



Invoice No. 2024-25/09  
Date: 01.01.2025

## BILL OF SUPPLY

Unit 2 – 120 MW Regulated Capacity  
Unit 3 – 120 MW Regulated Capacity

TATA STEEL LIMITED  
JAMSHEDPUR – 831001  
20AAACT2803M2Z0

Gentlemen,

This Invoice is submitted to Tata Steel Limited ("Purchaser") by The Tata Power Company Limited, ("Seller") based on the order passed by the Hon'ble Commission in Multi Year Tariff (MYT) Petition (Case No. 10 of 2020) dated November 04, 2022 for Units 2 & 3 and the methodology of recovery specified in JSERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2020 ("**Generation Tariff Regulations 2020**") along with JSERC (Terms and Conditions for Determination of Generation Tariff) (First Amendment) Regulations, 2023 [GTR (1st Amendment) 2023]. As per the above-mentioned order the Capacity Charges for Units 2 & 3 have been revised.

This Invoice is an Invoice described in, and is payable in accordance with the terms of, Regulations 22.1-22.2-22.3-22.4 of Generation Tariff Regulations 2020.

1. Billing Period: Covers the Billing Period from 1<sup>st</sup> Dec 2024 to 31<sup>st</sup> Dec 2024
2. Due Date: Is due and payable on 14<sup>th</sup> Feb 2025

Appendix A hereto sets forth the amount of the Capacity Payment, the amount of the Energy Payment and the total amount payable for the Billing Period covered hereby. Calculations of all the foregoing are set forth in the Tariff Schedule attached as Appendix B hereto. If any adjustment is being made pursuant to Regulation 17.12 of the JSERC Generation Tariff Regulations read with GTR (1st Amendment) 2023, such adjustment (and the calculation thereof) is set forth in Appendix C hereto. Summary of the Discount in Tariff passed on due to consumption of Coal sourced under SHAKTI Scheme is set forth in the Appendix D hereto. Summary of the Monthly Invoice is set forth in the Appendix E hereto. Any back-up or supplemental information relating to any of the foregoing is attached hereto.

The Total Capacity Charges for each unit have been considered as per the Order dated 09.01.2024 by Hon'ble JSERC in respect of the review of MYT order for period 2022-26 dated 04.11.2024.

Amount of the Energy Charges in this invoice is based on Table Nos. 112 & 113 of the Multi Year Tariff order dated November 04, 2022 considered with revised norms as per the GTR (1st Amendment) 2023. Amount of the Capacity Charges are based on Table No. 138 & 139 of the

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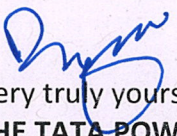
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Multi Year tariff Order dated November 04,2022. The Availability and Plant Load Factor terms mentioned in this invoice are subject to change based on the confirmation of Monthly Declared Capacity (DC) and Monthly PLF/Generation respectively by the Tata Steel Load Dispatch Center and corresponding adjustments to the Capacity Charges and Incentive shall be reconciled through the invoice of subsequent month. Rebate & Late Payment Surcharge shall be applicable as per Generation Tariff Regulations 2020, read with GTR (1st Amendment) 2023.

Further, it may be noted that, with the introduction of the new TDS levy .i.e., Section 194Q under the Finance Act 2021 with effect from 1 July 2021, the provisions of section 194Q which specifically provide that TDS on purchase of goods under the said section shall override TCS on sale of goods u/s 206C(1H) .i.e., where both TDS and TCS are applicable on a transaction, the provisions of TDS under section 194Q of the Act shall prevail. To ensure compliance of the above provision from 1 July 2021 onwards, TCS on sales made to TSL will not be charged.

  
Very truly yours,  
**THE TATA POWER COMPANY LIMITED**

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### Appendix A1 – Details of Unit 2

