

National Electric Power Regulatory Authority

NOTIFICATION



Islamabad, the th10 day of July, 2024

S.R.O. 1062(I)/2024.- In pursuance of Proviso-iv of Sub-Section 7 of Section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997) and in accordance with 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 variable and fixed fuel cost components 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, NEPRA hereby notifies the following adjustments in the approved tariff of TEL:

Annex: NEPRA-I

Thar Energy Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of September 2022

Variable Fuel Price				
Description	Quantity	Coal Price*		Exchange Rate
	Tons	US\$/Ton	Rs./ Ton	Rs./ US\$
Coal Consumption:				
Consumption from Purchases During Aug 2022	28,062	47.59	11,419.22	239.95
Consumption from Purchases During Sep 2022	106,787	47.59	10,398.42	218.50
**Total Consumption:	134,849	47.590	10,610.84	222.96

*Coal Price including transportation of US\$ 1.45/Ton

Fuel Cost Component			
Description	Units	Reference	Revised
Avg. price of stock consumed	Rs./ Ton	4,921.56	10,610.84
Heat Rate	Btu/kWh	9,222.49	9,222.00
Heating Value of Thar Coal	MMBTU/Ton	11.005	10.71
Fuel Cost Component		Rs. 4.1244/kwh	Rs. 9.1346/kWh

Reference heating value as per TCEB determination for years 1 - 8 is 11.30 Mi/KG (LHV)

Reference heating value shall be indexed annually as per TCEB determination

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Annex: NEPRA-II

Thar Energy Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of October 2022

Variable Fuel Price				
Description	Quantity	Variable Coal Price*		Exchange Rate
				Rs./ US\$
	Tons	US\$/Ton	Tons	US\$/Ton
Coal Consumption:				
Consumption from Inventory Purchases	64,000	16.88	3,864.68	228.95
Consumption from Purchases During October 2022	64,283	16.88	3,864.68	228.95
Total Consumption:	128,283	16.88	3,864.68	228.95

**Variable Coal Price including transportation charge of US\$ 1.45/Ton*

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		Exchange Rate
	Rs.	US\$/ Ton	Rs. /Ton	Rs./ US\$
Fixed Fuel Price For 158,333.334 Tons	1,113,250,271	30.71	7,031.05	228.95
Total	1,113,250,271	30.71	7,031.05	228.95

Fuel Cost Component					
Description	Units	Reference		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	3,864.68	7,031.05
Heat Rate	Btu/kWh	9,222.49	9,222.49	9,222.00	-
Heating Value of Thar Coal	MMBTU/Ton	11.005	11.005	10.71	-
Capacity for the month	Gwh	-	-	-	223.4232
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.327/kWh	Rs. 4.9827/kWh

Reference heating value as per TCEB determination dated Oct 5, 2018, for years 1 - 8 is 11.30 MJ/KG (LHV)

Reference heating value shall be adjusted annually as per TCEB determination

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Thar Energy Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of November 2022

Variable Fuel Price				
Description	Quantity	Variable Coal Price*		Exchange Rate
	Tons	US\$/Ton	Rs./ Ton	Rs./ US\$
Coal Consumption:				
Consumption from Purchases During October 2022	45,938	16.88	3,864.68	228.95
Consumption from Purchases During November 2022	117,619	16.88	3,736.39	221.35
**Total Consumption:	163,557	16.88	3,772.42	223.48

*Variable Coal Price including transportation charge of US\$ 1.45/Ton

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		Exchange Rate
	Rs.	US\$/ Ton	Rs. /Ton	Rs./ US\$
Fixed Fuel Price For 158,333.334 Tons	1,076,295,930	30.71	6,797.66	221.35
Total	1,076,295,930	30.71	6,797.66	221.35

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	3,772.42	6,797.66
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
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.2476/kWh	Rs. 4.9779/kWh

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

Reference heating value shall be indexed annually as per TCEB determination

**Based on the data declared by Thar Energy Ltd

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Thar Energy Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of December 2022

Variable Fuel Price				
Description	Quantity	Variable Coal Price*		Exchange Rate
	Tons	US\$/Ton	Rs./ Ton	Rs./ US\$
Coal Consumption:				
Consumption from Purchases During November 2022	38,970	16.88	3,736.39	221.35
Consumption from Purchases During December 2022	127,467	16.88	3,787.87	224.40
**Total Consumption:	166,437	16.88	3,775.82	223.69

