

# **Jharkhand State Electricity Regulatory Commission**



Order on  
Business Plan and Multi Year Tariff for Control  
Period  
FY 2026-27 to FY 2030-31  
for  
Inland Power Limited (IPL)

March 30, 2026



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## List of Abbreviations

Abbreviation	Description
A&G	Administrative and General
ARR	Aggregate Revenue Requirement
CEA	Central Electricity Authority
COD	Commercial Operation Date
CFBC	Circulating Fluidized Bed Combustion
CCL	Central Coalfield Limited
CIL	Coal India Limited
ECR	Energy Charge Rate
FY	Financial Year
GCV	Gross Calorific Value
GFA	Gross Fixed Assets
GHR	Gross Station Heat Rate
GoI	Government of India
GoJ	Government of Jharkhand
IoWC	Interest on Working Capital
IPL	Inland Power Limited
JBVNL	Jharkhand Bijli Vitran Nigam Limited
JSEB	Jharkhand State Electricity Board
JSERC	Jharkhand State Electricity Regulatory Commission
JUVNL	Jharkhand Urja Vikas Nigam Limited
kCal	Kilocalorie
kg	Kilogram
kWh	Kilowatt-hour
MAT	Minimum Alternative Tax
ML	Millilitre
MOU	Memorandum of Understanding
MT	Million Tonnes
MU	Million Units
MW	Megawatt
MYT	Multi-Year Tariff
NAPAF	Normative Annual Plant Availability Factor
O&M	Operations and Maintenance
PAF	Plant Availability Factor
PLF	Plant Load Factor
PPA	Power Purchase Agreement
R&M	Repair and Maintenance
RoE	Return on Equity
Rs.	Rupees
SBI	State Bank of India
SERC	State Electricity Regulatory Commission
SLDC	State Load Dispatch Centre
SLM	Straight Line Method



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**Before**

**Jharkhand State Electricity Regulatory Commission, Ranchi**

**Case (Tariff) No.: 15 of 2025**

**In the matter of:**

**Petition for  
Business Plan and Multi Year Tariff for Control Period  
FY 2026-27 to FY 2030-31**

**In the matter:**

Inland Power Limited (IPL).....**Petitioner**

**PRESENT**

Hon'ble Justice Navneet Kumar  
Shri Mahendra Prasad

Chairperson  
Member (Legal)

**Order dated March 30, 2026**

Inland Power Limited (hereinafter referred to as 'IPL' or the 'Petitioner') filed a Petition, dated December 18, 2025, which has been taken up for proceeding by the Commission for Multi Year Tariff for Control Period FY 2026-27 to FY 2030-31 for the generation of electricity in Jharkhand.



# Chapter 1: Introduction

## Jharkhand State Electricity Regulatory Commission

- 1.1 The Jharkhand State Electricity Regulatory Commission (hereinafter referred to as “JSERC” or “the Commission”) was established by the Government of Jharkhand under Section 17 of the Electricity Regulatory Commission Act, 1998 on August 22, 2002. The Commission became operational with effect from April 24, 2003.
- 1.2 The Government of Jharkhand vide its notification dated August 22, 2002 had defined the functions of JSERC as per Section 22 of the Electricity Regulatory Commission Act, 1998 to be the following, namely: -
- a) to determine the tariff for electricity, wholesale, bulk, grid or retail, as the case maybe, in the manner provided in Section 29;
  - b) to determine the tariff payable for the use of the transmission facilities in the manner provided in Section 29;
  - c) to regulate power purchase and procurement process of the transmission utilities and distribution utilities including the price at which the power shall be procured from the generating companies, generating stations or from other sources for transmission, sale, distribution and supply in the State;
  - d) to promote competition, efficiency and economy in the activities of the electricity industry to achieve the objects and purposes of this Act.
- 1.3 After the Electricity Act, 2003 came into force, the earlier Electricity Regulatory Commission Act of 1998 stands repealed and the JSERC is discharging its functions as prescribed in Section 86 of the Act.
- 1.4 In accordance with the provisions of the said Act, the JSERC discharges the following functions: -
- a) determine the tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the State:

Provided that where open access has been permitted to a category



of consumers under Section 42, the State Commission shall determine only the wheeling charges and surcharge thereon, if any, for the said category of consumers;

- b) regulate electricity purchase and procurement process of distribution licensees including the price at which electricity shall be procured from the generating companies or licensees or from other sources through agreements for purchase of power for distribution and supply within the State;
  - c) facilitate intra-state transmission and wheeling of electricity;
  - d) issue licenses to persons seeking to act as transmission licensees, distribution licensees and electricity traders with respect to their operations within the State;
  - e) promote cogeneration and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and sale of electricity to any person, and also specify, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licensee;
  - f) adjudicate upon the disputes between the licensees and generating companies; and to refer any dispute for arbitration;
  - g) levy fee for the purposes of this Act;
  - h) specify State Grid Code consistent with the Grid Code specified under Clause (h) of sub-section (1) of Section 79;
  - i) specify or enforce standards with respect to quality, continuity and reliability of service by licensees;
  - j) fix the trading margin in the intra-state trading of electricity, if considered, necessary;
  - k) discharge such other functions as may be assigned to it under this Act.
- 1.5 The Commission advises the State Government on all or any of the following matters, namely: -
- a) promotion of competition, efficiency and economy in activities of the electricity industry;
  - b) promotion of investment in electricity industry;



- c) reorganization and restructuring of electricity industry in the State;
  - d) matters concerning generation, transmission, distribution and trading of electricity or any other matter referred to the State Commission by that Government.
- 1.6 The State Commission ensures transparency while exercising its powers and discharging its functions.
- 1.7 In discharge of its functions, the State Commission is guided by the National Tariff Policy framed and published by Government of India under the provisions of Section 3 of the Act. The objectives of the present National Tariff Policy are to: -
- a) ensure availability of electricity to consumers at reasonable and competitive rates;
  - b) ensure financial viability of the sector and attract investments;
  - c) promote transparency, consistency and predictability in regulatory approaches across jurisdictions and minimize perceptions of regulatory risks;
  - d) promote competition, efficiency in operations and improvement in quality of supply.

### ***The Petitioner – Inland Power Limited (IPL)***

- 1.8 Inland Power Limited is a company incorporated under the provisions of the Indian Companies Act, 1956. IPL was originally incorporated on June 22, 1993 as a Private Limited Company and was subsequently converted to a Public Limited Company on April 3, 2008.
- 1.9 The Petitioner signed a Memorandum of Understanding (MoU) with Government of Jharkhand to develop a 126 MW (+20%) (2x63 MW) thermal power plant based on CFBC technology in two stages in Gola, District Ramgarh, Jharkhand on October, 2011. The Petitioner commissioned its 1st Unit (1x63MW) on May 21, 2014.
- 1.10 As per the provisions of the MoU, the Government of Jharkhand (GoJ) or Distribution Licensees authorized by it will have the first right of



claim on purchase up to 25% of the power delivered to the system by the proposed power plant. Further, the MoU stipulates that out of the 25% under the first right of refusal to the State, the rate of 12% share will be on variable cost. Pursuant to the MoU signed between GoJ and IPL, IPL signed a Power Purchase Agreement (PPA) with Jharkhand State Electricity Board (now Jharkhand Bijli Vitran Nigam Limited or JBVNL) on February 23, 2012 for supplying 35 MW of 63 MW from 1st Unit of the project on long term basis. Subsequently, IPL signed a supplementary PPA with JSEB (now JBVNL) on April 22, 2013 for purchase and sale of the entire quantity of 63 MW power from the 1st Unit of 63 MW inclusive of quantity mentioned in earlier Principal PPA.

### ***The Petitioner's Prayers***

1.11 The Petitioner in these Petitions has made the following prayers: -

- a) Accept the petition for Business Plan & Multi-year Tariff for the Control Period FY 2026-27 to FY 2030-31 and approve the numbers for the petition as discussed herewith;
- b) This Hon'ble Commission vide its orders dated 04-11-2022 and 28-02-2023 has approved 100% recovery of fixed charges for FY 2014-15, FY 2016-17, FY 2017-18, FY 2018-19 and FY 2019-20;
- c) The same has been approved vide orders dated 22.05.2023 for FY 2020-21, 26.02.2024 for FY 2021-22, 23.07.2024 for FY 2022-23, and 27.05.2025 for FY 2023-24;
- d) The petitioner humbly requests the Hon'ble JSERC to also consider full 100% basis for the fixed cost recovery in the computation of the instant petition.
- e) IPL in Case No. 31 of 2024 filed a petition on August 29, 2024, for approval of the capital cost for the replacement of the bed ash cooler and emergency ash storage pond with an ash conveying system totaling Rs. 6.89 Cr.
- f) The above matter is already sub judice before the Commission and is independent of the issues presented under the instant MYT & Business Plan Petition. However, since the matter pertains to the Control Period



FY 2026-27 to FY 2030-31, the outcome of the final decision under Case No. 31 of 2024 (filed on August 29, 2024) may appropriately be reflected in the Commission's Order for the MYT & Business Plan for the Control Period FY 2026-27 to FY 2030-31, at the time of disposing issues under the instant petition.

- g) Condone any inadvertent omissions/ errors/ rounding off differences/ shortcomings and permit IPL to add/ change/ modify this filing and make further submission as may be at a future date; and
- h) Pass such further orders, as the Hon'ble Commission may deem fit and proper, keeping in view the facts and circumstances of the case.