| Particulars |                                                                                                                                              | UoM       | Dec-24           |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|
| <b>1.0</b>  | <b>Regulated Capacity</b>                                                                                                                    | <b>MW</b> | <b>120</b>       |
|             | Actual Availability of the Month                                                                                                             | %         | 27.42%           |
|             | NAPAF (as per JSERC Generation Tariff Regulations 2020)                                                                                      | %         | 85%              |
|             | NAPLF (as per JSERC Generation Tariff Regulations 2020)                                                                                      | %         | 85%              |
|             | Actual Gross Generation for the Month                                                                                                        | kWh       | 17473536         |
|             | Ex-bus Generation for the Month                                                                                                              | kWh       | 15567683         |
| <b>2.0</b>  | <b>Capacity Payment for the Current Billing Period</b>                                                                                       |           |                  |
|             | 2.1 Total Capacity Charges due                                                                                                               | Rs        | 92350000         |
| <b>3.0</b>  | <b>Energy Payment for the Current Billing Period</b>                                                                                         |           |                  |
|             | 3.1 Energy Charge Rate                                                                                                                       | Rs/kWh    | 2.794            |
|             | 3.2 Total Energy Charges for the Month due                                                                                                   | Rs        | 43496106         |
| <b>4.0</b>  | <b>Incentive Payment for the Current Billing Period</b>                                                                                      |           |                  |
|             | 4.1 Ex-bus Energy in excess of NAPAF for FY 2024-25                                                                                          | Kwh       | 0                |
|             | 4.2 Total Incentive for the Month due                                                                                                        | Rs        | -16994265        |
| <b>5.0</b>  | <b>Fuel Price Adjustment for the Current Billing Period</b>                                                                                  |           |                  |
|             | 5.1 LDO Cost Adjustment                                                                                                                      | Rs        | 253140           |
|             | 5.2 Coal Cost Adjustment                                                                                                                     | Rs        | 9653658          |
|             | 5.3 Total Fuel Price Adjustment due (5.1)+(5.2)                                                                                              | Rs        | 9906797          |
|             | <b>Total Amount due for the Current Billing Period (2.1)+(3.2)+(4.2)+(5.3)</b>                                                               | <b>Rs</b> | <b>128758639</b> |
| <b>6.0</b>  | <b>Discount Amount for Coal received through SHAKTI auction</b>                                                                              | <b>Rs</b> | <b>46286</b>     |
| <b>7.0</b>  | <b>Total Amount for the Current Billing Period (Rupees Twelve Crore Eighty Seven Lakhs Twelve Thousand Three Hundred and Fifty Two Only)</b> | <b>Rs</b> | <b>128712352</b> |

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## Appendix B1: Detailed Computation of Capacity Charges, Energy Charges & Incentive

| 1. Monthly Availability for Regulated Capacity - Unit 2                                         |      |        |
|-------------------------------------------------------------------------------------------------|------|--------|
| Unit                                                                                            | 2    | Dec-24 |
| Particulars                                                                                     | UoM  | Value  |
| Monthly Average Declared Capacity for the Month (DCi)                                           | MW   | 29.61  |
| Installed Capacity (I) for Regulated Business                                                   | MW   | 120    |
| Normative Aux. Power Consumption (AUXn) (As approved by Hon'ble JSERC)                          | %    | 10.00% |
| Availability for the Month (as per Regulation 17.4 of JSERC Generation Tariff Regulations 2020) | %    | 27.42% |
| No. of Days of the Month (N)                                                                    | Days | 31     |
| YTD Availability at the end of the Month                                                        | %    | 91.29% |

| 2. Details of Capacity Charges FY 2024-25 - Unit 2                 |           |         |
|--------------------------------------------------------------------|-----------|---------|
| Unit                                                               | 2         |         |
| Regulated Capacity (MW)                                            | 120       |         |
| Particulars                                                        | UoM       | Values  |
| Annual Fixed Charges approved as per Review order dated 09.01.2024 | Rs Crores | 110.820 |
| Total Capacity Charges for the year                                | Rs Crores | 110.820 |

| 2a. Monthly Capacity Charges FY 2024-25 - Unit 2                                                                          |           |            |
|---------------------------------------------------------------------------------------------------------------------------|-----------|------------|
| Particulars                                                                                                               | UoM       | Dec-24     |
| Month                                                                                                                     | No.       | 9          |
| No. of Days                                                                                                               | No.       | 31         |
| Monthly Availability (PAFM)                                                                                               | %         | 27.42%     |
| YTD Availability                                                                                                          | %         | 91.29%     |
| Normative Availability (Approved by Hon'ble JSERC) (NAPAF)                                                                | %         | 85%        |
| Capacity Charges payable by Tata Steel for the Month (as per Regulation 17.3 of JSERC Generation Tariff Regulations 2020) | Rs Crores | 9.235      |
|                                                                                                                           | Rs        | 92,350,000 |

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| 3. Details of Energy Charge Rate FY 2024-25 - Unit 2                                    |          |        |
|-----------------------------------------------------------------------------------------|----------|--------|
| Unit                                                                                    |          | 2      |
| Regulated Capacity (MW)                                                                 |          | 120    |
| Particulars                                                                             | UoM      | Values |
| Normative Gross Station Heat Rate (as per JSERC Generation Tariff Regulations 2020)     | Kcal/kWh | 2567   |
| Normative Auxiliary Power Consumption (as per JSERC Generation Tariff Regulations 2020) | %        | 10%    |
| Base Weighted Avg GCV of Coal (As per MYT Order dated 04.11.2022)                       | Kcal/kg  | 3825   |
| Base Weighted Avg Landed Price of Coal (As per MYT Order dated 04.11.2022)              | Rs/Ton   | 3720   |
| Base Weighted Avg GCV of LDO (As per MYT Order dated 04.11.2022)                        | Kcal/L   | 9100   |
| Base Weighted Avg Landed Price of LDO (As per MYT Order dated 04.11.2022)               | Rs/KL    | 45198  |
| Normative Specific LDO Consumption (As per MYT Order dated 04.11.2022)                  | ml/kWh   | 0.500  |
| Energy Charge Rate as per Regulations 17.8 of Generation Tariff Regulations 2020        | Rs/kWh   | 2.794  |