*Variable Coal Price including transportation charge of US\$ 1.45/Ton

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		Exchange Rate
	Rs.	US\$/ Ton	Rs. /Ton	Rs./ US\$
Fixed Fuel Price For 158,333.334 Tons	1,091,126,301	30.71	6,891.32	224.40
Total	1,091,126,301	30.71	6,891.32	224.40

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	3,775.82	6,891.32
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	-	-	-	223.4232
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.2505/kWh	Rs. 4.8837/kWh

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

Reference heating value shall be indexed annually as per TCEB determination

**Based on the data declared by Thar Energy Ltd

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

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,103,282,318	30.71	226.90	6,968.10
Total	1,103,282,318	30.71	226.90	6,968.10

Variable Fuel Price				
Description	Quantity	Variable Coal Price*		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During December 2022	27,460	16.88	224.40	3,787.87
Consumption from Purchases During January 2023	113,662	16.88	226.90	3,830.07
**Total Consumption:	141,122	16.88	226.41	3,821.86

*Variable Coal Price including transportation charge of US\$ 1.45/Ton

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	3,821.86	6,968.10
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	-	-	-	223.4232
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.2901/kWh	Rs. 4.9381/kWh

Reference heating value as per TCEB determination dated Oct 5, 2018, for years 1 - 8 is 11.30 MJ/KG (LHV)

Reference heating value shall be adjusted annually as per TCEB determination

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

Based on the data declared by Thar Energy Ltd

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

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,304,829,485	30.71	268.35	8,241.03
Total	1,304,829,485	30.71	226.90	8,241.03

Variable Fuel Price				
Description	Quantity	Variable Coal Price*		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from purchases during January 2023	19,215	16.88	226.90	3,830.07
Total Consumption:	19,215	16.88	226.90	3,830.07

*Variable Coal Price including transportation charge of US\$ 1.45/Ton.

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	3,830.07	8,241.03
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	-	-	-	201.8016
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.2972/kWh	Rs. 6.4659/kWh

Reference heating value as per TCEB determination dated Oct 5, 2018, for years 1 - 8 is 11.30 MJ/KG (LHV).

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

The Coal Consumption is for the period of 1st to 28th February 2023.

No coal purchased in February 2023 and no energy was dispatched during February 2023 as per demand of Power Purchaser.

Based on the data declared by Thar Energy Ltd.

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

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,239,285,424	29.88	261.95	7,827.07
Total	1,239,285,424	29.88	261.95	7,827.07

Variable Fuel Price				
Description	Quantity	Variable Coal Price*		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
No Coal Consumption	-	-	-	-
Total Consumption:	-			

*Variable Coal Price including transportation charge of US\$ 1.45/Ton.

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12		7,827.07
Heat Rate	Btu/kWh	9,222	9,222		-
Heating Value of Thar Coal	MMBTU/Ton	11.005	11.005		-
Capacity for the month	Gwh	-	-		223.4232
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kW/h		Rs. 5.5468/kW/h

There is no Coal Consumption during the period of 1st to 31st March 2023.

No coal purchased in March 2023 and no energy was dispatched during March 2023 as per demand of Power Purchaser.

Based on the data declared by Thar Energy Ltd.

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

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,344,550,172	29.88	284.20	8,491.90
Total	1,344,550,172	29.88	284.20	8,491.90

Variable Fuel Price				
Description	Quantity	Variable Coal Price*		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During January 2023*	17,936	16.88	226.90	3,830.07
Consumption from Purchases During April 2023	-	-	-	-
Total Consumption:	17,936	16.88	226.90	3,830.07

*Variable Coal Price including transportation charge of US\$ 1.45/Ton.

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	3,830.07	8,491.90
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
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kW/h	Rs. 3.2972/kWh	Rs. 6.2186/kW/h

Reference heating value as per TCEB determinations dated Oct 5, 2018 & Dec 29, 2022, for years 1 - 8 is 11.30 MJ/KG (LHV).

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

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

Based on the data declared by Thar Energy Ltd.