### **Scope of the Present Order**

1.12 The Petitioner filed the current Petition for Multi Year Tariff for Control Period FY 2026-27 to FY 2030-31. The Commission in this Order has therefore approved the Business Plan and Multi Year Tariff of 4<sup>th</sup> Control Period *i.e.*, FY 2026-27 to FY 2030-31.

1.13 While approving this Order, the Commission has taken into consideration: -

- (a) Material placed on record by the Petitioner;
- (b) Provisions of the Electricity Act, 2003;
- (c) Principles laid down in the National Electricity Policy;
- (d) Principles laid down in the National Tariff Policy;
- (e) JSERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2025.

1.14 Accordingly, the Commission has scrutinized the Petition in detail and hereby issues the Order on Business Plan and Multi Year Tariff for Control Period FY 2026-27 to FY 2030-31.



## **Chapter 2: Procedural History**



## Chapter 2: Procedural History

### Background

- (a) The Commission had approved the provisional tariff for FY 2014-15 to FY 2015-16 in its MYT Order for FY 2014-15 to FY 2015-16 dated May 27, 2014 based on submission of the anticipated date of Commercial Operation Date (COD) of the plant as May 2014.
- (b) Subsequently, the Commission on May 16, 2017, issued a Tariff Order on approval of Capital cost of Unit-1 (1x63MW), True-up of the ARR for the year FY 2014-15, Annual Performance Review for the year FY 2015-16 and Multi Year Tariff for the 2nd Control period from FY 2016-17 to FY 2020-21.
- (c) The Commission had issued the true-up Order for FY 2015-16 for Unit-1 (1x63MW) on March 19, 2018 based on audited accounts submitted by the Petitioner.
- (d) The Petitioner had filed the review Petition on true-up Order for FY 2015-16 which was disposed off by the Commission on May 13, 2019.
- (e) Later, on October 01, 2019, the Commission had issued the True-up Order for FY 2016-17 and FY 2017-18 based on the audited accounts of the respective financial year and methodology adopted in earlier Orders.
- (f) Subsequently, the Commission also approved the Annual Performance Review for FY 2018-19 vide its Order dated December 26, 2019.
- (g) The Commission had issued the true-up Order for FY 2018-19 on September 22, 2020 based on audited accounts submitted by the Petitioner.
- (h) Later, on November 04, 2022, the Commission had issued the Order on Truing-up for FY 2019-20 & APR for FY 2020-21 based on audited accounts submitted by the Petitioner.
- (i) The Commission vide Order dated May 22, 2023 had issued the Order for True-up of FY 2020-21.
- (j) The Commission vide order dated November 16, 2023 had issued the order for Business Plan and Multi Year Tariff for Control Period FY 2021-



22 to FY 2025- 26.

- (k) Subsequently the Commission vide order dated February 26,2024 had issued order for True-up of FY 2021-22.
- (l) The Commission vide separate orders dated July 23,2024 had issued order for True-up of FY 2022-23 and APR for FY 2023-24.
- (m) Subsequently the Commission vide separate orders dated May 27,2025 has issued order for True-up for FY 2023-24 and APR 2024-25

### **Information Gaps in the Petition**

- 2.1 The Commission has scrutinized the data/information submitted by the Petitioner and has considered the same while passing this Order.
- 2.2 In order to provide adequate opportunity to all stakeholders and general public, as mandated under Section 64 (3) of the Electricity Act 2003, and in relevant provisions of Regulation(s) framed by the Commission and further in order to ensure transparency in the process of tariff determination, the Commission decided to conduct public hearings on February 20, 2026 in the Meeting Hall of Vishwesharaiya Sanitation and Drinking Water Academy, Kanke Road, Ranchi for inviting comments/suggestion/objection.

### **Inviting Public Comments/ Suggestions**

- 2.3 The Commission directed the Petitioner to make available copies of the Petition to the members of general public on request, and also issued a public notice inviting comments/ suggestions on the above said Petition.
- 2.4 The aforesaid public notice was issued by the Petitioner in various newspapers and a period of twenty-one (21) days was given to the members of the general public for submitting their comments/suggestions.

**TABLE 1: LIST OF NEWSPAPERS AND DATES OF PUBLICATION OF PUBLIC NOTICE BY THE PETITIONER**

Sl. No.	Newspaper	Date of Publication
1.	Prabhat Khabar	08.01.2026



Sl. No.	Newspaper	Date of Publication
2.	Dainik Bhaskar	08.01.2026
3.	Hindustan	09.01.2026
4.	Dainik Jagran	09.01.2026
5.	Times of India	08.01.2026 & 09.01.2026
6.	Hindustan Times	08.01.2026 & 09.01.2026

2.5 Subsequently, the Commission also issued a notice on its website www.jserc.org and in various newspapers for conducting the public hearing on the Petition filed by the Petitioner. The newspapers wherein the notice for public hearing was issued by the Commission are detailed hereunder:

**TABLE 2: LIST OF NEWSPAPERS AND DATES OF PUBLICATION OF PUBLIC NOTICE BY THE COMMISSION**

Sl. No.	Newspaper	Date of Publication
1.	Prabhat Khabar	12.02.2026 & 19.02.2026
2.	Hindustan	12.02.2026
3.	The Times of India	12.02.2026 & 19.02.2026
4.	The Pioneer	12.02.2026
5.	Dainik Bhaskar	19.02.2026
6.	The Hindustan Times	19.02.2026

### **Submission of Comments/ Suggestions and Conduct of Public Hearing**

- 2.6 The public hearing was held on February 20, 2026 in the Meeting Hall of Vishwesharaiya Sanitation and Drinking Water Academy, Kanke Road, Ranchi for inviting comments/suggestion/objection.
- 2.7 Comments/Suggestions on the Petition were received. The Comments/Suggestions of the Public, Petitioner's responses and Commission's views thereon are detailed in **Chapter 4** of this Order.



## **Chapter 3: Brief Facts of the Petition**



## Chapter 3: Brief Facts of the Petition

### Multi Year Tariff for Control Period from FY 2026-27 to FY 2030-31

#### a) Operational Parameters of Plant

3.1 The summary of operational parameters as submitted by the Petitioner is provided in the table below:

**TABLE 3: OPERATIONAL PARAMETERS AS SUBMITTED BY THE PETITIONER**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Plant Load Factor	%	82.50%	82.50%	82.50%	82.50%	82.50%
Availability	%	82.50%	82.50%	82.50%	82.50%	82.50%
Gross Generation	MUs	455.30	456.55	455.30	455.30	455.30
Auxiliary Consumption	%	11.51	11.51	11.51	11.51	11.51
Auxiliary Consumption	MUs	52.40	52.55	52.40	52.40	52.40
Net Generation	MUs	402.90	404.00	402.90	402.90	402.90
Weighted Average GCV of primary fuel	kCal/kg	3385.83	3385.83	3385.83	3385.83	3385.83
Station Heat Rate	kcal/kWh	2965.06	2965.06	2965.06	2965.06	2965.06
Calorific value of secondary fuel	kCal/litre	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
Primary fuel consumption	MTons	3,97,373.62	3,98,462.31	3,97,373.62	3,97,373.62	3,97,373.62
Secondary oil consumption	kL	455.30	456.55	455.30	455.30	455.30
Primary Fuel Cost	Rs./MTon	3,174.60	3,174.60	3,174.60	3,174.60	3,174.60

#### b) Capital Expenditure

3.2 The details of Capital Expenditure as submitted by the Petitioner in its original submission have been summarized below:

**TABLE 4: CAPITAL EXPENDITURE AS SUBMITTED BY THE PETITIONER (RS. CR.)**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Gross Block Opening	Rs. Cr.	-	4.50	5.27	5.27	5.27
Addition during the year	Rs. Cr.	4.50	0.77	-	-	-
Gross Block Closing	Rs. Cr.	4.50	5.27	5.27	5.27	5.27

3.3 The Petitioner has identified certain capital expenditure schemes based on operational requirements and in accordance with Regulation 6.7 of the JSERC



Tariff Regulations, 2025, and has submitted the details of these proposed capital investments through its Business Plan along with the instant petition.

**TABLE 5: PROPOSED ADDITIONAL CAPITAL EXPENDITURE AS SUBMITTED BY THE PETITIONER (RS. CR.)**

Particulars	Amount in Rs.Cr
ID Fan	0.30
PA Fan	0.16
SA Fan	0.09
ID Fan Motor	0.50
PA Fan Motor	0.24
SA Fan Motor	0.14
MCW Pump	0.29
ACW Pump	0.10
Generator Breaker	0.18
HP Heater	2.25
Generator Air Cooler	0.25
Boiler & TG DCS – Software & CPU Upgrade	0.57
TG Governor DCS – Software & CPU Upgrade	0.20
<b>TOTAL</b>	<b>5.27</b>

3.4 However, the Petitioner has not submitted the decapitalization of the assets to be replaced with the said Capex.

**c) Aggregate Revenue Requirement (ARR)**

3.5 The Annual Revenue Requirement as submitted by the Petitioner is provided in the table below:

**TABLE 6: AGGREGATE REVENUE REQUIREMENT AS SUBMITTED BY THE PETITIONER (RS. CR.)**

Particulars	FY 27	FY28	FY29	FY30	FY31
Depreciation	17.77	17.87	17.87	17.87	17.87
Interest on Loan	-	-	-	-	-
Interest on Normative Loan	4.52	2.76	0.91	-	-
Return on Equity	18.26	18.40	18.42	18.42	18.42
Interest on Working Capital	7.14	7.27	7.42	7.60	7.82
O&M Expenses	42.51	45.56	48.97	52.84	57.23
Water charge	2.72	2.72	2.72	2.72	2.72
<b>Annual Fixed Cost</b>	<b>92.92</b>	<b>94.58</b>	<b>96.31</b>	<b>99.45</b>	<b>104.07</b>
Cost of Primary fuel	126.15	126.50	126.15	126.15	126.15
Cost of Secondary fuel	4.20	4.21	4.20	4.20	4.20
<b>Total Variable Cost</b>	<b>130.35</b>	<b>130.70</b>	<b>130.35</b>	<b>130.35</b>	<b>130.35</b>
<b>Energy Charge Rate</b>	<b>3.24</b>	<b>3.24</b>	<b>3.24</b>	<b>3.24</b>	<b>3.24</b>
<b>Annual Revenue Requirement</b>	<b>223.26</b>	<b>225.29</b>	<b>226.65</b>	<b>229.79</b>	<b>234.41</b>



