को कम कर 93.00 मि.घ.मी. वार्षिक करने बाबत।

- संदर्भ:- 1. छ.ग. शासन जल संसाधन विभाग मंत्रालय नया रायपुर के पृ.क्र. 6236 / 29 / 4 / 96 / म / 31 / औजप्र. / 01 / डी-4 नया रायपुर दिनांक 11.12.2017
2. कार्यालयीन पत्र क्र. 695 / तक. रामपुर/कोरवा दिनांक 12.02.2018

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उपरोक्त विषयांतर्गत संदर्भित पत्र में दिये निर्देशानुसार हसदेव बांगो परियोजना की दांयी तट मुख्य नहर से स्वीकृत 120.00 मि.घ.मी. वार्षिक जल आबंटन की मात्रा को कम कर 93.00 मि.घ.मी. वार्षिक करने की स्वीकृति तीन शर्तों के साथ दी गई है। जिसके शर्त क्र. 1 के पालन हेतु संस्थान को शेष बकाया जलकर राशि रु 356580593.00 (रु पैंतीस करोड़ पैंसठ लाख अरसी हजार पांच सौ तिरानवे) मात्र का रेखांकित धनादेश या बैंक ड्राफ्ट के रूप में कार्यपालन अभियंता, हसदेव बरौज जल प्रबंध संभाग रामपुर/कोरवा के नाम जमा करना होगा, ताकि संदर्भित पत्र में दिये शर्तों का पालन किया जा सके। इस हेतु बकाया राशि का संशोधित गणना पत्रक अवलोकनार्थ संलग्न है।

सहपत्र:- एक गणना पत्रक
13 पृष्ठ में

कार्यालय अभियंता
हसदेव बरौज जल प्रबंध संभाग
रामपुर/कोरवा

पृ. क्र. /तक. रामपुर/कोरवा दिनांक / 03 / 2018
प्रतिलिपि:-

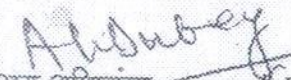
अधीक्षण अभियंता, हसदेव परियोजना मंडल रामपुर/कोरवा की ओर सूचनार्थ संप्रेषित।

सहपत्र:-शून्य।

कार्यपालन अभियंता
हसदेव बरौज जल प्रबंध संभाग
रामपुर/कोरवा

“प्रचलित जल दरें 01.05.2010 से आगामी आदेश तक”

स. क्र.	उपयोग का प्रकार	विशेष विवरण	01.05.2010 से लागू जल दरें	01.05.11 को प्रचलित दरें	01.05.12 को प्रचलित दरें	01.05.13 को प्रचलित दरें	01.05.14 को प्रचलित दरें
1.	औद्योगिक प्रयोजन / ताप विद्युत प्रयोजन	अ शासकीय स्रोत :-					
		1 बांध/जलाशय से	रु. 6.00 प्रति घ.मी.	रु. 6.90 प्रति घ.मी.	रु. 7.94 प्रति घ.मी.	रु. 9.13 प्रति घ.मी.	रु. 10.50 प्रति घ.मी.
		2 नहर प्रणाली से	रु. 7.00 प्रति घ.मी.	रु. 8.05 प्रति घ.मी.	रु. 9.26 प्रति घ.मी.	रु. 10.65 प्रति घ.मी.	रु. 12.25 प्रति घ.मी.
		ब नैसर्गिक/स्वनिर्मित स्रोत से	रु. 2.00 प्रति घ.मी.	रु. 2.30 प्रति घ.मी.	रु. 2.65 प्रति घ.मी.	रु. 3.05 प्रति घ.मी.	रु. 3.51 प्रति घ.मी.
2.	जल विद्युत प्रयोजन (जल के उपयोग पश्चात् पुनः प्राप्ति)	अ शासकीय स्रोत :-					
		1 बांध/जलाशय से	60 (साठ) पैसे/विद्युत इकाई उत्पादन एवं 200 (दो सौ) पैसे/ 100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस	69 (उनहत्तर) पैसे/विद्युत इकाई उत्पादन एवं 200 (दो सौ) पैसे/ 100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस	79(उन्नासी) पैसे/विद्युत इकाई उत्पादन एवं 200 (दो सौ) पैसे/ 100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस	91(इन्कानवे) पैसे/विद्युत इकाई उत्पादन एवं 200 (दो सौ) पैसे/ 100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस	1.05 (एक रुपया पांच) पैसे/विद्युत इकाई उत्पादन एवं 200 (दो सौ) पैसे/ 100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस
		2 नहर प्रणाली	70 (सत्तर) पैसे/विद्युत इकाई उत्पादन एवं 250 (दो सौ पचास) पैसे/ 100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस	81 (इक्कासी) पैसे/विद्युत इकाई उत्पादन एवं 250 (दो सौ पचास) पैसे/ 100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस	93 (तिरानवे) पैसे/विद्युत इकाई उत्पादन एवं 250 (दो सौ पचास) पैसे/ 100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस	1.07 (एक रुपया सात) पैसे/विद्युत इकाई उत्पादन एवं 250 (दो सौ पचास) पैसे/ 100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस	1.23 (एक रुपया तेइस) पैसे/विद्युत इकाई उत्पादन एवं 250 (दो सौ पचास) पैसे/ 100 वि.ई.उ. पर प्रति वर्ष एस्कैलेशन चार्जस
		ब नैसर्गिक/स्वनिर्मित स्रोत से	20 (बीस) पैसे/विद्युत इकाई उत्पादन	23 (तेइस) पैसे/विद्युत इकाई उत्पादन	26 (छब्बीस) पैसे/विद्युत इकाई उत्पादन	30 (तीस) पैसे/विद्युत इकाई उत्पादन	35 (पैंतीस) पैसे/ विद्युत इकाई उत्पादन