| 3a. Monthly Energy Charges FY 2024-25 - Unit 2                                   |        |            |
|----------------------------------------------------------------------------------|--------|------------|
| Unit 2                                                                           | Values |            |
| Particulars                                                                      | UoM    | Dec-24     |
| Actual Gross Generation for the Month                                            | Kwh    | 17473536   |
| Actual Aux Power Consumption                                                     | %      | 10.91%     |
| Ex-Bus Generation for the Month                                                  | Kwh    | 15567683   |
| Energy Charge Rate as per Regulations 17.8 of Generation Tariff Regulations 2020 | Rs/Kwh | 2.794      |
| Total Energy Charges for the Month                                               | Rs     | 43,496,106 |

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| 4. Monthly Incentive Charges FY 2024-25 - Unit 2                                                                |           |                  |
|-----------------------------------------------------------------------------------------------------------------|-----------|------------------|
| Particulars                                                                                                     | UoM       | Dec-24           |
| No. of Days                                                                                                     | No.       | 31               |
| Net Generation during the Month (SGi ) (As per Regulation 3.1 (55) of JSERC Generation Tariff Regulations 2020) | Kwh       | 15567683         |
| YTD Net Generation for FY 2024-25                                                                               | Kwh       | 587137013        |
| Installed Capacity (I) for Regulated Business                                                                   | MW        | 120              |
| Normative Aux. Power Consumption (AUXn) (as per JSERC Generation Tariff Regulations 2020)                       | %         | 10%              |
| Plant Load Factor (PLF) for the Month                                                                           | %         | 19.37%           |
| YTD PLF at the end of the Month                                                                                 | %         | 82.37%           |
| Normative Plant Load Factor (NAPLF) (as per JSERC Generation Tariff Regulations 2020) (NAPAF)                   | %         | 85%              |
| Net Generation during the Month at NAPLF                                                                        | Kwh       | 68299200         |
| YTD Net Generation at NAPLF for FY 2024-25                                                                      | Kwh       | 605880000        |
| YTD Net Generation in excess of NAPLF for FY 2024-25                                                            | Kwh       | 0                |
| Rate of Incentive (As per Regulation 17.5 of JSERC Generation Tariff Regulations 2020)                          | Rs/Kwh    | 0.50             |
| <b>YTD Incentive for FY 2024-25</b>                                                                             | <b>Rs</b> | <b>0</b>         |
| YTD Incentive billed till previous month                                                                        | Rs        | 16994265         |
| <b>Incentive for the Month</b>                                                                                  | <b>Rs</b> | <b>-16994265</b> |

#### Appendix C1: Detailed Computation of Fuel Price Adjustment for Unit 2

| 5. Details of Fuel Price - Unit 2                                                        |          |          |               |            |            |            |         |
|------------------------------------------------------------------------------------------|----------|----------|---------------|------------|------------|------------|---------|
| Weighted Average Landed Price & GCV (As per MYT Order dated 04.11.2022 by Hon'ble JSERC) | UoM      |          |               |            |            |            |         |
| Weighted Average GCV of Coal                                                             | Kcal/Kg  | 3825.15  |               |            |            |            |         |
| Weighted Average Landed Price of Coal                                                    | Rs/Ton   | 3720.33  |               |            |            |            |         |
| Weighted Average Price of Coal *                                                         | Rs/MKcal | 972.60   |               |            |            |            |         |
| Computation with Actual Landed Price & GCV                                               | UoM      | Middling | CCL Shakti R3 | CCL Shakti | MCL Shakti | ECL Shakti | CCL SFA |
| GCV of Coal                                                                              | Kcal/Kg  | 4516     | 0             | 0          | 3224       | 5085       | 0       |
| Weighted Average GCV of Coal (less: 85 kCal storage loss)                                | Kcal/Kg  | 4399     |               |            |            |            |         |
| Coal in Mix                                                                              | %        | 91.69%   | 0.00%         | 0.00%      | 4.28%      | 4.03%      | 0.00%   |
| Landed Price                                                                             | Rs/Ton   | 5374     | 3179          | 0          | 2644       | 4857       | 0       |
| Weighted Average Landed Price of Coal                                                    | Rs/Ton   | 5236     |               |            |            |            |         |
| Weighted Average Price of Coal                                                           | Rs/MKcal | 1190     |               |            |            |            |         |