## **Chapter 4: Public Consultation Process**



## **Chapter 4: Public Consultation Process**

- 4.1 The Petition filed by the Petitioner evoked responses from its beneficiary. Public hearing was held on February 20, 2026 in the Meeting Hall of Vishwesharaiya Sanitation and Drinking Water Academy, Kanke Road Kanke, Ranchi to ensure maximum public participation and transparency wherein Stakeholders put forth their comments and suggestions before the Commission in the presence of the Petitioner. The list of the attendees is attached as **Annexure-I** to this Order.
- 4.2 The Comments/Suggestion of the members of the Public along with the response thereon of the Petitioner and the views of the Commission are detailed hereunder:

### **Stakeholder's Comment**

- 4.3 JBVNL submitted that Commission had approved closing equity of Rs. 91.54 Crore in the true up FY 2024-25. However, the Petitioner has considered an opening equity of Rs. 100.53 crore. Justification is required for the same

### **Petitioner's Submission**

- 4.4 The Petitioner submitted that, in paragraph 3.2.2 of the True-up Petition for FY 2024-25, the Return on Equity (RoE) has been computed on the closing equity base of Rs. 100.53 Cr as claimed in the previous year. The Petitioner further submitted that such treatment is in accordance with regulatory accounting principles, wherein the closing balance of the preceding year is considered as the opening balance for the current year, and is consistent with its past practice.

### **Stakeholder' Comment**

- 4.5 The Petitioner has considered both interest on Loan and Normative interest on loan even though it claims that the term loan has been already repaid in FY 2022-23. This should not be allowed.

### **Petitioner's Submission**



4.6 The Petitioner submitted that the interest on normative loan has been claimed in accordance with the applicable Tariff Regulations. The Petitioner further submitted that the normative loan has been computed based on the normative debt-equity ratio, and the interest thereon has been calculated at the weighted average rate of interest as prescribed under the Regulations. The Petitioner stated that such approach is consistent with regulatory principles and its past filings.

#### ***Stakeholder' Comment***

4.7 Auxiliary consumption claimed at 11.51% as against the approved rate of 10.50%. IPL always claim a higher rate for auxiliary consumption. This inefficiency should not be passed to the consumer.

#### ***Petitioner's Submission***

4.8 The Petitioner submitted that the generating station is based on CFBC technology, which inherently involves higher auxiliary consumption due to higher pressure drops and fan power requirements, and the same is not reflective of inefficiency. It further submitted that, as per CERC Tariff Regulations, 2009, auxiliary consumption norms for CFBC-based stations were higher than conventional coal-based units.

4.9 The Petitioner stated that CFBC technology offers advantages such as better fuel efficiency, emission control, and fuel flexibility compared to AFBC boilers.

4.10 The Petitioner submitted that higher auxiliary consumption is a technical requirement of CFBC plants and has been recognized by other State Commissions.

#### ***Stakeholder's Comment***

4.11 JBVNL stated that the calculation used for determining depreciation is not clear and needs further clarification.



***Petitioner's Submission***

4.12 The depreciation is calculated based on the assets of the petitioner as defined in the JSERC Generation Tariff Regulation 2020. The petitioner has submitted the Audited books of account with the petition for scrutiny of the Commission.

***Stakeholder's Comment***

4.13 The petitioner claims that the ash brick business is different business however, it claims the ash handling charges in the petition. This should not be allowed.

***Petitioner's Submission***

4.14 The petitioner stated that the ash handling expense is attributed to generation business and it needs to be disposed as per MoEF guidelines. Thus, the ash handling expense is claimed according to JSERC Generation Tariff Regulations, 2020.

***Stakeholder's Comment***

4.15 JBVNL stated that other expenses claimed by the petitioner is substantially high and should not be allowed by the Commission.

***Petitioner's Submission***

4.16 The petitioner submitted that other expenses are claimed as actuals as per the applicable regulations.



# **Chapter 5: Business Plan and Multi Year Tariff for Control Period FY 2026- 27 To FY 2030-31**



## Chapter 5: Business Plan and Multi Year Tariff for Control Period FY 2026-27 To FY 2030-31

- 5.1 The Petitioner filed its Business Plan and Multi Year Tariff for Control Period FY 2026-27 to FY 2030-31 in line with the JSERC (Terms & Conditions for Determination of Generation Tariff) Regulations, 2025. Accordingly, the Commission has approved the Business Plan and Multi Year Tariff for the Control Period FY 2026-27 to FY 2030-31, in line with the relevant Regulations.
- 5.2 The component-wise description of the Petitioner's submission and the Commission's analysis thereof is provided hereunder.

### Business Plan and Capital Investment Plan

#### Petitioner's Submission

#### Additional Capitalization for MYT period

- 5.3 The Petitioner submits that it has identified certain capital expenditure schemes based on operational requirements and in accordance with Regulation 6.7 of the JSERC Tariff Regulations, 2025, and has submitted the details of these proposed capital investments through its Business Plan along with the instant petition for approval of the Commission.

**TABLE 7: ADDITIONAL CAPITALIZATION CONSIDERED FOR THE MYT CONTROL PERIOD AS SUBMITTED BY THE PETITIONER (RS. CR.)**

Particulars	Reason for Replacement	Amount in Rs. Cr.
ID Fan	The ID fans have been in continuous operation since 2014 without any standby. Over time, the impeller and shaft have suffered erosion and the casing has corroded, reducing efficiency and reliability. Replacement is necessary to ensure reliable operation and avoid forced outages.	0.30
PA Fan	The PA fans, in operation since 2014 without standby provision, have experienced significant corrosion of the impeller, erosion of the shaft, and casing deterioration. Replacement is proposed to restore performance and ensure sustained operation.	0.16
SA Fan	The SA fans have been operating continuously since 2014 without standby. Corrosion and erosion have affected the impeller, shaft, and casing, reducing efficiency. Replacement is essential to maintain reliable air supply and prevent operational disruptions.	0.09



Particulars	Reason for Replacement	Amount in Rs. Cr.
ID Fan Motor	The ID fan motors have been operating for over 11 years with no standby. High winding temperatures have been observed during full-load operation, indicating deterioration of insulation. A spare motor is required to prevent potential failure and avoid production loss.	0.50
PA Fan Motor	The PA fan motors, in service since 2014, show signs of insulation degradation and high winding temperature during full-load operation. As no standby is available, a spare motor is required to mitigate the risk of sudden failure and avoid loss of generation.	0.24
SA Fan Motor	The SA fan motors have been in service since 2014 with no standby. Deterioration of motor windings and overheating have been observed, posing a risk of failure. Replacement is necessary to ensure uninterrupted operation and avoid loss of generation.	0.14
MCW Pump	Over the past two years, the discharge head has gradually reduced due to increased internal clearance, leading to higher auxiliary power consumption. Further deterioration may reduce condenser vacuum, increasing steam consumption per MW. Replacement is required to maintain efficiency.	0.29
ACW Pump	One ACW pump is underperforming due to wear and tear of internal parts, resulting in higher auxiliary power consumption. Given its long service life since 2014 and high repair cost, replacement is more economical than overhauling.	0.10
Generator Breaker	The generator VCB breakers, operational since 2014, have experienced frequent closing failures, leading to generation interruptions. The equipment has reached end of life, and replacement is necessary to ensure reliable power evacuation.	0.18
HP Heater	Since commissioning, both HP heaters have shown unsatisfactory performance with high terminal temperature difference (TTD) and drain cooler approach (DCA), along with frequent tube failures. This has affected turbine efficiency and increased heat rate. Replacement is required to improve heat recovery and reduce generation cost.	2.25
Generator Air Cooler	Frequent tube leakages have been observed in all air coolers, which have been in service since 2014. The coolers have reached the end of their operational life, and continued leakage may cause moisture ingress, risking generator winding failure. Replacement is essential to ensure safe operation.	0.25
Boiler & TG DCS – Software & CPU Upgrade	The existing DCS system frequently hangs due to obsolete software, limiting operational parameter analysis. Honeywell has discontinued support for the current version, posing a risk of complete system failure. Upgradation to the latest software, CPU, and operator PCs is essential to ensure stable and reliable operation.	0.57
TG Governor DCS – Software & CPU Upgrade	The TG governor DCS system has become obsolete and experiences frequent software hang-ups, affecting turbine control. Manufacturer support is no longer available. Upgradation to a newer software version with CPU and PC replacement is necessary to ensure smooth turbine operation and prevent production loss.	0.20
<b>TOTAL</b>		<b>5.27</b>

