

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

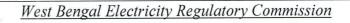
DATE: 13.09.2018



Certified true Copy

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	SI. No.	Date	Office notes, reports orders or proceedings with signature			
Nyan		13.09. 2018	ORDER			
	1.0 This in regard to the application submitted by by Hiranmaye Energy Liknown as Indian Power Corporation (Haldia) Limited) vide Pet HMEL/WBERC/2018-19/001 dated 23.07.2018 for approval of operating respect of 3 x 150 MW Coal based thermal power project set up by Hir Limited (Formerly known as Indian Power Corporation (Haldia) Limited) Purba Medinipur in terms of regulation 2.8.1.4.9 of West Bengal Elect Commission (Terms & Conditions of Tariff) Regulations, 2011 (Regulations")					
			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 9/ are as follows:			
			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)	2477.15 Kcal/Kwh	2477.15 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		
			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	O&M Exp 8.39	<u>O&M Exp</u> 7.92
				2017-18 2018-19	8.90 9.43	**
			1.1	2019-20	9.43	
			8.	Man/Mw Ratio	1.35	1.3





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- 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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