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| 5a.Fuel Price Adjustment FY 2024-25 - Unit 2                                                                   |                  |                  |
|----------------------------------------------------------------------------------------------------------------|------------------|------------------|
| Unit                                                                                                           | Unit 2           |                  |
| Regulated Capacity                                                                                             | 120 MW           |                  |
| No. of Days                                                                                                    | Days             | 31               |
| Particulars                                                                                                    | UoM              | Dec-24           |
| <b>A: Fuel Price Adjustment for LDO</b>                                                                        |                  |                  |
| Normative Sp. LDO Consumption (Approved by Hon'ble JSERC)                                                      | ml/kwh           | 0.50             |
| LDO Landed Price - Actual for the Month (As consumed basis)                                                    | Rs/KL            | 74467            |
| LDO Landed Price (Approved by Hon'ble JSERC)                                                                   | Rs/KL            | 45198            |
| Differential Landed Cost of LDO                                                                                | Rs/KL            | 29269            |
| Normative Aux Power Consumption (Approved by Hon'ble JSERC)                                                    | %                | 10.00%           |
| Fuel Price Adjustment for Secondary Fuel Oil (Refer Regulation 17.12 JSERC Generation Tariff Regulations 2020) | Rs/Kwh           | 0.0163           |
| <b>LDO Cost Adjustment</b>                                                                                     | <b>Rs Crores</b> | <b>0.025</b>     |
| <b>B: Fuel Price Adjustment for Coal</b>                                                                       |                  |                  |
| Normative Sp. LDO Consumption (Approved by Hon'ble JSERC)                                                      | ml/kwh           | 0.50             |
| Normative Heat Rate (Approved by Hon'ble JSERC)                                                                | Kcal/Kwh         | 2567             |
| Actual Gross Generation for the Month                                                                          | MUs              | 17.47            |
| Actual Aux Power Consumption                                                                                   | %                | 10.91%           |
| Ex-bus Generation for the Month                                                                                | MUs              | 15.57            |
| GCV of LDO (Approved by Hon'ble JSERC)                                                                         | Kcal/L           | 9100             |
| GCV of LDO (Actual)                                                                                            | Kcal/L           | 9324             |
| Heat Contribution by Coal at (approved GCV of LDO)                                                             | Kcal/Kwh         | 2562             |
| Heat Contribution by Coal at (Actual GCV of LDO for the month)                                                 | Kcal/Kwh         | 2562             |
| Weighted Average Landed Price of Coal (Approved by Hon'ble JSERC)                                              | Rs/Ton           | 3720             |
| Weighted Average GCV of Coal (Approved by Hon'ble JSERC)                                                       | Kcal/Kg          | 3825             |
| Weighted Average Landed Price of Coal (Actual during the Month)                                                | Rs/Ton           | 5236             |
| Weighted Average GCV of Coal (Actual during the Month)                                                         | Kcal/Kg          | 4399             |
| Cost of Coal (Approved by Hon'ble JSERC)                                                                       | Rs/MKcal         | 973              |
| Cost of Coal (Actual during the month)                                                                         | Rs/MKcal         | 1190             |
| Fuel Price Adjustment for Coal (Refer Regulation 17.12 JSERC Generation Tariff Regulations 2020)               | Rs/Kwh           | 0.620            |
| <b>Coal Cost Adjustment</b>                                                                                    | <b>Rs Crores</b> | <b>0.965</b>     |
| <b>Fuel Price Adjustment for the Month (=A+B)</b>                                                              | <b>Rs Crores</b> | <b>0.991</b>     |
| <b>Fuel Price Adjustment for the Month</b>                                                                     | <b>Rs</b>        | <b>9,906,797</b> |

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### Appendix D1: Discount amount for Generation Corresponding to SHAKTI Coal - Unit 2

| 6. Discount Amount for coal received through SHAKTI Auction - Unit 2 |            |                                             |              |        |
|----------------------------------------------------------------------|------------|---------------------------------------------|--------------|--------|
| Month : Dec 2024                                                     |            |                                             |              |        |
| Particulars                                                          | UoM        | Nomenclature                                | MCL          | ECL    |
| Quantum of Coal consumed during the month                            | MT         | A                                           | 425          | 400    |
| As Received GCV (less: 85 kCal storage loss)                         | kCal/kg    | B                                           | 3139         | 5000   |
| AUX                                                                  | %          | C                                           | 10.91%       | 10.91% |
| Station Heat Rate                                                    | kCal/kWh   | D                                           | 2567         | 2567   |
| Sales corresponding to concessional Fuel sourced under SHAKTI Policy | kWh        | $E = A \times 10^3 \times B \times (1-C)/D$ | 463018       | 694140 |
| Discount Rate                                                        | Rs./kWh    | F                                           | 0.04         | 0.04   |
| Source wise Discount Amount                                          | Rs.        | $G = F \times E$                            | 18521        | 27766  |
| <b>Total Discount Amount (DA)</b>                                    | <b>Rs.</b> | <b>H</b>                                    | <b>46286</b> |        |