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Thar Energy 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 158,333.334 Tons	1,345,023,272	29.88	284.30	8,494.88
Total	1,345,023,272	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 January 2023*	1,279	16.88	226.90	3,830.07
Consumption from Purchases During April 2023	21,969	14.44	284.20	4,103.85
Consumption from Purchases During May 2023	99,572	14.44	284.30	4,105.29
Total Consumption:	122,820	14.47	283.58	4,102.17

*Variable Coal Price including transportation charge of US\$ 1.45/Ton.

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,102.17	8,494.88
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	-	-	-	223.4232
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.5314/kWh	Rs. 6.0201/kWh

Reference heating value as per TCEB determinations dated Oct 5, 2018 & 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 1st to 31st May 2023.

Based on the data declared by Thar Energy Ltd.

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Thar Energy 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 158,333.334 Tons	1,352,356,322	29.88	285.85	8,541.20
Total	1,352,356,322	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	27,422	14.44	284.30	4,105.29
Consumption from Purchases During June 2023	153,454	14.44	285.85	4,127.67
Total Consumption:	180,876	14.44	285.62	4,124.28

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,124.28	8,541.20
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
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.5505/kWh	Rs. 6.2547/kWh

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 1st to 30th June 2023.

Based on the data declared by Thar Energy Ltd.

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Thar Energy 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	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,354,958,371	29.88	286.40	8,557.63
Total	1,354,958,371	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	6,918	14.44	285.85	4,127.67
Consumption from Purchases During July 2023	176,679	14.44	286.40	4,135.62
Total Consumption:	183,597	14.44	286.38	4,135.32

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,135.32	8,557.63
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	-	-	-	223.4232
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 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 1st to 31st July 2023.

Based on the data declared by Thar Energy Ltd.

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

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,358,270,071	29.88	287.10	8,578.55
Total	1,358,270,071	29.88	287.10	8,578.55

Variable Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During July 2023	8,371	14.44	286.40	4,135.62
Consumption from Purchases During August 2023	178,921	14.44	287.10	4,145.72
Total Consumption:	187,292	14.44	287.07	4,145.27

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,145.27	8,578.55
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	-	-	-	223.4232
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.5685/kWh	Rs. 6.0794/kWh

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 1st to 31st August 2023.

Based on the data declared by Thar Energy Ltd.

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Thar Energy 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	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,446,503,220	29.88	305.75	9,135.81
Total	1,446,503,220	29.88	305.75	9,135.81

Variable Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During August 2023	1,108	14.44	287.10	4,145.72
Consumption from Purchases During September 2023	160,820	14.44	305.75	4,415.03
Total Consumption:	161,928	14.44	305.62	4,413.19

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,413.19	9,135.81
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
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.7992/kWh	Rs. 6.6901/kWh

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 1st to 30th September 2023.

Based on the data declared by Thar Energy Ltd.

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

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,374,405,029	30.13	288.10	8,680.45
Total	1,374,405,029	30.13	288.10	8,680.45

Variable Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During September 2023	4,193	14.44	305.75	4,415.03
Consumption from Purchases During October 2023	157,687	16.38	288.10	4,719.08
Total Consumption:	161,880	16.33	288.50	4,711.20

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,711.20	8,680.45
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	-	-	-	223.4232
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 4.0557/kWh	Rs. 6.1516/kWh

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 1st to 31st October 2023.

Based on the data declared by Thar Energy Ltd.

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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

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

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	27,346	16.38	288.10	4,719.08
Consumption from Purchases During November 2023	146,969	16.38	282.10	4,620.80
Total Consumption:	174,315	16.38	283.04	4,636.22

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
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
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.9912/kWh	Rs. 6.2242/kWh

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 1st to 30th November 2023.

Based on the data declared by Thar Energy Ltd.

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Thar Energy 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	Invoyed Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,362,717,100	30.13	285.65	8,606.63
Total	1,362,717,100	30.13	285.65	8,606.63

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	13,054	16.38	282.10	4,620.80
Consumption from Purchases During December 2023	144,688	16.38	285.65	4,678.95
Total Consumption:	157,742	16.38	285.36	4,674.13

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,674.13	8,606.63
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	-	-	-	223.4232
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 4.0238/kWh	Rs. 6.0993/kWh

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 1st to 31st December 2023.

Based on the data declared by Thar Energy Ltd.