### Commission's Analysis

5.4 The Commission examined the submissions of the Petitioner and the



- justification provided for replacement of various equipment.
- 5.5 The Commission observes that the said equipment, including ID/PA/SA Fans and their motors, cooling water pumps, generator breaker, HP heaters, generator air coolers and control systems, have been in continuous operation since commissioning of the plant in 2014. The Petitioner has submitted that several of these critical components have experienced erosion, corrosion, insulation deterioration, reduced hydraulic performance and frequent operational failures due to prolonged service and absence of adequate standby arrangements. The Commission notes that deterioration of such essential equipment may adversely affect plant reliability, auxiliary power consumption and overall operational efficiency of the generating station.
- 5.6 The Commission further observes that certain systems such as the HP heaters and generator air coolers have shown persistent performance issues including higher terminal temperature difference, drain cooler approach and frequent tube leakages, which have an adverse impact on turbine efficiency and heat rate.
- 5.7 In addition, the existing Distributed Control Systems (DCS) of the Boiler and Turbine as well as the TG Governor system have become obsolete, with manufacturer support no longer available, thereby posing operational and cybersecurity risks. Replacement and upgradation of these systems is therefore considered necessary for ensuring safe, reliable and efficient operation of the generating station.
- 5.8 In view of the above and considering that the proposed works are essential for maintaining operational reliability and preventing forced outages, the Commission hereby approves the proposed capital expenditure amounting to Rs. 5.27 crore, subject to prudence check at the time of truing-up.
- 5.9 The Petitioner is directed to ensure that the procurement of the said equipment is carried out through a transparent and competitive process and that the benefits of improved efficiency and reliability are duly passed on to the beneficiaries.

**TABLE 8: ADDITIONAL CAPITALIZATION FOR THE MYT CONTROL PERIOD**



## APPROVED BY THE COMMISSION (RS. CR.)

Particulars	Amount in Rs.
ID Fan	0.30
PA Fan	0.16
SA Fan	0.09
ID Fan Motor	0.50
PA Fan Motor	0.24
SA Fan Motor	0.14
MCW Pump	0.29
ACW Pump	0.10
Generator Breaker	0.18
HP Heater	2.25
Generator Air Cooler	0.25
Boiler & TG DCS – Software & CPU Upgrade	0.57
TG Governor DCS – Software & CPU Upgrade	0.20
<b>TOTAL</b>	<b>5.27</b>

5.10 Further, the Petitioner needs to submit the decapitalization at the time of truing up.

## Components of Fixed Cost

### Depreciation

#### Petitioner's Submission

5.11 The Petitioner has submitted that the asset wise rates of depreciation have been considered as per the rates provided in the Appendix-I of the JSERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2025. The details of year wise depreciation submitted by the Petitioner are provided in the following table.

**TABLE 9: DEPRECIATION AS SUBMITTED BY THE PETITIONER**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Opening Balance for Gross Fixed Assets (GFA)	Rs. Cr.	339.82	344.32	345.09	345.09	345.09
Addition	Rs. Cr.	4.50	0.77	-	-	-
Closing Balance for Gross Fixed Assets (GFA)	Rs. Cr.	344.32	345.09	345.09	345.09	345.09
<b>Depreciation</b>	<b>Rs. Cr.</b>	<b>17.77</b>	<b>17.87</b>	<b>17.87</b>	<b>17.87</b>	<b>17.87</b>

#### Commission's Analysis

5.12 The Commission calculated the depreciation for the plant by considering



the approved capital cost and the depreciation rates specified in the JSERC (Terms & Conditions for Determination of Generation Tariff) Regulations, 2025. The following table shows the depreciation for the Plant as approved by the Commission.

**TABLE 10: DEPRECIATION AS APPROVED BY THE COMMISSION**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Depreciation	Rs. Cr.	14.76	14.87	14.87	14.87	14.87

## Interest on Loan

### Petitioner's Submission

5.13 The Petitioner submits that all term Loans availed by IPL have been fully repaid and closed. IPL avails short-term loans from Body Corporate sources, and short-term working capital loans. However, since interest on working capital is claimed separately in accordance with the normative provisions under Regulations 15.23 to 15.27 of the JSERC Tariff Regulations, 2025, such loans have not been considered for computation of interest on loan.

5.14 The petitioner submits that as per Regulation 15.7 (2) of JSERC Tariff Regulations 2025, in case the actual equity employed is in excess of 30%, the amount of equity for the purpose of tariff determination shall be limited to 30%, and the balance amount shall be considered as normative loan. Further Regulation 15.13 states that the loans arrived at in the manner indicated in Clause 15.6 and Clause 15.7 of the Regulations, shall be considered as gross normative loan for calculation of Interest on Loan. As of FY 2023–24, all Term Loans availed by IPL have been fully repaid and closed. The first proviso for Regulation 15.18 of JSERC Tariff Regulations 2025 states as quoted below,

*“Provided that if there is no actual loan for a particular year but normative loan is still outstanding, then the rate of interest shall be considered on normative basis and shall be equal to Bank Rate as on April 01 of the respective year of the Control Period plus 200 basis points;”*

5.15 In view of the above, the Petitioner has computed the Interest on Normative Loan in line with the applicable Regulations of the JSERC



## Tariff Regulations 2025.

**TABLE 11: INTEREST ON NORMATIVE LOAN AS SUBMITTED BY THE PETITIONER**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Opening Normative Debt Balance	Rs. Cr	48.41	33.79	16.46	-	-
Additions during the year	Rs. Cr	3.15	0.54	-	-	-
Repayment	Rs. Cr	17.77	17.87	16.46	-	-
Closing Normative Debt Balance	Rs. Cr	33.79	16.46	-	-	-
Average	Rs. Cr	41.10	25.13	8.23	-	-
Rate of Interest	%	11.00%	11.00%	11.00%	11.00%	11.00%
<b>Interest on Normative Loan</b>	<b>Rs. Cr</b>	<b>4.52</b>	<b>2.76</b>	<b>0.91</b>	-	-

**Commission's Analysis**

5.16 The Commission has considered the opening balance of FY 2026-27 as the closing balance approved in the APR of FY 2025-26. The repayment has been considered equal to depreciation allowed for the respective year. The rate of interest has been as per the first provision of clause 15.18 of JSERC Tariff Regulations 2025. The table below summarizes the computation of interest on normative loan as approved by the Commission.

**TABLE 12: INTEREST ON NORMATIVE LOAN AS APPROVED BY THE COMMISSION**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Opening Normative Debt Balance	Rs. Cr.	54.24	42.63	28.30	13.42	0.00
Additions during the year	Rs. Cr.	3.15	0.54	0.00	0.00	0.00
Repayment	Rs. Cr.	14.76	14.87	14.87	14.87	0.00
Closing Normative Debt Balance	Rs. Cr.	42.63	28.30	13.42	0.00	0.00
Average	Rs. Cr.	48.43	35.46	20.86	6.71	0.00
Rate of Interest	%	11.00%	11.00%	11.00%	11.00%	11.00%
<b>Interest on Normative Loan</b>	<b>Rs. Cr.</b>	<b>5.33</b>	<b>3.90</b>	<b>2.29</b>	<b>0.74</b>	<b>0.00</b>

**Return on Equity****Petitioner's Submission**

5.17 The Petitioner has projected the return on equity (RoE) considering opening equity of Rs. 99.77 Cr at the rate of 15.00% for the current control period. The Petitioner also submits that ROE has been grossed up by applicable MAT rate in order to account for the tax liability to be incurred during the ensuing period.

**TABLE 13: RETURN ON EQUITY AS SUBMITTED BY THE PETITIONER**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Opening Equity	Rs. Cr.	99.77	101.12	101.35	101.35	101.35



Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Addition during the Year	Rs. Cr.	1.35	0.23	-	-	-
Closing Equity	Rs. Cr.	101.12	101.35	101.35	101.35	101.35
Average Equity	Rs. Cr.	100.44	101.23	101.35	101.35	101.35
Rate of RoE	%	15.00%	15.00%	15.00%	15.00%	15.00%
Applicable MAT Rate	%	17.47%	17.47%	17.47%	17.47%	17.47%
Net Rate of ROE	%	18.18%	18.18%	18.18%	18.18%	18.18%
<b>Return on Equity</b>	<b>Rs. Cr.</b>	<b>18.26</b>	<b>18.40</b>	<b>18.42</b>	<b>18.42</b>	<b>18.42</b>

### Commission's Analysis

5.18 The Commission has considered the opening balance of FY 2026-27 as the closing balance approved in the APR of FY 2025-26. The Return on Equity for the Control Period as approved by the Commission is given in the following table.

**TABLE 14: RETURN ON EQUITY AS APPROVED BY THE COMMISSION**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Opening Equity	Rs. Cr	91.69	93.04	93.27	93.27	93.27
Addition	Rs. Cr	1.35	0.23	-	-	-
Closing Equity	Rs. Cr	93.04	93.27	93.27	93.27	93.27
Average Equity	Rs. Cr	92.36	93.16	93.27	93.27	93.27
Rate of Equity	%	15.00%	15.00%	15.00%	15.00%	15.00%
Corporate Tax Rate	%	25.17%	25.17%	25.17%	25.17%	25.17%
<b>Return on Equity</b>	<b>Rs. Cr</b>	<b>18.51</b>	<b>18.66</b>	<b>18.69</b>	<b>18.69</b>	<b>18.69</b>

### Operation and Maintenance Expenses

#### Petitioner's Submission

5.19 The Petitioner has submitted that it has considered an escalation of 2.79% on the actual figures of O&M of FY 2024-25. As per the provisions of the JSERC Generation Tariff Regulations, 2020. The month wise WPI and CPI data has been provided at along with the tariff formats. Petitioner has considered the same  $INDX_n / INDX_{n-1}$  value for all years of the control period for the purpose of estimation.

