



# National Electric Power Regulatory Authority Islamic Republic of Pakistan

NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad.  
Tel: +92-51-9206500, Fax: +92-51-2600026  
Web: www.nepra.org.pk, E-mail: registrar@nepra.org.pk

## Registrar

No. NEPRA/ADG(Trf)/TRF-368/TEL-2016/ 38462-06

December 14, 2023

Chief Executive Officer  
Thar Energy Limited  
11<sup>th</sup> Floor, Ocean Tower, Block-9,  
Main Clifton Road, Karachi

Subject: **Decision of the Authority in the matter of Fuel Price Adjustment for the month of November 2023 for Thar Energy Limited (TEL) [CASE NO. NEPRA/TRF-368/TEL-2016]**

Enclosed please find herewith the subject decision of the Authority along with **Annex-I** for the month of **November 2023** (total 02 Pages) regarding the adjustment of the variable and fixed Fuel Cost Component of the energy charge part of Thar Energy Limited's Tariff on account of variation in Thar Coal Price(s) in Case No. NEPRA/TRF-368/TEL-2016.

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, Blue Area, Islamabad



**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL PRICE  
ADJUSTMENT FOR THE MONTH OF NOVEMBER 2023 FOR THAR ENERGY  
LIMITED (TEL).**

1. Pursuant to the decision of the Authority dated October 18, 2016, in the matter of approval of Thar Coal Upfront Tariff for 330 MW Coal Power Plant of Thar Energy Limited (TEL), the fuel portion of energy charge part of TEL's tariff is required to be adjusted on account of fuel price(s) variation.
2. The Authority in its collective and joint wisdom decided with consensus as under; which shall be hereafter called as decision of the Authority in the matter:-

“Based on the documentary evidences and information submitted by TEL, the variable and fixed fuel cost components of the energy charge part of TEL's tariff are adjusted for variation in Thar coal price(s) for the month of November 2023.”

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

Period	Fuel Cost Component			
	Reference (Oct 18, 2016)		Revised	
	Variable (Rs/kWh)	Fixed (Rs/kWh)	Variable (Rs/kWh)	Fixed (Rs/kWh)
November 2023	1.1677	2.5132	3.9912	6.2242

4. The above referred revised fuel cost component along with Annex-I is to be notified in the official Gazette in accordance with Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997 (XL of 1997).
5. CPPA(G) to ensure that all payments are consistent with tariff determination(s).

**AUTHORITY**

Mathar Niaz Rana (nsc)  
Member

Engr. Maqsood Anwar Khan  
Member

Engr. Rafique Ahmed Shaikh  
Member

Amina Ahmed  
Member

Waseem Mukhtar  
Chairman



**Thar Energy Limited**  
**Schedule of Fuel Cost Part of Energy Charge**  
**Adjustment on Account of Thar Coal Price Variation for the month of November 2023**

<b>Fixed Fuel Price</b>				
<b>Description</b>	<b>Invoiced Price</b>	<b>Fixed Coal Price</b>		
	<b>Rs.</b>	<b>US\$/ Ton</b>	<b>Exchange Rate Rs./ US\$</b>	<b>Rs./Ton</b>
Fixed Fuel Price For 158,333.334 Tons	1,345,781,530	30.13	282.10	8,499.67
<b>Total</b>	<b>1,345,781,530</b>	<b>30.13</b>	<b>282.10</b>	<b>8,499.67</b>

<b>Variable Fuel Price</b>				
<b>Description</b>	<b>Quantity</b>	<b>Variable Coal Price</b>		
	<b>Tons</b>	<b>US\$/Ton</b>	<b>Exchange Rate Rs./ US\$</b>	<b>Rs./Ton</b>
<b>Coal Consumption:</b>				
Consumption from Purchases During October 2023	27,346	16.38	288.10	4,719.08
Consumption from Purchases During November 2023	146,969	16.38	282.10	4,620.80
<b>Total Consumption:</b>	<b>174,315</b>	<b>16.38</b>	<b>283.04</b>	<b>4,636.22</b>

<b>Fuel Cost Component</b>					
<b>Description</b>	<b>Units</b>	<b>Reference (Oct 18, 2016)</b>		<b>Revised</b>	
		<b>Variable</b>	<b>Fixed</b>	<b>Variable</b>	<b>Fixed</b>
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,636.22	8,499.67
Heat Rate	Btu/kWh	9,222	9,222	9,222	-
Heating Value of Thar Coal	MMBTU/Ton	11.005	11.005	10.71	-
Capacity for the month	Gwh	-	-	-	216.2160
<b>Fuel Cost Component</b>		<b>Rs. 1.1677/kWh</b>	<b>Rs. 2.5132/kWh</b>	<b>Rs. 3.9912/kWh</b>	<b>Rs. 6.2242/kWh</b>

Reference heating value as per TCEB determination dated Dec 29, 2022, for years 1 - 8 is 11.30 MJ/KG (LHV).

Reference heating value shall be adjusted annually as per TCEB determination.

As per phase-II decision dated Dec 29, 2022, TCEB did not allow the transportation charges of mine-mouth coal power plants, therefore, US\$ 1.45/ton has not been included in the price of coal purchased in March 2023 and onwards.

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

Based on the data declared by Thar Energy Ltd.