 मुख्य अभियंता, 14.5.2015
 मिनीमाता (हसदेव) बांगो परियोजना,
 बिलासपुर (छ.ग.)
 12/5

PART 1

FORM- 15

**Details of Source wise Fuel for Computation of
Energy Charges¹**

Name of the Petitioner

Name of the Generating Station

S. No.	Month	Unit	For preceding 3rd Month (from COD or from 1.4.2019 as the case may be)			For preceding 2nd Month (from COD or from 1.4.2019 as the case may be)		For preceding 1st Month (from COD or from 1.4.2019 as the case may be)	
			Domestic Source (1)	Domestic Source (2)	Imported	Domestic	Imported	Domestic	Imported
A)	OPENING QUANTITY								
1	Opening Quantity of Coal/Lignite	(MMT)							
2	Value of Stock								
B)	QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	(MMT)							
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)							
5	Coal supplied by Coal/Lignite Company (3+4)	(MMT)							
6	Normative Transit & Handling Losses (For	(MMT)							

S. No.	Month	Unit	For preceding 3rd Month (from COD or from 1.4.2019 as the case may be)			For preceding 2nd Month (from COD or from 1.4.2019 as the case may be)		For preceding 1st Month (from COD or from 1.4.2019 as the case may be)	
	coal/Lignite based Projects)								
7	Net coal / Lignite Supplied (3-4)	(MMT)							
C)	PRICE								
8	Amount charged by the Coal /Lignite Company	(Rs.)							
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)							
10	Handling, Sampling and such other similar charges								
11	Total amount Charged (8+9+10)	(Rs.)							
D)	TRANSPORATION								
12	Transportation charges by rail/ship/road transport	(Rs.)							
	By Rail								
	By Road								
	By Ship								
								
13	Adjustment (+/-) in amount charged made by	(Rs.)							

S. No.	Month	Unit	For preceding 3rd Month (from COD or from 1.4.2019 as the case may be)			For preceding 2nd Month (from COD or from 1.4.2019 as the case may be)		For preceding 1st Month (from COD or from 1.4.2019 as the case may be)	
	Railways/Transport Company								
14	Demurrage Charges, if any	(Rs.)							
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)							
16	Total Transportation Charges (12+13+14+15)	(Rs.)							
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	(Rs.)							
E)	TOTAL COST								
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT							
19	Blending Ratio (Domestic/Imported)								
20	Weighted average cost of coal/ Lignite for preceding three months	Rs./MT							
F)	QUALITY								
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)							
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)							

S. No.	Month	Unit	For preceding 3rd Month (from COD or from 1.4.2019 as the case may be)			For preceding 2nd Month (from COD or from 1.4.2019 as the case may be)		For preceding 1st Month (from COD or from 1.4.2019 as the case may be)	
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)							
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)							
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)							
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)							
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)							
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)							
29	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)							
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)							