5.20 The Hon'ble Commission has provided by Regulation 15.42 (a) of the JSERC Generation Tariff Regulations 2025 to compute R&M expenses in relation to the Gross Fixed Assets by arriving at the 'K' Factor as per the figures of preceding year of base year.

5.21 The Generation Tariff Regulations also provides for indexation of R&M expenses using inflationary indices as discussed above. The combined inflation factor has been considered for year-on-year projection of R&M expense for the entire control period. The 'K' factor has been computed



in line with Regulation 15.42 of the Tariff Regulations 2025 and projected to be 1.01 % for the entire Control Period.

5.22 The Employee Expenses and A&G Expenses has been projected in line with Regulation 15.42 (b) of the JSERC Tariff Regulation. The inflation factor considered for the Control Period is 2.79% and a growth factor of 13.14%, equivalent to the CAGR of actual employee expenses from FY 2020-21 to FY 2024-25 has been considered for employee expenses in line with the regulatory provisions. Based on the foregoing, the total O&M Expenses computed by the Petitioner is provided below.

**TABLE 15: O&M EXPENSES AS SUBMITTED BY THE PETITIONER**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
R&M Expenses	Rs. Cr.	3.52	3.57	3.57	3.57	3.57
Employee Expenses (excl. terminal benefits)	Rs. Cr.	14.31	16.64	19.35	22.51	26.17
A&G Expenses (excl. water charges)	Rs. Cr.	24.07	24.74	25.43	26.14	26.87
Contribution towards terminal benefits	Rs. Cr.	0.61	0.61	0.61	0.61	0.61
<b>Total O&amp;M Expenses*</b>	<b>Rs. Cr.</b>	<b>42.51</b>	<b>45.56</b>	<b>48.97</b>	<b>52.84</b>	<b>57.23</b>

\* Excludes water charges of Rs 2.72 Cr

### **Commission's Analysis**

5.23 For determination of O&M Expenses for existing generation stations, the JSERC (Terms & Conditions for Determination of Generation Tariff) Regulations, 2025 states,

*“15.40 The O&M Expenses for the Base Year of the Control Period shall be approved by the Commission taking into account the audited accounts of FY 2020-21 to FY 2024-25, Business Plan filed by the Generating Company, estimates of the actual for the Base Year, prudence check and any other factor considered appropriate by the Commission.*

*15.41 The O&M expenses permissible towards ARR of each year of the Control Period shall be approved based on the formula shown below:*

$$O\&M_n = (R\&M_n + EMP_n + A\&G_n) + Terminal Liabilities$$

*Where,*



*R&Mn – Repair and Maintenance Costs of the Generating Company for the nth year;*

*EMPn – Employee Costs of the Generating Company for the nth year excluding terminal liabilities;*

*A&Gn – Administrative and General Costs of the Generating Company for the nth year.*

*15.42 The above components shall be computed in the manner specified below:*

$$a) (Repair \& Maintenance)_n = K * GFA * (INDX_n / INDX_{n-1})$$

*Where,*

*‘K’ is a constant (expressed in %) governing the relationship between Repair & Maintenance costs and Gross Fixed Assets (GFA) and shall be calculated based on the % of Repair & Maintenance to GFA of the preceding years of the Base Year in the MYT Order after normalising any abnormal expenses;*

*‘GFA’ is the opening value of the gross fixed asset of the nth year;*

$$b) EMP_n + A\&G_n = [(EMP_{n-1}) * (1 + G_n) + (A\&G_{n-1})] * (INDX_n / INDX_{n-1})$$

*Where,*

*EMP<sub>n-1</sub> – Employee Costs of the Generating Company for the (n-1)th year excluding terminal liabilities;*

*A&G<sub>n-1</sub> – Administrative and General Costs of the Generating Company for the (n-1)th year excluding legal/litigation expenses;*

*INDX<sub>n</sub> – Inflation factor to be used for indexing the employee cost and A&G cost. This will be a combination of the Consumer Price Index (CPI) and the Wholesale Price Index (WPI) for immediately preceding year before the base year;*

*G<sub>n</sub> – is a growth factor for the nth year and it can be greater than or lesser than zero based on the actual performance. Value of G<sub>n</sub> shall be determined by the Commission in the MYT Order for meeting the*



additional manpower requirement based on the Generating Company Filing, benchmarking and any other factor that the Commission feels appropriate;

$$c) \text{INDX}_n = 0.55 * \text{CPI}_n + 0.45 * \text{WPI}_n;$$

5.24 The Commission has considered the submissions of the Petitioner and observes that there is no increase in employee strength as projected by the Petitioner, as such no Growth Factor (Gn) has been considered by the Commission for the Petitioner throughout the control period. The 'K' factor has been computed as 0.96 % based on the actual average R&M expense of FY 2020-21 to FY 2024-25 for the entire Control Period.

5.25 The Commission has accordingly approved the O&M Expenses with an escalation of 2.31% as per the provisions of the JSERC (Terms & Conditions for Determination of Generation Tariff) Regulations, 2025 as shown in the table below,

**TABLE 16: O&M EXPENSES AS APPROVED BY THE COMMISSION**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
R&M Expenses	Rs. Cr.	3.44	3.48	3.49	3.49	3.49
Employee Expenses (excl. terminal benefits)	Rs. Cr.	10.01	10.32	10.65	10.98	11.32
A&G Expenses (excl. legal charges)	Rs. Cr.	14.18	14.62	15.08	15.55	16.03
Contribution towards terminal benefits	Rs. Cr.	0.44	0.45	0.47	0.48	0.50
<b>O&amp;M Expenses</b>	<b>Rs. Cr.</b>	<b>28.07</b>	<b>28.88</b>	<b>29.68</b>	<b>30.50</b>	<b>31.34</b>

## Water Charges

### Petitioner's Submission

5.26 The petitioner submits that as per Regulation 15.46 of the Tariff Regulations, 2025, Water charges are to be allowed separately for thermal power plants. The same is being reproduced below:

*“Other Charges*

*15.46 The Water Charges for thermal generating stations shall be allowed separately after prudence check: Provided that Water Charges shall be allowed based on water consumption, depending upon type of plant, type of cooling water system, subject to prudence check. The details regarding the same shall be furnished along with the Petition.”*



5.27 The Water charges to be paid by petitioner to the concerned authorities for use of water in the power plant have been considered based on the recent actual values recorded & projected performance for FY 2025–26, which amounts to Rs. 2.72 Cr.

**TABLE 17: WATER CHARGES AS SUBMITTED BY THE PETITIONER**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Water Charges	Rs. Cr.	2.72	2.72	2.72	2.72	2.72

### **Commission's Analysis**

5.28 The Commission has projected the water charges for the control period based on trued-up value for FY 2024-25 as claimed by the petitioner subject to truing-up based on audited accounts, as shown below:

**TABLE 18: WATER CHARGES AS APPROVED BY THE COMMISSION**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Water Charges	Rs. Cr.	2.72	2.72	2.72	2.72	2.72

## **Interest on Working Capital**

### **Petitioner's Submission**

5.29 The Petitioner has submitted the working capital as per the clause 15.23 to 15.27 of the JSERC (Terms & Conditions for Determination of Generation Tariff) Regulations, 2025, for non-pithead coal based thermal generating stations. Thus, as per the Regulations, the Working Capital requirement comprises of the following components:

- Cost of Coal for 50 days (20 days towards stock of Coal for non-pit head generating stations and 30 days for generation corresponding to NAPAF)
- Cost of secondary fuel oil for 2 months
- O&M Expenses for 1 month (including water charges & security expenses)
- Maintenance spares @20% of O&M Expenses (including water charges & security expenses)
- Receivables equivalent to 45 days average billing

5.30 For computation of interest on working capital for the MYT control



period, the bank rate has been calculated as on 30<sup>th</sup> September, 2025, which comes out to be 11.25 % and the same has been used.

**TABLE 19: INTEREST ON WORKING CAPITAL AS SUBMITTED BY THE PETITIONER**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Cost of Coal for 50 days	Rs. Cr.	17.28	17.28	17.28	17.28	17.28
Cost of secondary fuel oil for 2 months	Rs. Cr.	0.70	0.70	0.70	0.70	0.70
O&M Expenses for 1 month	Rs. Cr.	3.77	4.02	4.31	4.63	5.00
Maintenance spares @20% of O&M Expenses	Rs. Cr.	9.05	9.66	10.34	11.11	11.99
Receivables equivalent to 45 days average billing	Rs. Cr.	27.53	27.70	27.94	28.33	28.90
Working Capital Requirement	Rs. Cr.	58.32	59.36	60.57	62.05	63.87
Applicable Rate of Interest	%	12.25%	12.25%	12.25%	12.25%	12.25%
<b>Interest on Working Capital</b>	<b>Rs. Cr.</b>	<b>7.14</b>	<b>7.27</b>	<b>7.42</b>	<b>7.60</b>	<b>7.82</b>

### Commission's Analysis

5.31 The Commission has approved the Interest on working capital as per provisions in the JSERC (Terms & Conditions for Determination of Generation Tariff) Regulations, 2025.

