



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;"><u>ORDER</u></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 & 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" data-bbox="411 936 1409 1854"> <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 & Handling</td> <td>1.6 %</td> <td>0.80%</td> </tr> <tr> <td>7.</td> <td>Annual operation and maintenance expenses (INR - Lakh/MW) Year 2017-18 2018-19 2019-20</td> <td><u>O&M Exp</u> 8.39 8.90 9.43</td> <td><u>O&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 & 2019-20 O&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) Year 2017-18 2018-19 2019-20	<u>O&M Exp</u> 8.39 8.90 9.43	<u>O&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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