



**ORDER  
OF THE  
WEST BENGAL ELECTRICITY REGULATORY COMMISSION  
IN  
CASE NO: OA-287/18-19**

IN RE THE APPLICATION SUBMITTED UNDER REGULATION 2.8.1.4.9 OF THE WEST BENGAL ELECTRICITY REGULATORY COMMISSION (TERMS AND CONDITIONS OF TARIFF) REGULATIONS, 2011, BY HIRANMAYE ENERGY LIMITED (FORMERLY KNOWN AS INDIA POWER CORPORATION (HALDIA) LIMITED) FOR APPROVAL OF OPERATING PARAMETERS FOR 3 X 150 MW COAL BASED THERMAL POWER PROJECT AT HALDIA, DIST. PURBA MEDINIPUR, WEST BENGAL

**PRESENT:**

**SRI RABINDRA NATH SEN, CHAIRPERSON**

**SRI AMITAVA BISWAS, MEMBER**

**DATE: 13.09.2018**



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In Re the application submitted Under Regulation 2.8.1.4.9 of the West Bengal Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2011 by Hiranmaye Energy Limited (Formerly known as Indian Power Corporation ( Haldia) Limited), Haldia, Dist. Purba Medinipur, West Bengal for 3 x 150 MW Coal based thermal power project

Noting by Office or Advocate	Sl. No.	Date	Office notes, reports orders or proceedings with signature																																				
		13.09.2018	<p style="text-align: center;"><b><u>ORDER</u></b></p> <p>1.0 This in regard to the application submitted by by Hiranmaye Energy Limited (Formerly known as Indian Power Corporation (Haldia) Limited) vide Petition Ref. No. HMEL/WBERC/2018-19/001 dated 23.07.2018 for approval of operating parameters in respect of 3 x 150 MW Coal based thermal power project set up by Hiranmaye Energy Limited (Formerly known as Indian Power Corporation ( Haldia) Limited) at Haldia, Dist. Purba Medinipur in terms of regulation 2.8.1.4.9 of West Bengal Electricity Regulatory Commission (Terms &amp; Conditions of Tariff) Regulations, 2011 (in short "Tariff Regulations")</p> <p>2.0 Details of various operating parameters along with guaranteed parameters item wise, as prayed by HMEL and the decision of the Commission conforming to Schedule 9D – "Norms of operation for New Thermal Generating Station not covered under Schedule 9A" are as follows:</p> <table border="1"> <thead> <tr> <th>SI No</th> <th>Operational Norms</th> <th>As Prayed by HEL</th> <th>Decision of the Commission</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Gross Station Heat Rate GSHR = 1.065 X Design Heat Rate ( Kcal/Kwh) = 1.065 X <u>1998</u> (Kcal/Kwh/Turbine heat rate)  85.9 % (Boiler efficiency) =1.065 X 2325.96 Kcal/Kwh = 2477.15 Kcal/Kwh</td> <td>2477.15 Kcal/Kwh</td> <td>2477.15 Kcal/Kwh</td> </tr> <tr> <td>2.</td> <td>Secondary Oil Consumption</td> <td>1.00 ml/kwh</td> <td>1.00 ml/kwh</td> </tr> <tr> <td>3.</td> <td>Auxiliary Consumption(including induced draft cooling towers)</td> <td>10.50%</td> <td>10.50%</td> </tr> <tr> <td>4.</td> <td>Plant Availability Factor (PAF)</td> <td>85%</td> <td>85%</td> </tr> <tr> <td>5.</td> <td>Plant Load Factor (PLF)</td> <td>80%</td> <td>80%</td> </tr> <tr> <td>6.</td> <td>Transit &amp; Handling</td> <td>1.6 %</td> <td>0.80%</td> </tr> <tr> <td>7.</td> <td>Annual operation and maintenance expenses (INR - Lakh/MW) <b>Year</b> <b>2017-18</b> <b>2018-19</b> <b>2019-20</b></td> <td><u>O&amp;M Exp</u>  8.39 8.90 9.43</td> <td><u>O&amp;M Exp</u>  7.92 ** **</td> </tr> <tr> <td>8.</td> <td>Man/Mw Ratio</td> <td>1.35</td> <td>1.3</td> </tr> </tbody> </table> <p>** For 2018-19 &amp; 2019-20 O&amp;M expenses will be determined as per Clause 2.8.6.1 of Notification no. 54/ WBERC dated 30.07.2013.</p>	SI No	Operational Norms	As Prayed by HEL	Decision of the Commission	1.	Gross Station Heat Rate GSHR = 1.065 X Design Heat Rate ( Kcal/Kwh) = 1.065 X <u>1998</u> (Kcal/Kwh/Turbine heat rate)  85.9 % (Boiler efficiency) =1.065 X 2325.96 Kcal/Kwh = 2477.15 Kcal/Kwh	2477.15 Kcal/Kwh	2477.15 Kcal/Kwh	2.	Secondary Oil Consumption	1.00 ml/kwh	1.00 ml/kwh	3.	Auxiliary Consumption(including induced draft cooling towers)	10.50%	10.50%	4.	Plant Availability Factor (PAF)	85%	85%	5.	Plant Load Factor (PLF)	80%	80%	6.	Transit & Handling	1.6 %	0.80%	7.	Annual operation and maintenance expenses (INR - Lakh/MW) <b>Year</b> <b>2017-18</b> <b>2018-19</b> <b>2019-20</b>	<u>O&amp;M Exp</u>  8.39 8.90 9.43	<u>O&amp;M Exp</u>  7.92 ** **	8.	Man/Mw Ratio	1.35	1.3
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West Bengal Electricity Regulatory Commission



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In Re the application submitted Under Regulation 2.8.1.4.9 of the West Bengal Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2011 by Hiranmaye Energy Limited (Formerly known as Indian Power Corporation ( Haldia) Limited), Haldia, Dist. Purba Medinipur, West Bengal for 3 x 150 MW Coal based thermal power project

- 3.0 The above norms fixed by the Commission for the years 2017-2018, 2018-2019 and 2019-2020 will be considered in determination of generation tariff of HMEL for the respective years. The norms of HMEL generating station will, however, be incorporated in the Tariff Regulations whenever amendment is made following the statutory procedures.
- 4.0. All these norms are subject to revision from time to time as per notification issued by the Commission.
- 5.0 With the above conclusions the petition of Hiranmaye Energy Limited is disposed of.
- 6.0 Let a copy of this order be served upon Hiranmaye Energy Limited (Formerly known as Indian Power Corporation (Haldia) Limited)

Sd/-  
(Amitava Biswas)  
Member

Sd/-  
(Rabindra Nath Sen)  
Chairperson

Dated : 13.09.2018

(TARUN KUMAR MUKHERJEE)  
SECRETARY



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