### Appendix E1: Summary of Monthly Invoice for Unit 2

| Summary of Monthly Invoice FY 2024-25- Unit 2      |           |                    |
|----------------------------------------------------|-----------|--------------------|
| Month: Dec 2024                                    |           |                    |
| No. of Days                                        | 31        |                    |
| Particulars                                        | UoM       | Dec-24             |
| Availability for the Month                         | %         | 27.42%             |
| Contracted Capacity                                | MW        | 120                |
| Capacity Charges for the Month (A)                 | Rs        | 92,350,000         |
| Energy Charges for the Month (B)                   | Rs        | 43,496,106         |
| Incentive for the Month (C)                        | Rs        | -16,994,265        |
| Fuel Price Adjustment for the Month (D)            | Rs        | 9,906,797          |
| Shakti Discount Amount (E)                         | Rs        | 46286              |
| <b>Total Amount due for the Month (=A+B+C+D-E)</b> | <b>Rs</b> | <b>128,712,352</b> |

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### Appendix A2 – Details of Unit 3

|            | Particulars                                                                                                                                           | UoM       | Dec-24           |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|
| <b>1.0</b> | <b>Regulated Capacity</b>                                                                                                                             | <b>MW</b> | <b>120</b>       |
|            | Actual Availability of the Month                                                                                                                      | %         | 99.73%           |
|            | NAPAF (as per JSERC Generation Tariff Regulations 2020)                                                                                               | %         | 85%              |
|            | NAPLF (as per JSERC Generation Tariff Regulations 2020)                                                                                               | %         | 85%              |
|            | Actual Gross Generation for the Month                                                                                                                 | kWh       | 81711104         |
|            | Ex-bus Generation for the Month                                                                                                                       | kWh       | 74831856         |
| <b>2.0</b> | <b>Capacity Payment for the Current Billing Period</b>                                                                                                |           |                  |
|            | 2.1 Total Capacity Charges due                                                                                                                        | Rs        | 90158333         |
| <b>3.0</b> | <b>Energy Payment for the Current Billing Period</b>                                                                                                  |           |                  |
|            | 3.1 Energy Charge Rate                                                                                                                                | Rs/kWh    | 2.880            |
|            | 3.2 Total Energy Charges for the Month due                                                                                                            | Rs        | 215515746        |
| <b>4.0</b> | <b>Incentive Payment for the Current Billing Period</b>                                                                                               |           |                  |
|            | 4.1 Ex-bus Energy in excess of NAPAF for FY 2024-25                                                                                                   | Kwh       | 10463687.743     |
|            | 4.2 Total Incentive for the Month due                                                                                                                 | Rs        | 3266328          |
| <b>5.0</b> | <b>Fuel Price Adjustment for the Current Billing Period</b>                                                                                           |           |                  |
|            | 5.1 LDO Cost Adjustment                                                                                                                               | Rs        | 1216898          |
|            | 5.2 Coal Cost Adjustment                                                                                                                              | Rs        | 20106378         |
|            | 5.3 Total Fuel Price Adjustment due (5.1)+(5.2)                                                                                                       | Rs        | 21323276         |
|            | <b>Total Amount due for the Current Billing Period (2.1)+(3.2)+(4.2)+(5.3)</b>                                                                        | <b>Rs</b> | <b>330263683</b> |
| <b>6.0</b> | <b>Discount Amount for Coal received through SHAKTI auction</b>                                                                                       | <b>Rs</b> | <b>1506246</b>   |
| <b>8.0</b> | <b>Total Amount for the Current Billing Period (Rupees Twenty Eight Crore Forty Nine Lakhs Thirty Four Thousand Six Hundred and Ninety Four Only)</b> | <b>Rs</b> | <b>328757438</b> |

