



Registrar

National Electric Power Regulatory Authority

Islamic Republic of Pakistan

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No. NEPRA/ADG(Trf)/TRF-360/TCB-I-2015/ 4868-72

April 08, 2024

Chief Executive Officer,
Thar Coal Block-1 Power Generation Company,
(Pvt.) Limited, 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 months of November 2023 to January 2024 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, II & III** for the months of **November 2023 to January 2024** (total 04 pages) regarding the adjustment in the 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: (along with 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 (CPPA-G), Shaheen Plaza, 73-West, Fazl-e-Haq Road, Islamabad

DECISION OF THE AUTHORITY IN THE MATTER OF FUEL PRICE ADJUSTMENTS FOR THE MONTHS OF NOVEMBER 2023 TO JANUARY 2024 FOR THAR COAL BLOCK-1 POWER GENERATION COMPANY (PRIVATE) LIMITED.

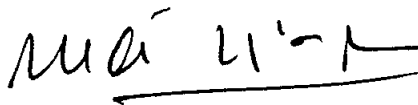
1. Pursuant to the decision of the Authority dated June 10, 2016 in the matter of approval of Thar Coal Upfront Tariff for 2x660 MW Coal Power Plant of Thar Coal Block-1 Power Generation Company (Pvt) Limited (hereinafter refer as "TCB-1") the variable and fixed fuel cost component are subject to adjustment 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 considering all aspects 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 for the months of November 2023 to January 2024 are adjusted for variation in Thar coal price(s). The revisions in fuel cost components are provisional and subject to adjustment in the light of final Mine COD Tariff and applicable indexations decisions by TCEB for Block-I."

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 months:

Period	Fuel Cost Component			
	Reference (June 10, 2016)		Revised	
	Variable (Rs/kWh)	Fixed (Rs/kW/h)	Variable (Rs/kWh)	Fixed (Rs/kW/h)
November 2023	1.1081	2.3848	4.4235	6.0962
December 2023			4.4764	5.9738
January 2024			4.4244	5.9038

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. This decision along with **Annex-I to III** 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.

AUTHORITYMathar Niaz Rana (nsc)
MemberEngr. Maqsood Anwar Khan
MemberEngr. Rafique Ahmed Shaikh
MemberAmina Ahmed
MemberWaseem Mukhtar
Chairman

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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 November 2023

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 650,000 Tons	5,324,992,946	29.0404	282.10	8,192.30
Total	5,324,992,946	29.0404	282.10	8,192.30

Variable Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During October 2023	5,000	19.1862	288.10	5,527.54
Consumption from Purchases During November 2023	210,828	19.1862	282.10	5,412.43
Total Consumption:	215,828	19.1862	282.24	5,415.09

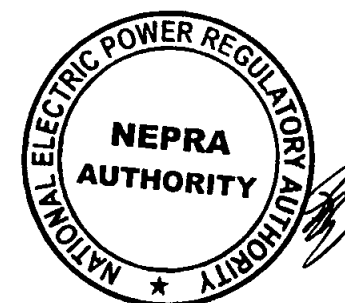
Fuel Cost Component					
Description	Units	Reference (June 10, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.43	3,528.12	5,415.09	8,192.30
Heat Rate	Btu/kWh	8,751	8,751	8,749	-
Heating Value of Thar Coal	MMBTU/Ton	11.005	11.005	10.71	-
Capacity for the month	Gwh	-	-	-	873.4896
Fuel Cost Component		Rs. 1.1081/kWh	Rs. 2.3848/kWh	Rs. 4.4235/kWh	Rs. 6.0962/kWh

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 August 08, 2023.

The Coal Consumption is for the period of 1st to 30th November 2023.

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



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 December 2023

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 650,000 Tons	5,392,003,669	29.0404	285.65	8,295.39
Total	5,392,003,669	29.0404	285.65	8,295.39

Variable Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During November 2023	5,000	19.1862	282.10	5,412.43
Consumption from Purchases During December 2023	487,126	19.1862	285.65	5,480.54
Total Consumption:	492,126	19.1862	285.61	5,479.85

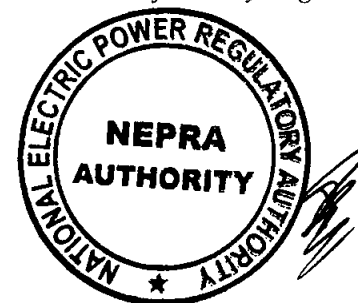
Fuel Cost Component					
Description	Units	Reference (June 10, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.43	3,528.12	5,479.85	8,295.39
Heat Rate	Btu/kWh	8,751	8,751	8,749	-
Heating Value of Thar Coal	MMBTU/Ton	11.005	11.005	10.71	-
Capacity for the month	Gwh	-	-	-	902.6059
Fuel Cost Component		Rs. 1.1081/kWh	Rs. 2.3848/kW/h	Rs. 4.4764/kWh	Rs. 5.9738/kW/h

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 August 08, 2023.

The Coal Consumption is for the period of 1st to 31st December 2023.

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



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 January 2024

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 650,000 Tons	5,328,768,198	29.0404	282.30	8,198.10
Total	5,328,768,198	29.0404	282.30	8,198.10

Variable Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During January 2024	487,126	19.1862	282.30	5,416.26
Total Consumption:	487,126	19.1862	282.30	5,416.26

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	5,416.26	8,198.10
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	-	-	-	902.6059
Fuel Cost Component		Rs. 1.1081/kWh	Rs. 2.3848/kWh	Rs. 4.4244/kWh	Rs. 5.9038/kWh

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 August 08, 2023.

The Coal Consumption is for the period of 1st to 31st January 2024.

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

