



# National Electric Power Regulatory Authority Islamic Republic of Pakistan

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**Registrar**

No. NEPRA/ADG(Trf)/TRF-360/TCB-I-2015/ 3668-90

November 15, 2023

Chief Executive Officer  
Thar Coal Block-1 Power Generation Company  
(Pvt.) Ltd. No. A-1, Navy Housing Scheme,  
Zam Zama Link Road, Clifton Block-9,  
Karachi

Subject: **Decision of the Authority in the matter of Fuel Price Adjustment for the month of September 2023 for Thar Coal Block-1 Power Generation Company (Private) Limited (Case No. NEPRA/TRF-360/ TCB-I-2015)**

Enclosed please find herewith the subject decision of the Authority along with **Annex-I** for the month of **September 2023** (total 02 pages) regarding the adjustment in fuel portion of energy charge part of tariff on account of variation in **Coal** prices(s) in respect of Thar Coal Block-1 Power Generation Company (Private) Limited. In Case No. NEPRA/TRF-360/ TCB-I-2015.

Enclosure: As above

( Engr. Mazhar Iqbal Ranjha )

Copy to: (alongwith copy of subject Decision):

1. Secretary Ministry of Energy (Power Division), 'A' Block, Pak Secretariat, Islamabad
2. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad
3. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
4. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited, Shaheen Plaza, 73-West, Fazl-e-Haq Road, Islamabad.

**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL PRICE ADJUSTMENT FOR THE MONTH OF SEPTEMBER 2023 FOR THAR COAL BLOCK-1 POWER GENERATION COMPANY (PRIVATE) LIMITED.**

1. Pursuant to the decision of the Authority dated June 10, 2016 in the matter of approval of Thar Coal Upfront Tariff for 2x660 MW Coal Power Plant of Thar Coal Block-1 Power Generation Company (Pvt) Limited (hereinafter refer as "TCB-1") the variable and fixed fuel cost component are subject to adjustment on the basis of coal price variation which determined by Thar Coal Energy Board (TCEB) and notified in the official Gazette.
2. The Authority in its collective and joint wisdom decided with consensus as under; which will be hereafter called as decision of the Authority in the matter:-


"Based on the documentary evidences and information submitted by TCB-1, the variable and fixed fuel cost components of the energy charge part of TCB-1's tariff are adjusted for variation in Thar coal price(s) for the month of September 2023."


3. The revised energy charge part of TCB-1's tariff relating to fuel indicated hereunder shall be immediately applicable to the units delivered during the month:

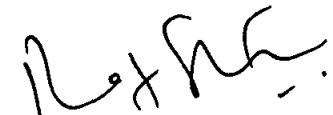
Period	Fuel Cost Component			
	Reference (June 10, 2016)		Revised	
	Variable (Rs/kWh)	Fixed (Rs/kWh)	Variable (Rs/kWh)	Fixed (Rs/kWh)
September 2023	1.1081	2.3848	4.1115	6.4844

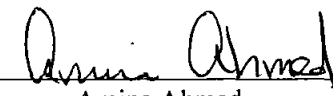
4. TCEB did not mention reference heating value of coal in its determination. TCEB vide its letter No. TCEB/Registrar/2-2/2015/FC Stage/5038 dated September 15, 2023 provided clarification that TCEB considered heat value of 11.30 MJ/Kg which is subject to adjustment as per actual at the time of mine coal COD tariff true-up.
5. In-line with other Thar Coal IPPs, the fuel cost components have been calculated on the basis of NBP published exchange rate prevailing on the 1<sup>st</sup> day of each month instead of TCB-1 requested SBP published exchange rates of mark to market revaluation by authorized dealers in foreign exchange.
6. This decision along with **Annex-I** are to be notified in the official Gazette in accordance with the provisions of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997.


**AUTHORITY**

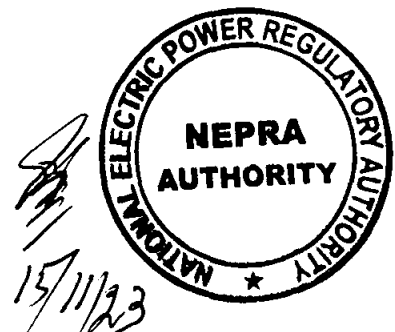
  
Mathar Niaz Rana (nsc)  
Member

  
Engr. Maqsood Anwar Khan  
Member

  
Engr. Rafique Ahmed Shaikh  
Member

  
Amina Ahmed  
Member

  
Waseem Mukhtar  
Chairman



**Thar Coal Block-1 Power Generation Company (Pvt.) Limited**  
**Schedule of Fuel Cost Part of Energy Charge**  
**Adjustment on Account of Thar Coal Price Variation For the Month of September 2023**

Fixed Fuel Price				
Description	Invoyed Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 650,000 Tons	5,664,018,750	28.50	305.75	8,713.88
<b>Total</b>	<b>5,664,018,750</b>	<b>28.50</b>	<b>268.35</b>	<b>8,713.88</b>

Variable Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
<b>Coal Consumption:</b>				
Consumption from Purchases During July 2023	5,000	16.47	286.40	4,717.01
Consumption from Purchases During September 2023	634,302	16.47	305.75	5,035.70
<b>Total Consumption:</b>	<b>639,302</b>	<b>16.47</b>	<b>305.60</b>	<b>5,033.21</b>

Fuel Cost Component					
Description	Units	Reference (June 10, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.43	3,528.12	5,033.21	8,713.88
Heat Rate	Btu/kWh	8,751	8,751	8,749	-
Heating Value of Thar Coal	MMBTU/Ton	11.005	11.005	10.71	-
Capacity for the month	Gwh	-	-	-	873.4896
<b>Fuel Cost Component</b>		<b>Rs. 1.1081/kWh</b>	<b>Rs. 2.3848/kWh</b>	<b>Rs. 4.1115/kWh</b>	<b>Rs. 6.4844/kWh</b>

Thar Coal & Energy Board vide its letter No. TCEB/Registrar/2-2/2015/FC Stage/5038 dated Sep 15, 2023 issued clarification to Sino Sindh Resources Ltd that they continued considering heat value of 11.30 MJ/kg, in line with the same that is available in feasibility stage. It shall be adjusted and actualized at COD Stage, if warranted.

Heating value shall be adjusted annually as per TCEB determination dated June 22, 2023.

The Coal Consumption is for the period of 1<sup>st</sup> to 30<sup>th</sup> September 2023.

Based on the data declared by Thar Coal Block-1 Power Generation Company (Pvt.) Limited

