

National Electric Power Regulatory Authority

NOTIFICATION



Islamabad, the 21st day of March, 2024

S.R.O. 556 (I)/2024.- Pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 and decision of the Authority dated March 13, 2015, in the matter of approval of Thar Coal Upfront Tariff for 2 x 330 MW Coal Power Plant of Engro Powergen Thar (Private) Limited (EPTPL), notified vide S. R. O. 233 (I)/2015 dated 18th March, 2015, the fuel portion of the energy charge part of EPTPL's tariff needs to be adjusted for variation in coal price, NEPRA hereby notifies the following adjustments in the approved tariff of EPTPL:

Annex: NEPRA-LIII

Engro Powergen Thar (Private) Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of May 2023

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/Ton	Exchange Rate (Rs./US\$)	Rs./Ton
Fixed Fuel Price For 316,666.667 Tons	2,690,046,600	29.88	284.30	8,494.88
Total	2,690,046,600	29.88	284.30	8,494.88

Variable Fuel Price				
Description	Quantity	Variable Coal Price*		
	Tons	US\$/Ton	Exchange Rate (Rs./US\$)	Rs./Ton
Coal Consumption:				
Consumption from Purchases During April 2023	173,257	14.44	284.20	4,103.85
Consumption from Purchases During May 2023	256,513	14.44	284.30	4,105.29
Total Consumption:	429,770	14.44	284.26	4,104.71

Fuel Cost Component					
Description	Units	Reference (March 13, 2015)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,104.71	8,494.88
Heat Rate	Btu/kWh	9,222	9,222	9,222.00	-
Heating Value of Thar Coal	MMBtu/ton	11,005	11,005	10.71	-
Capacity for the month	Gwh	-	-	-	446.8464
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.5343/kWh	Rs. 6.0201/kWh

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

Reference heating value shall be adjusted annually as per TCEB determination dated Dec 29, 2022.

The Coal Consumption is for the period of 16th April 2023 to 31st May 2023.

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(s) of coal purchases from March 2023 onwards.

TCEB vide letter dated April 28, 2023 issued clarification to SECMC to invoice transportation cost in-line with what was authorized in Phase-I COD Stage Tariff during the interim period till the time Phase-II COD stage tariff is determined. However, it is noted that TCEB did not allow transportation charges in COD stage Tariff, therefore, the same has not been included in the price(s) of coal.

Provisional, Subject to final decision of the Honorable Sindh High Court.

Based on data declared by Engro Powergen Thar (Private) Limited.

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Engro Powergen Thar (Private) Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of June 2023

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/Ton	Exchange Rate (Rs./US\$)	Rs./Ton
Fixed Fuel Price For 316,666.667 Tons	2,704,712,700	29.88	285.85	8,541.20
Total	2,704,712,700	29.88	285.85	8,541.20

Variable Fuel Price				
Description	Quantity	Variable Coal Price*		
	Tons	US\$/Ton	Exchange Rate (Rs./US\$)	Rs./Ton
Coal Consumption:				
Consumption from Purchases During May 2023	81,563	14.44	284.30	4,105.29
Consumption from Purchases During June 2023	255,414	14.44	285.85	4,127.67
Total Consumption:	336,977	14.44	285.47	4,122.26

Fuel Cost Component					
Description	Units	Reference (March 13, 2015)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,122.26	8,541.20
Heat Rate	Btu/kWh	9,222	9,222	9,222.00	-
Heating Value of Thar Coal	MMBtu/ton	11.005	11.005	10.71	-
Capacity for the month	Gwh	-	-	-	432.4320
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.5494/kWh	Rs. 6.2547/kWh

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

Reference heating value shall be adjusted annually as per TCEB determination dated Dec 29, 2022.

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

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(s) of coal purchases from March 2023 onwards.

TCEB vide letter dated April 28, 2023 issued clarification to SECMC to invoice transportation cost in-line with what was authorized in Phase-I COD Stage Tariff during the interim period till the time Phase-II COD stage tariff is determined. However, it is noted that TCEB did not allow transportation charges in COD stage Tariff, therefore, the same has not been included in the price(s) of coal.

Provisional, Subject to final decision of the Honorable Sindh High Court.

Based on data declared by Engro Powergen Thar (Private) Limited.

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Engro Powergen Thar (Private) Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of July 2023

Fixed Fuel Price				
Description	Invoyced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate (Rs./ US\$)	Rs. /Ton
Fixed Fuel Price For 316,666.667 Tons	2,709,916,800	29.88	286.40	8,557.63
Total	2,709,916,800	29.88	286.40	8,557.63

Variable Fuel Price				
Description	Quantity	Variable Coal Price*		
	Tons	US\$/Ton	Exchange Rate (Rs./US\$)	Rs. / Ton
Coal Consumption:				
Consumption from Purchases During June 2023	42,684	14.44	285.85	4,127.67
Consumption from Purchases During July 2023	274,842	14.44	286.40	4,135.62
Total Consumption:	317,526	14.44	286.33	4,134.55

Fuel Cost Component					
Description	Units	Reference (March 13, 2015)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./'Ton	1,393.44	3,528.12	4,134.55	8,557.63
Heat Rate	Btu/kWh	9,222	9,222	9,222.00	-
Heating Value of Thar Coal	MMBtu/ton	11.005	11.005	10.71	-
Capacity for the month	Gwh	-	-	-	446.8464
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.56/kWh	Rs. 6.0645/kWh

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

Reference heating value shall be adjusted annually as per TCEB determination dated Dec 29, 2022.

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

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(s) of coal purchases from March 2023 onwards.

TCEB vide letter dated April 28, 2023 issued clarification to SECMC to invoice transportation cost in-line with what was authorized in Phase-I COD Stage Tariff during the interim period till the time Phase-II COD stage tariff is determined. However, it is noted that TCEB did not allow transportation charges in COD stage Tariff, therefore, the same has not been included in the price(s) of coal.

Provisional, Subject to final decision of the Honorable Sindh High Court.

Based on data declared by Engro Powergen Thar (Private) Limited.

[Case No. NEPRA/TRF-301/EPTPL-2015]

(Engr. Mazhar Iqbal Ranjha)

Registrar