5.32 Clause 15.26 of JSERC (Terms & Conditions for Determination of Generation Tariff) Regulations, 2020 states,

*“The rate of Interest on Working Capital shall be on normative basis and shall be equal to Bank Rate plus 350 basis points as on September 30 of the financial year in which the MYT Petition is filed or as on April 01, of the year during the Control Period from FY 2021-22 to FY 2025-26 in which the generating station or a Unit thereof, is declared under commercial operation, whichever is later:*

*Provided that the rate of interest on working capital shall be true up on the basis of Bank Rate plus 350 basis points as applicable on April 01, of the respective financial year at the time of true up.”*

5.33 The effective rate of interest of working capital according to the Regulations as mentioned above is computed as 12.25% (SBI One-year MCLR as on 30<sup>th</sup> September, 2020, i.e., 8.75% plus 350 basis points). The details of working capital approved by the Commission is given in the following table.

**TABLE 20: INTEREST ON WORKING CAPITAL AS APPROVED BY THE COMMISSION**

Particulars	UoM	FY 27	FY28	FY29	FY30	FY31
Coal Cost for 50 Days	Rs. Cr	16.91	16.91	16.91	16.91	16.91
Cost of secondary fuel oil for 2 months	Rs. Cr	0.70	0.70	0.70	0.70	0.70
O&M Expenses for 1 month	Rs. Cr	2.57	2.63	2.70	2.77	2.84
Maintenance Spares (20% of O&M)	Rs. Cr	6.16	6.32	6.48	6.64	6.81
Receivables for 45 days	Rs. Cr	25.07	25.00	24.93	24.85	24.86
Total Working Capital	Rs. Cr	51.40	51.57	51.73	51.87	52.12
Rate of Interest	%	12.25%	12.25%	12.25%	12.25%	12.25%
<b>Interest on Working Capital</b>	<b>Rs. Cr</b>	<b>6.30</b>	<b>6.32</b>	<b>6.34</b>	<b>6.35</b>	<b>6.39</b>

## Total Fixed Cost

### Petitioner's Submission

5.34 Based on the above discussed fixed components, the total fixed charges for generating station of the petitioner for FY 2026-27 to FY 2030-31 has been computed. The Hon'ble Commission is requested to approve the fixed charges as projected in the table below.

**TABLE 21: TOTAL FIXED COST AS SUBMITTED BY THE PETITIONER**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Depreciation	Rs. Cr	17.77	17.87	17.87	17.87	17.87
Interest on Normative Loan	Rs. Cr	4.52	2.76	0.91	-	-
Return on Equity	Rs. Cr	18.26	18.40	18.42	18.42	18.42
Interest on Working Capital	Rs. Cr	7.14	7.27	7.42	7.60	7.82
O&M Expenses	Rs. Cr	42.51	45.56	48.97	52.84	57.23
Water Charges	Rs. Cr	2.72	2.72	2.72	2.72	2.72
<b>Total Fixed Cost</b>	<b>Rs. Cr.</b>	<b>92.92</b>	<b>94.58</b>	<b>96.31</b>	<b>99.45</b>	<b>104.07</b>

### Commission's Analysis

5.35 The Commission has summarized the total fixed cost in the table as shown below.

**TABLE 22: TOTAL FIXED COST AS APPROVED BY THE COMMISSION**

Particulars	Unit	FY 27	FY28	FY29	FY30	FY31
Depreciation	Rs. Cr.	14.76	14.87	14.87	14.87	14.87
Interest on Normative Loan	Rs. Cr.	5.33	3.90	2.29	0.74	0.00
Return on Equity	Rs. Cr.	18.51	18.66	18.69	18.69	18.69
Interest on Working Capital	Rs. Cr.	6.30	6.32	6.34	6.35	6.39
O&M Expenses	Rs. Cr.	28.07	28.88	29.68	30.50	31.34
Water Charges	Rs. Cr.	2.72	2.72	2.72	2.72	2.72
<b>Total Fixed Cost</b>	<b>Rs. Cr.</b>	<b>75.68</b>	<b>75.36</b>	<b>74.59</b>	<b>73.87</b>	<b>74.01</b>

## Performance Targets

### Gross Station Heat Rate (SHR)

#### Petitioner's Submission



5.36 The Petitioner in the Business Plan, submitted the Station Heat Rate for the power plant at **2965.06 kCal/kWh** for the control period based on past performance of the power plant and considering difficult operating conditions and uncontrollable change in fuel mix.

### **Commission's Analysis**

5.46 The Commission, in this MYT Order, has approved the Norms of Operation as per Clause A 16 of the JSERC (Terms & Conditions for Determination of Generation Tariff) 2025. Accordingly, the approved Gross Station Heat Rate (GHR) is shown below.

**TABLE 23: GROSS STATION HEAT RATE AS APPROVED BY THE COMMISSION**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Gross Station Heat Rate	kCal/kWh	2,902.00	2,902.00	2,902.00	2,902.00	2,902.00

### **Auxiliary Consumption**

#### **Petitioner's Submission**

5.47 The Petitioner in the Business Plan submitted the Auxiliary Consumption for the power plant at **11.51%**. Further, the Petitioner mentioned that CFBC boilers involve higher fan power as compared to the pulverized fuel fired units, resulting in higher auxiliary power.

5.48 Additionally, the Petitioner highlighted that State Electricity Regulatory Commission (SERC) in other States have allowed higher auxiliary consumption for plants operating on Circulating Fluidized-bed Combustion Technology (CFBC) as shown below.

- i. In the case of Rajasthan West Power Limited, Rajasthan Electricity Regulatory Commission had allowed the auxiliary consumption as 11.50%.
- ii. In the case of Gujarat Industries Power Company Limited, Gujarat Electricity Regulatory Commission had allowed an auxiliary consumption of 12.50% for 3 years and 11.50% from the 4<sup>th</sup> year onwards.
- iii. In the case of Bajaj Energy Pvt. Limited, Uttar Pradesh Electricity Regulatory Commission had allowed an auxiliary consumption of



11.50% during stabilization and 11.00% post stabilization period.

### **Commission’s Analysis**

5.49 The Commission, in this MYT Order, has approved the Norms of Operation as per Clause A 16 of the JSERC (Terms & Conditions for Determination of Generation Tariff), 2025. Accordingly, the approved Auxiliary Consumption is shown below.

**TABLE 24: AUXILIARY CONSUMPTION AS APPROVED BY THE COMMISSION**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Auxiliary Consumption	%	10.50%	10.50%	10.50%	10.50%	10.50%

### **Normative Annual Plant Availability Factor (NAPAF)**

#### **Petitioner’s Submission**

5.50 The Petitioner, in the Business Plan submitted the Normative Annual Plant Availability Factor for the power plant at **82.50%**, in line with the Commission’s approved figures as per its order in Case No. 06 and 11 of 2016 dated 16<sup>th</sup> May 2017, Clause A16 of the JSERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2025 and MYT Order in Case (Tariff) No.: 01 of 2022 dated 16<sup>th</sup> November 2023 and requests the Hon’ble Commission to approve the same.

#### **Commission’s Analysis**

5.51 The Commission, in this MYT Order, has approved the Norms of Operation as per Clause A 16 of the JSERC (Terms & Conditions for Determination of Generation Tariff), 2025. Accordingly, the approved Normative Annual Plant Availability Factor (NAPAF) is shown below.

**TABLE 25: NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR AS APPROVED BY THE COMMISSION**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Normative Annual Plant Availability Factor	%	82.50%	82.50%	82.50%	82.50%	82.50%

### **Secondary Fuel Oil Consumption**

#### **Petitioner’s submission**

5.52 The Petitioner had submitted the specific fuel oil consumption as **1.00**



**ml/kWh** in line to JSERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2025.

### **Commission's Analysis**

5.53 The Commission observes that the submission made by the Petitioner is in line with JSERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2025. Hence, the Commission approves the secondary fuel oil consumption as **1.00 ml/kWh** for the Control Period FY 2026-27 to FY 2030-31.

## **Determination of Energy Charges**

### **Fuel Price and Calorific Value**

#### **Petitioner's submission**

5.54 The Petitioner has submitted that it is procuring fuel from sources like:

- FSA with CCL under Shakti Scheme
- Rejects from Tata Steel

5.55 The petitioner has projected a blending ratio of 77.97:22.03 for Coal-Coal Rejects.

5.56 The transit loss has been considered at a normative value of 0.8% as per Regulation 17.11 of the JSERC (Terms & Conditions for Determination of Generation Tariff) Regulations, 2025. The table below represents the fuel price and calorific value of primary fuel as projected for the MYT Control period.

**TABLE 26: FUEL PRICE AND CALORIFIC VALUE AS SUBMITTED BY THE PETITIONER**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
GCV of Coal	Kcal/Kg	3,840.97	3,840.97	3,840.97	3,840.97	3,840.97
GCV of Rejects	Kcal/Kg	2,161.00	2,161.00	2,161.00	2,161.00	2,161.00
Weighted average GCV of fuel	Kcal/Kg	3,470.83	3,470.83	3,470.83	3,470.83	3,470.83
Weighted average GCV of fuel less Stacking Loss	Kcal/Kg	3,385.83	3,385.83	3,385.83	3,385.83	3,385.83
Ratio of Coal in Fuel Mix	%	77.97%	77.97%	77.97%	77.97%	77.97%
Ratio of Rejects in Fuel Mix	%	22.03%	22.03%	22.03%	22.03%	22.03%
Price of Coal	Rs./MT	3,436.27	3,436.27	3,436.27	3,436.27	3,436.27
Price of Rejects	Rs./MT	2,133.35	2,133.35	2,133.35	2,133.35	2,133.35



Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Weighted average Price of Primary Fuel	Rs./MT	3,149.21	3,149.21	3,149.21	3,149.21	3,149.21
Transit Loss considered	%	0.80%	0.80%	0.80%	0.80%	0.80%
Weighted average Price of Primary Fuel after Transit Loss	Rs/ MT	3,174.60	3,174.60	3,174.60	3,174.60	3,174.60

5.57 The Petitioner also humbly submits that as the above projected Fuel price and Calorific Value of Primary Fuel is based on historical trends and prevailing market prices, the same can change significantly during the Control Period. Hence the Petitioner humbly prays to the Hon'ble Commission that the actual incurred price and calorific value will be submitted during True Up for each year of the Control period for approval of the Hon'ble Commission.