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**Appendix B2: Detailed Computation of Capacity Charges, Energy Charges & Incentive for  
Unit 3**

| 1. Monthly Availability for Regulated Capacity - Unit 3                                                |      |               |
|--------------------------------------------------------------------------------------------------------|------|---------------|
| Unit                                                                                                   | 3    | Dec-24        |
| Particulars                                                                                            | UoM  | Value         |
| Monthly Average Declared Capacity for the Month (DCi)                                                  | MW   | 107.71        |
| Installed Capacity (I) for Regulated Business                                                          | MW   | 120           |
| Normative Aux. Power Consumption (AUXn) (As approved by Hon'ble JSERC)                                 | %    | 10.00%        |
| <b>Availability for the Month (as per Regulation 17.4 of JSERC Generation Tariff Regulations 2020)</b> | %    | <b>99.73%</b> |
| No. of Days of the Month (N)                                                                           | Days | 31            |
| <b>YTD Availability at the end of the Month</b>                                                        | %    | <b>99.45%</b> |

| 2. Details of Capacity Charges FY 2024-25 - Unit 3                 |                  |                |
|--------------------------------------------------------------------|------------------|----------------|
| Unit                                                               | 3                |                |
| Regulated Capacity (MW)                                            | 120              |                |
| Particulars                                                        | UoM              | Values         |
| Annual Fixed Charges approved as per Review order dated 09.01.2024 | Rs Crores        | 108.190        |
| <b>Total Capacity Charges for the year</b>                         | <b>Rs Crores</b> | <b>108.190</b> |

| 2a. Monthly Capacity Charges FY 2024-25 - Unit 3                                                                                 |                  |                   |
|----------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|
| Particulars                                                                                                                      | UoM              | Dec-24            |
| Month                                                                                                                            | No.              | 9                 |
| No. of Days                                                                                                                      | No.              | 31                |
| Monthly Availability (PAFM)                                                                                                      | %                | 99.73%            |
| YTD Availability                                                                                                                 | %                | 99.45%            |
| Normative Availability (Approved by Hon'ble JSERC) (NAPAF)                                                                       | %                | 85%               |
| <b>Capacity Charges payable by Tata Steel for the Month (as per Regulation 17.3 of JSERC Generation Tariff Regulations 2020)</b> | <b>Rs Crores</b> | <b>9.016</b>      |
|                                                                                                                                  | <b>Rs</b>        | <b>90,158,333</b> |

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| 3. Details of Energy Charge Rate for FY 2024-25 - Unit 3                                |          |        |
|-----------------------------------------------------------------------------------------|----------|--------|
| Unit                                                                                    |          | 3      |
| Regulated Capacity (MW)                                                                 |          | 120    |
| Particulars (JSERC MYT Order 04.11.2022)                                                | UoM      | Values |
| Normative Gross Station Heat Rate (as per JSERC Generation Tariff Regulations 2020)     | Kcal/kWh | 2577   |
| Normative Auxiliary Power Consumption (as per JSERC Generation Tariff Regulations 2020) | %        | 10%    |
| Base Weighted Avg GCV of Coal (As per MYT Order dated 04.11.2022)                       | Kcal/kg  | 3826   |
| Base Weighted Avg Landed Price of Coal (As per MYT Order dated 04.11.2022)              | Rs/Ton   | 3820   |
| Base Weighted Avg GCV of LDO (As per MYT Order dated 04.11.2022)                        | Kcal/L   | 9100   |
| Base Weighted Avg Landed Price of LDO (As per MYT Order dated 04.11.2022)               | Rs/KL    | 45196  |
| Normative Specific LDO Consumption (As per MYT Order dated 04.11.2022)                  | ml/kWh   | 0.500  |
| Energy Charge Rate as per Regulations 17.8 of Generation Tariff Regulations 2020        | Rs/kWh   | 2.880  |

| 3a. Monthly Energy Charges FY 2024-25 - Unit 3                                   |        |             |
|----------------------------------------------------------------------------------|--------|-------------|
| Unit 3                                                                           | Values |             |
| Particulars                                                                      | UoM    | Dec-24      |
| Actual Gross Generation for the Month                                            | Kwh    | 81711104    |
| Actual Aux Power Consumption                                                     | %      | 8.42%       |
| Ex-Bus Generation for the Month                                                  | Kwh    | 74831856    |
| Energy Charge Rate as per Regulations 17.8 of Generation Tariff Regulations 2020 | Rs/Kwh | 2.880       |
| Total Energy Charges for the Month                                               | Rs     | 215,515,746 |