Note:

1. Similar details to be furnished for natural gas/liquid fuel for CCGT station and secondary fuel oil for coal/lignite based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

(Petitioner)

**Details of Source wise Fuel for Computation of
Energy Charges¹**

Name of the Petitioner

Name of the Generating Station

Sr. No.	Month-wise	Unit	For Existing Plants Year wise and Month-wise details for the period 2024-29 (For preceding 12 months)							
			Domestic Source (1)	.....	Domestic Source (n)	Integrated Mine (Basket)	Integrated Mine (Captive)	E-Auction	Imported	Others (specify)
A)	OPENING QUANTITY									
1	Opening Quantity of Coal/Lignite	(MMT)								
2	Value of Stock									
B)	QUANTITY									
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company for the particular month giving complete details of mode of transportation used for transportation along with quantity.	(MMT)								
	By Rail									
	By Road									
	By Ship									

Sr. No.	Month-wise	Unit	For Existing Plants Year wise and Month-wise details for the period 2024-29 (For preceding 12 months)							
			Domestic Source (1)	.....	Domestic Source (n)	Integrated Mine (Basket)	Integrated Mine (Captive)	E-Auction	Imported	Others (specify)
	By MGR									
	By any other mode (specify)									
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company *	(MMT)								
5	Coal supplied by Coal/Lignite Company (3+4)	(MMT)								
6	Actual Transit & Handling Losses (For coal/Lignite based Projects) specify the source	(MMT)								
7	Actual coal / Lignite received	(MMT)								
C)	PRICE									
8	Amount charged by the Coal /Lignite Company	(Rs.)								
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company *	(Rs.)								
10	Unloading, Handling and Sampling charges.									
	Unloading charges									
	Handling charges									
	Sampling charges									

Sr. No.	Month-wise	Unit	For Existing Plants Year wise and Month-wise details for the period 2024-29 (For preceding 12 months)							
			Domestic Source (1)	.....	Domestic Source (n)	Integrated Mine (Basket)	Integrated Mine (Captive)	E-Auction	Imported	Others (specify)
11	Total amount Charged (8+9+10)	(Rs.)								
D)	TRANSPORATION									
12	Transportation charges by rail/ship/road transport	(Rs.)								
	By Rail									
	By Road									
	By Ship									
	By MGR									
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)								
14	Demurrage Charges, if any	(Rs.)								
15	Cost of fuel in transporting coal through MGR system, if applicable	(Rs.)								
16	Total Transportation Charges (12+13+14+15)	(Rs.)								
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	(Rs.)								
E)	TOTAL COST									
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT								

Sr. No.	Month-wise	Unit	For Existing Plants Year wise and Month-wise details for the period 2024-29 (For preceding 12 months)							
			Domestic Source (1)	.....	Domestic Source (n)	Integrated Mine (Basket)	Integrated Mine (Captive)	E-Auction	Imported	Others (specify)
19	Blending Ratio (Domestic/Imported)									
20	Weighted average cost of coal/ Lignite for preceding twelve months	Rs./MT								
F)	QUALITY									
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)								
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)								
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)								
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)								
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)								
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)								
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)								

Sr. No.	Month-wise	Unit	For Existing Plants Year wise and Month-wise details for the period 2024-29 (For preceding 12 months)							
			Domestic Source (1)	.....	Domestic Source (n)	Integrated Mine (Basket)	Integrated Mine (Captive)	E-Auction	Imported	Others (specify)
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)								
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)								
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)								

(*specifying the period of adjustment along with reason and support document for the adjustment)

Note:

1. Similar details to be furnished for natural gas/liquid fuel for CCGT station and secondary fuel oil for coal/lignite based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. The action taken to address the difference in GCV between as billed and as received should be submitted along with the petition.
4. The details of source wise fuel for computation of energy charges should be provided on year wise in above format along with month wise calculation as may be required by the Commission.
5. Details to be provided for each source separately. In case of more than one source, add additional column.
6. Break-up of the amount charged by the Coal Company is to be provided separately.
7. Distance of Integrated Mines from Generating Station, if applicable, is to be provided separately.

(Petitioner)