### **Commission's Analysis**

5.58 The JSERC (Terms & Conditions for Determination of Generation Tariff) Regulations, 2025 states,

*“17.10 The landed fuel cost of primary fuel and secondary fuel for tariff determination shall be based on actual weighted average cost of primary fuel and secondary fuel of the three preceding months, and in the absence of landed costs for the three preceding months, latest procurement price of primary fuel and secondary fuel for the generating station, before the start of the Control period for existing stations and immediately preceding three months in case of new generating stations shall be taken into account.*

*17.11 The landed cost of fuel for the month shall include price of fuel corresponding to the grade and quality of fuel inclusive of royalty, taxes and duties as applicable, transportation cost by rail/road or any other means, and, for the purpose of computation of energy charge, and in case of coal/lignite shall be arrived at after considering normative transit and handling losses as percentage of the quantity of coal or lignite dispatched by the coal or lignite supply company during the month as given below:*



*Pithead generating stations: 0.2%*

*Non-pithead generating stations: 0.8%*

*Provided that in case of pithead stations if coal or lignite is procured from sources other than the pithead mines, which is transported to the station through rail, transit loss of 0.8% shall be applicable:*

*Provided further that in case of imported coal, the transit and handling losses shall be 0.2%.”*

5.59 For the determination of GCV and landed cost of fuel, as per Clause 17.10 of the JSERC (Terms & Conditions for Determination of Generation Tariff) Regulations, 2025, the Commission has considered the data for the last three months preceding the start of the Control Period, i.e., January, February and March considering the Petitioner’s audited data for FY 2025-26. The GCV and price of fuel have not been treated as ‘Controllable’ items in the JSERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2025, as such, any variation in these parameters may be claimed by the Petitioner while truing up. The Commission after considering the submission of the Petitioner approves the blending ratio, GCV and landed price of primary as given in the following table:

**TABLE 27: FUEL PRICE AND CALORIFIC VALUE AS APPROVED BY THE COMMISSION**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
GCV of Coal	Kcal/Kg	3,840.97	3,840.97	3,840.97	3,840.97	3,840.97
GCV of Rejects	Kcal/Kg	2,161.00	2,161.00	2,161.00	2,161.00	2,161.00
Weighted average GCV of fuel	Kcal/Kg	3,470.87	3,470.87	3,470.87	3,470.87	3,470.87
<b>Weighted average GCV of fuel less Stacking Loss</b>	<b>Kcal/Kg</b>	<b>3,385.87</b>	<b>3,385.87</b>	<b>3,385.87</b>	<b>3,385.87</b>	<b>3,385.87</b>
Coal	%	77.97%	77.97%	77.97%	77.97%	77.97%
Rejects	%	22.03%	22.03%	22.03%	22.03%	22.03%
Price of Coal	Rs./MT	3,436.27	3,436.27	3,436.27	3,436.27	3,436.27
Price of Rejects	Rs./MT	2,133.35	2,133.35	2,133.35	2,133.35	2,133.35
Weighted average Price of Primary Fuel	Rs./MT	3,149.24	3,149.24	3,149.24	3,149.24	3,149.24
Transit Loss considered	%	0.80%	0.80%	0.80%	0.80%	0.80%
<b>Weighted average Price of Primary Fuel after Transit Loss</b>	<b>Rs./MT</b>	<b>3,174.63</b>	<b>3,174.63</b>	<b>3,174.63</b>	<b>3,174.63</b>	<b>3,174.63</b>

### **Primary Fuel Cost**



### Petitioner's submission

5.60 The Petitioner has submitted the primary fuel costs for the generating station for the entire control period as provided in the table below.

**TABLE 28: PRIMARY FUEL COST AS SUBMITTED BY THE PETITIONER**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Capacity	MW	63.00	63.00	63.00	63.00	63.00
Plant Load Factor	%	82.50	82.50	82.50	82.50	82.50
Gross units generated	MU	455.30	456.55	455.30	455.30	455.30
Auxiliary consumption	MU	52.40	52.55	52.40	52.40	52.40
Auxiliary consumption	%	11.51	11.51	11.51	11.51	11.51
Net units Generated	MU	402.90	404.00	402.90	402.90	402.90
Weighted average GCV of Primary fuel	kCal/Kg.	3,385.83	3,385.83	3,385.83	3,385.83	3,385.83
Weighted average cost of primary fuel after Transit loss	Rs./MT	3,174.60	3,174.60	3,174.60	3,174.60	3,174.60
<b>Primary Fuel Cost</b>	<b>Rs. Cr.</b>	<b>126.15</b>	<b>126.50</b>	<b>126.15</b>	<b>126.15</b>	<b>126.15</b>

### Commission's Analysis

5.61 The Commission has calculated the primary fuel costs for the generating station for the entire control period as provided in the table below.

**TABLE 29: PRIMARY FUEL COST AS APPROVED BY THE COMMISSION**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Capacity	MW	63.00	63.00	63.00	63.00	63.00
Plant Load Factor	%	82.50	82.50	82.50	82.50	82.50
Gross units generated	MU	455.30	456.55	455.30	455.30	455.30
Auxiliary consumption	MU	47.81	47.94	47.81	47.81	47.81
Auxiliary consumption	%	10.50	10.50	10.50	10.50	10.50
Net units Generated	MU	407.49	408.61	407.49	407.49	407.49
Weighted average GCV of Primary fuel less Stacking Loss	kCal/Kg.	3,385.87	3,385.87	3,385.87	3,385.87	3,385.87
Weighted average cost of primary fuel after Transit loss	Rs./MT	3,174.63	3,174.63	3,174.63	3,174.63	3,174.63
<b>Primary Fuel Cost</b>	<b>Rs. Cr.</b>	<b>123.46</b>	<b>123.80</b>	<b>123.46</b>	<b>123.46</b>	<b>123.46</b>

## Secondary Fuel Cost

### Petitioner's submission

5.62 The Petitioner has proposed the secondary fuel cost as given in the following table below:

**TABLE 30: SECONDARY FUEL COST AS SUBMITTED BY THE PETITIONER**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Gross Generation	MU	455.30	456.55	455.30	455.30	455.30
Secondary Fuel Oil	ml/kWh	1.00	1.00	1.00	1.00	1.00



Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Consumption						
GCV of Oil	kCal/litre	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
Oil Consumption	kL	455.30	456.55	455.30	455.30	455.30
Base Price of Oil	Rs./ kL	92,169.95	92,169.95	92,169.95	92,169.95	92,169.95
<b>Cost of secondary fuel oil</b>	<b>Rs. Cr.</b>	<b>4.20</b>	<b>4.21</b>	<b>4.20</b>	<b>4.20</b>	<b>4.20</b>

### Commission's Analysis

5.63 The Commission after scrutinizing the submission of the Petitioner calculated the weighted average landed price of secondary fuel as given in the following table.

**TABLE 31: SECONDARY FUEL COST AS APPROVED BY THE COMMISSION**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Gross Units generated	MU	455.30	456.55	455.30	455.30	455.30
Calorific value of Secondary fuel	kCal/L	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
Specific fuel oil consumption	ml/kWh	1.00	1.00	1.00	1.00	1.00
Oil consumption	kL	455.30	456.55	455.30	455.30	455.30
Landed price of oil	Rs./kL	92,169.95	92,169.95	92,169.95	92,169.95	92,169.95
<b>Cost of Secondary fuel oil</b>	<b>Rs. Cr</b>	<b>2.76</b>	<b>2.76</b>	<b>2.76</b>	<b>2.76</b>	<b>2.76</b>

### Energy Charge Rate (ECR)

#### Petitioner's submission

5.64 The Petitioner has submitted the energy charge for the entire control period as per the primary and secondary fuel cost discussed in the above paragraphs for the generating station as provided in the table below:

**TABLE 32: ENERGY CHARGE RATE AS SUBMITTED BY THE PETITIONER**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Primary Fuel Cost	Rs. Cr.	126.15	126.50	126.15	126.15	126.15
Cost of Secondary fuel oil	Rs. Cr	4.20	4.21	4.20	4.20	4.20
Total Energy Charge	Rs. Cr.	<b>130.35</b>	<b>130.70</b>	<b>130.35</b>	<b>130.35</b>	<b>130.35</b>
Net units Generated	MU	402.90	404.00	402.90	402.90	402.90
<b>Total Energy charge per unit</b>	<b>Rs./kWh</b>	<b>3.24</b>	<b>3.24</b>	<b>3.24</b>	<b>3.24</b>	<b>3.24</b>

#### Commission's Analysis

5.65 The JSERC (Terms & Conditions for Determination of Generation Tariff) Regulations, 2025 states,

*“17.7 The energy (variable) charge shall cover primary fuel and secondary fuel costs and limestone consumption cost (where applicable) and shall be payable by every beneficiary for the total*



energy scheduled to be supplied to such beneficiary during the calendar month on ex-power plant basis, at the specified energy charge rate of the month (with fuel price adjustment and limestone adjustment). The total energy charge payable to the Generating Company for a month shall be:

**Energy Charges = Energy Charge Rate (in Rs./kWh) x Scheduled Energy (Ex-Bus) for the Month (in kWh)**

17.8 Energy Charge Rate (in Rs./kWh) on ex-power plant basis shall be determined to three decimal places in accordance with the following formulae:

For coal-based stations and lignite fired stations:

**Energy Charge Rate (ECR) = {(SHR - SFC x CVSF) x LPPF/CVPF+SFC x LPSFi+ LC x LPL} / (1 - Aux)"**

5.66 Accordingly, the Commission has calculated the Energy Charge Rate as provided in the table below:

**TABLE 33: ENERGY CHARGE RATE AS APPROVED BY THE COMMISSION**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Gross Generation	MU	455.30	456.55	455.30	455.30	455.30
Auxiliary consumption	%	10.50	10.50	10.50	10.50	10.50
Heat Rate	kCal/kWh	2,902.00	2,902.00	2,902.00	2,902.00	2,902.00
Specific Oil Consumption	ml/kWh	1.00	1.00	1.00	1.00	1.00
Calorific Value of primary fuel less staking loss	kCal/kg	3,385.87	3,385.87	3,385.87	3,385.87	3,385.87
Calorific Value of secondary fuel	kCal/ml	10.00	10.00	10.00	10.00	10.00
Landed price of Primary fuel	Rs./MT	3,174.63	3,174.63	3,174.63	3,174.63	3,174.63
Landed price of Secondary fuel	Rs./mL	0.09	0.09	0.09	0.09	0.09
<b>Energy Charge Rate</b>	<b>Rs/kWh</b>	<b>3.13</b>	<b>3.13</b>	<b>3.13</b>	<b>3.13</b>	<b>3.13</b>

## Summary of ARR Components

### Petitioner's Submission

5.67 The Summary of ARR Components for the Control Period as submitted by the Petitioner is shown in the table below,

**TABLE 34: SUMMARY OF ARR COMPONENTS AS SUBMITTED BY THE PETITIONER**



Particulars	Units	FY 27	FY28	FY29	FY30	FY31
Depreciation	Rs. Cr.	17.77	17.87	17.87	17.87	17.87
Interest on Loan	Rs. Cr.	-	-	-	-	-
Interest on Normative Loan	Rs. Cr.	4.52	2.76	0.91	-	-
Return on Equity	Rs. Cr.	18.26	18.40	18.42	18.42	18.42
Interest on working Capital	Rs. Cr.	7.14	7.27	7.42	7.60	7.82
O&M Expenses	Rs. Cr.	42.51	45.56	48.97	52.84	57.23
Water Charges	Rs. Cr.	2.72	2.72	2.72	2.72	2.72
<b>Total Fixed Cost</b>	<b>Rs. Cr.</b>	<b>92.92</b>	<b>94.58</b>	<b>96.31</b>	<b>99.45</b>	<b>104.07</b>
Cost of Primary fuel	Rs. Cr.	126.15	126.50	126.15	126.15	126.15
Cost of Secondary fuel	Rs. Cr.	4.20	4.21	4.20	4.20	4.20
<b>Total Variable Cost</b>	<b>Rs. Cr.</b>	<b>130.35</b>	<b>130.70</b>	<b>130.35</b>	<b>130.35</b>	<b>130.35</b>
Net Generation	MUs	402.90	404.00	402.90	402.90	402.90
Energy Charge Rate	Rs/kWh	<b>3.24</b>	<b>3.24</b>	<b>3.24</b>	<b>3.24</b>	<b>3.24</b>
<b>Annual Revenue Requirement</b>	<b>Rs. Cr.</b>	<b>223.26</b>	<b>225.29</b>	<b>226.65</b>	<b>229.79</b>	<b>234.41</b>

### Commission's Analysis

5.68 The Summary of Operational Parameters and ARR Components for the Control Period as approved by the Commission is shown in the table below,

**TABLE 35: SUMMARY OF OPERATIONAL PARAMETERS AND ARR COMPONENTS AS APPROVED BY THE COMMISSION**

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
<b>Operational parameters</b>						
Capacity	MW	63.00	63.00	63.00	63.00	63.00
Plant Load Factor	%	82.50%	82.50%	82.50%	82.50%	82.50%
Availability	%	82.50%	82.50%	82.50%	82.50%	82.50%
Gross Generation	MUs	455.30	456.55	455.30	455.30	455.30
Auxiliary Consumption	%	10.50%	10.50%	10.50%	10.50%	10.50%
Auxiliary Consumption	MUs	47.81	47.94	47.81	47.81	47.81
Net Generation	MUs	407.49	408.61	407.49	407.49	407.49
Weighted Average GCV of primary fuel less stacking loss	kCal/kg	3,385.87	3,385.87	3,385.87	3,385.87	3,385.87
Station Heat Rate	kcal/kWh	2,902.00	2,902.00	2,902.00	2,902.00	2,902.00
Calorific value of secondary fuel	kCal/ml	10.00	10.00	10.00	10.00	10.00
Price of primary fuel after transit loss	Rs./Ton	3,174.63	3,174.63	3,174.63	3,174.63	3,174.63

Particulars	Units	FY 27	FY28	FY29	FY30	FY31
<b>Annual Revenue Requirement</b>						
Depreciation	Rs. Cr.	14.76	14.87	14.87	14.87	14.87
Interest on Normative Loan	Rs. Cr.	5.33	3.90	2.29	0.74	0.00
Return on Equity	Rs. Cr.	18.51	18.66	18.69	18.69	18.69
Interest on working Capital	Rs. Cr.	6.30	6.32	6.34	6.35	6.39
O&M Expenses	Rs. Cr.	28.07	28.88	29.68	30.50	31.34
Water Charges	Rs. Cr.	2.72	2.72	2.72	2.72	2.72



Particulars	Units	FY 27	FY28	FY29	FY30	FY31
<b>Annual Revenue Requirement</b>						
<b>Total Fixed Cost</b>	<b>Rs. Cr.</b>	<b>75.68</b>	<b>75.36</b>	<b>74.59</b>	<b>73.87</b>	<b>74.01</b>
Cost of Primary fuel	Rs. Cr.	123.46	123.80	123.46	123.46	123.46
Cost of Secondary fuel	Rs. Cr.	2.76	2.76	2.76	2.76	2.76
<b>Total Variable Cost</b>	<b>Rs. Cr.</b>	<b>126.21</b>	<b>126.56</b>	<b>126.21</b>	<b>126.21</b>	<b>126.21</b>
<b>Annual Revenue Requirement</b>	<b>Rs. Cr.</b>	<b>201.89</b>	<b>201.92</b>	<b>200.81</b>	<b>200.09</b>	<b>200.22</b>



## **Chapter 6: Directives**



## Chapter 6: Directives

### Ash Disposal Expense

- 6.1 The Commission directs the Petitioner to undertake the selection of the ash transportation agency through a **transparent and competitive open tendering process**, ensuring adequate participation of eligible bidders. The Petitioner shall follow established procurement procedures and maintain fairness and transparency in the bidding process so as to achieve competitive rates and optimal utilization of resources. The Commission further directs that due diligence be exercised while finalizing the contract to ensure cost efficiency and reliable ash evacuation, and the Petitioner shall submit the details of the tendering process and the selected vendor for review of the Commission at the time of tariff determination or true-up.

### Related Party Transaction

- 6.2 The Commission directs the Petitioner to disclose all related party transactions, if any, associated with procurement of goods, services, or execution of works in the generating station. The Petitioner shall ensure that such transactions are undertaken on an arm's length basis and through a transparent process, and that the terms and conditions are comparable to those prevailing in the open market. The Petitioner is further directed to furnish complete details of any related party involvement at the time of filing of tariff petitions or during prudence check, so as to enable the Commission to examine the reasonableness of the associated costs

This Order is signed and issued by the Jharkhand State Electricity Regulatory Commission on March 30, 2026.

Date: 30.03.2026

Place: Ranchi

Sd/-

**Mahendra Prasad**  
**Member (Law)**

Sd/-

**Justice Navneet Kumar**  
**Chairperson**



## ANNEXURE - I

### List of participating members in the Public Hearing

Sl. No	Name	Address/Organization
1	Mr.Soumyajit Das	Consultant, Inland Power Ltd.
2	Mr.Sayan De	Consultant, Inland Power Ltd.
3	Mr. Birendra Kisku	Jharkhand Bijli Vitran Nigam Ltd.
4	Mr. Shashi Bhushan Kumar	Jharkhand Bijli Vitran Nigam Ltd.
5	Mr. Arun Kumar Mahto	Inland Power Ltd.
6	Mr. Anindya Sengupta	Inland Power Ltd.
7	Mr. Sanjay Kumar Singh	Inland Power Ltd.
8	Mrs. Anita Prasad	Jharkhand Bijli Vitran Nigam Ltd.
9	Mr. Radha Krishna Tripathy	Consultant, Jharkhand Bijli Vitran Nigam Ltd.
10	Ms. Ujjwala K. Guria	Jharkhand Bijli Vitran Nigam Ltd.
11	Gaurav Kumar	JUSNL
12	Mr. Sudip Kiswakarma	Inland Power Ltd.
13	Mr. Shailendra Nath Sinha	Inland Power Ltd.
14	Mr. Arup Mukherjee	Individual
15	Mr.Alok Kumar Das	Individual
16	Mr.Binnu Kumar	Individual
17	Mr. Soundarya Prakash	Individual
18	Mr. Dhiresk Kumar	Individual
19	Mr. Rajesh	Individual
20	Mr. O. Tirkey	Individual
21	Mr. Vishal	Individual