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| 4. Monthly Incentive Charges FY 2024-25 - Unit 3                                                                |        |            |
|-----------------------------------------------------------------------------------------------------------------|--------|------------|
| Particulars                                                                                                     | UoM    | Dec-24     |
| No. of Days                                                                                                     | No.    | 31         |
| Net Generation during the Month (SGi ) (As per Regulation 3.1 (55) of JSERC Generation Tariff Regulations 2020) | Kwh    | 74831856   |
| YTD Net Generation for FY 2024-25                                                                               | Kwh    | 616343688  |
| Installed Capacity (I) for Regulated Business                                                                   | MW     | 120        |
| Normative Aux. Power Consumption (AUXn) (as per JSERC Generation Tariff Regulations 2020)                       | %      | 10%        |
| Plant Load Factor (PLF) for the Month                                                                           | %      | 93.13%     |
| YTD PLF at the end of the Month                                                                                 | %      | 86.47%     |
| Normative Plant Load Factor (NAPLF) (as per JSERC Generation Tariff Regulations 2020) (NAPAF)                   | %      | 85%        |
| Net Generation during the Month at NAPLF                                                                        | Kwh    | 68299200   |
| YTD Net Generation at NAPLF for FY 2024-25                                                                      | Kwh    | 605880000  |
| YTD Net Generation in excess of NAPLF for FY 2024-25                                                            | Kwh    | 10463687.7 |
| Rate of Incetive (As per Regulation 17.5 of JSERC Generation Tariff Regulations 2020)                           | Rs/Kwh | 0.50       |
| YTD Incentive for FY 2023-24 (Post-Tax)                                                                         | Rs     | 5231844    |
| Applicable Tax Rate                                                                                             | %      | 0.00%      |
| YTD Incentive for FY 2024-25                                                                                    | Rs     | 5231844    |
| YTD Incentive billed till previous month                                                                        | Rs     | 1965516    |
| Incentive for the Month                                                                                         | Rs     | 3266328    |

#### Appendix C2: Detailed Computation of Fuel Price Adjustment for Unit 3

| 5. Details of Fuel Price - Unit 3                                                        |          |          |               |            |            |            |         |
|------------------------------------------------------------------------------------------|----------|----------|---------------|------------|------------|------------|---------|
| Weighted Average Landed Price & GCV (As per MYT Order dated 04.11.2022 by Hon'ble JSERC) | UoM      |          |               |            |            |            |         |
| Weighted Average GCV of Coal                                                             | Kcal/Kg  | 3825.67  |               |            |            |            |         |
| Weighted Average Landed Price of Coal                                                    | Rs/Ton   | 3820.48  |               |            |            |            |         |
| Weighted Average Price of Coal                                                           | Rs/MKcal | 998.64   |               |            |            |            |         |
| Computation with Actual Landed Price & GCV                                               | UoM      | Middling | CCL Shakti R3 | CCL Shakti | MCL Shakti | ECL Shakti | CCL SFA |
| GCV of Coal                                                                              | Kcal/Kg  | 4529     | 3663          | 3789       | 3224       | 4785       | 0       |
| Weighted Average GCV of Coal (less: 85 kCal storage loss)                                | Kcal/Kg  | 4090     |               |            |            |            |         |
| Coal in Mix                                                                              | %        | 55.65%   | 19.60%        | 15.25%     | 6.12%      | 3.38%      | 0.00%   |
| Landed Price                                                                             | Rs/Ton   | 5374     | 3179          | 3473       | 2644       | 4857       | 0       |
| Weighted Average Landed Price of Coal                                                    | Rs/Ton   | 4469     |               |            |            |            |         |
| Weighted Average Price of Coal                                                           | Rs/MKcal | 1093     |               |            |            |            |         |

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| 5a. Fuel Price Adjustment FY 2024-25 - Unit 3                                                                  |                  |                   |
|----------------------------------------------------------------------------------------------------------------|------------------|-------------------|
| Unit                                                                                                           | Unit 3           |                   |
| Regulated Capacity                                                                                             | 120 MW           |                   |
| No. of Days                                                                                                    | Days             | 31                |
| Particulars                                                                                                    | UoM              | Dec-24            |
| <b>A: Fuel Price Adjustment for LDO</b>                                                                        |                  |                   |
| Normative Sp. LDO Consumption (Approved by Hon'ble JSERC)                                                      | ml/kwh           | 0.50              |
| LDO Landed Price - Actual for the Month (As consumed basis)                                                    | Rs/KL            | 74467             |
| LDO Landed Price (Approved by Hon'ble JSERC)                                                                   | Rs/KL            | 45196             |
| Differential Landed Cost of LDO                                                                                | Rs/KL            | 29271             |
| Normative Aux Power Consumption (Approved by Hon'ble JSERC)                                                    | %                | 10.00%            |
| Fuel Price Adjustment for Secondary Fuel Oil (Refer Regulation 17.12 JSERC Generation Tariff Regulations 2020) | Rs/Kwh           | 0.016             |
| <b>LDO Cost Adjustment</b>                                                                                     | <b>Rs Crores</b> | <b>0.122</b>      |
| <b>B: Fuel Price Adjustment for Coal</b>                                                                       |                  |                   |
| Normative Sp. LDO Consumption (Approved by Hon'ble JSERC)                                                      | ml/kwh           | 0.50              |
| Normative Heat Rate (Approved by Hon'ble JSERC)                                                                | Kcal/Kwh         | 2577              |
| Actual Gross Generation for the Month                                                                          | MUs              | 81.71             |
| Actual Aux Power Consumption                                                                                   | %                | 8.42%             |
| Ex-bus Generation for the Month                                                                                | MUs              | 74.83             |
| GCV of LDO (Approved by Hon'ble JSERC)                                                                         | Kcal/L           | 9100              |
| GCV of LDO (Actual)                                                                                            | Kcal/L           | 9324              |
| Heat Contribution by Coal at (approved GCV of LDO)                                                             | Kcal/Kwh         | 2572              |
| Heat Contribution by Coal at (Actual GCV of LDO for the month)                                                 | Kcal/Kwh         | 2572              |
| Weighted Average Landed Price of Coal (Approved by Hon'ble JSERC)                                              | Rs/Ton           | 3820              |
| Weighted Average GCV of Coal (Approved by Hon'ble JSERC)                                                       | Kcal/Kg          | 3826              |
| Weighted Average Landed Price of Coal (Actual during the Month)                                                | Rs/Ton           | 4469              |
| Weighted Average GCV of Coal (Actual during the Month)                                                         | Kcal/Kg          | 4090              |
| Cost of Coal (Approved by Hon'ble JSERC)                                                                       | Rs/MKcal         | 999               |
| Cost of Coal (Actual during the month)                                                                         | Rs/MKcal         | 1093              |
| Fuel Price Adjustment for Coal (Refer Regulation 17.12 JSERC Generation Tariff Regulations 2020)               | Rs/Kwh           | 0.269             |
| <b>Coal Cost Adjustment</b>                                                                                    | <b>Rs Crores</b> | <b>2.011</b>      |
| <b>Fuel Price Adjustment for the Month (=A+B)</b>                                                              | <b>Rs Crores</b> | <b>2.132</b>      |
| <b>Fuel Price Adjustment for the Month</b>                                                                     | <b>Rs</b>        | <b>21,323,276</b> |

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## Appendix D2: Discount amount for Generation Corresponding to SHAKTI Coal - Unit 3

| 6. Discount Amount for coal received through SHAKTI Auction - Unit 3 |            |                                             |               |         |                |         |
|----------------------------------------------------------------------|------------|---------------------------------------------|---------------|---------|----------------|---------|
| Month : Dec 2024                                                     |            |                                             |               |         |                |         |
| Particulars                                                          | UoM        | Nomenclature                                | CCL Shakti R3 | CCL     | MCL            | ECL     |
| Quantum of Coal consumed during the month                            | MT         | A                                           | 9690          | 7540    | 3028           | 1671    |
| As Received GCV (less: 85 kCal storage loss)                         | kCal/kg    | B                                           | 3578          | 3704    | 3139           | 4700    |
| AUX                                                                  | %          | C                                           | 8.42%         | 8.42%   | 8.42%          | 8.42%   |
| Station Heat Rate                                                    | kCal/kWh   | D                                           | 2577          | 2577    | 2577           | 2577    |
| Sales corresponding to concessional Fuel sourced under SHAKTI Policy | kWh        | $E = A \times 10^3 \times B \times (1-C)/D$ | 12321260      | 9925065 | 3377833        | 2791035 |
| Discount Rate                                                        | Rs./kWh    | F                                           | 0.07          | 0.04    | 0.04           | 0.04    |
| Source wise Discount Amount                                          | Rs.        | $G = F \times E$                            | 862488        | 397003  | 135113         | 111641  |
| <b>Total Discount Amount (DA)</b>                                    | <b>Rs.</b> | <b>H</b>                                    |               |         | <b>1506246</b> |         |

## Appendix E2: Summary of Monthly Invoice for Unit 3

| Summary of Monthly Invoice FY 2024-25- Unit 3      |           |                    |
|----------------------------------------------------|-----------|--------------------|
| Month: Dec 2024                                    |           |                    |
| No. of Days                                        |           | 31                 |
| Particulars                                        | UoM       | Dec-24             |
| Availability for the Month                         | %         | 99.73%             |
| Contracted Capacity                                | MW        | 120                |
| Capacity Charges for the Month (A)                 | Rs        | 90,158,333         |
| Energy Charges for the Month (B)                   | Rs        | 215,515,746        |
| Incentive for the Month (C)                        | Rs        | 3,266,328          |
| Fuel Price Adjustment for the Month (D)            | Rs        | 21,323,276         |
| SHAKTI Discount Amount (E)                         | Rs        | 1,506,246          |
| <b>Total Amount due for the Month (=A+B+C+D-E)</b> | <b>Rs</b> | <b>328,757,438</b> |

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