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Thar Energy 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 158,333.334 Tons	1,346,735,647	30.13	282.30	8,505.70
Total	1,346,735,647	30.13	282.30	8,505.70

Variable Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During December 2023	20,723	16.38	285.65	4,678.95
Consumption from Purchases During January 2024	130,490	16.38	282.30	4,624.07
Total Consumption:	151,213	16.38	282.76	4,631.59

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,631.59	8,505.70
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	-	-	-	223.4232
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.9872/kWh	Rs. 6.0277/kWh

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 1st to 31st January 2024.

Based on the data declared by Thar Energy Ltd.

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Thar Energy Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of February 2024

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,336,001,834	30.13	280.05	8,437.91
Total	1,336,001,834	30.13	280.05	8,437.91

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	14,523	16.38	282.30	4,624.07
Consumption from Purchases During February 2024	20,298	16.38	280.05	4,587.22
Total Consumption:	34,821	16.38	280.99	4,602.59

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,602.59	8,437.91
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	-	-	-	209.0088
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.9622/kWh	Rs. 6.3921/kWh

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 1st to 29th February 2024.

Based on the data declared by Thar Energy Ltd.

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Thar Energy Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of March 2024

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,333,855,072	30.13	279.60	8,424.35
Total	1,333,855,072	30.13	279.60	8,424.35

Variable Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During February 2024	74,720	16.38	280.05	4,587.22
Consumption from Purchases During March 2024	64,706	16.38	279.60	4,579.85
Total Consumption:	139,426	16.38	279.84	4,583.80

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,583.80	8,424.35
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	-	-	-	223.4232
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.9461/kWh	Rs. 5.9701/kWh

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 dated Dec 29, 2022.

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.

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

Based on the data declared by Thar Energy Ltd.

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Thar Energy Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of April 2024

Fixed Fuel Price				
Description	Invoiced Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 158,333.334 Tons	1,328,607,430	30.13	278.50	8,391.20
Total	1,328,607,430	30.13	278.50	8,391.20

Variable Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During March 2024	95,336	16.38	279.60	4,579.85
Consumption from Purchases During April 2024	32,530	16.38	278.50	4,561.83
Total Consumption:	127,866	16.38	279.32	4,575.26

Fuel Cost Component					
Description	Units	Reference (Oct 18, 2016)		Revised	
		Variable	Fixed	Variable	Fixed
Avg. price of stock consumed/Fixed Fuel Price	Rs./ Ton	1,393.44	3,528.12	4,575.26	8,391.20
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
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.9387/kWh	Rs. 6.1448/kWh

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 dated Dec 29, 2022.

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.

The Coal Consumption is for the period of 1st to 30th April 2024.

Based on the data declared by Thar Energy Ltd.

[CASE NO. NEPRA/TRF-368/TEL-2016]

(Engr Mazhar Iqbal Ranjha)

Registrar

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REGISTRAR

National Electric Power Regulatory Authority Islamic Republic of Pakistan

NEPRA Tower, G-5/1, Attaturk Avenue, Islamabad

Phone: 9206500, Fax: 2600026

Website: www.nepra.org.pk, Email: info@nepra.org.pk

No. NEPRA/ADG (Tariff)/TRF-Notifications/ 10545

July 10, 2024

The Manager
Printing Corporation of Pakistan Press (PCPP)
Khayaban-e-Suharwardi,
Islamabad

Subject: **Publication of Notification of Fuel Price Adjustments**

Pursuant to amendment in Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (NEPRA Act) through Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act 2011 (Act No. XVIII of 2011), the National Electric Power Regulatory Authority has been mandated to make the adjustments in the approved tariff on account of any variation in the fuel charges and notify the same in the official Gazette.

2. In exercise of power conferred by proviso-iv of sub-section 7 of Section 31 of NEPRA Act, the Authority has made adjustments in the approved tariff of various Generation Companies and the same will be notified in the official Gazette.

3. Enclosed please find herewith 18 notifications, regarding fuel price adjustments in approved tariff of various Generation Companies, as detailed below, for immediate publication in the official Gazette of Pakistan.

Sr#	Company Name	Decision by the Authority (Description)
1.	Attock Gen Ltd.	FCA for the months of January - May 2024
2.	Atlas Power Ltd.	FCA for the months of March - April 2024
3.	Nishat Power Ltd.	FCA for the month of October 2023
4.	Saif Power Ltd.	FCA for RLNG [Aug. 2023 & April 2024]
5.	Orient Power Company Limited	FCA for RLNG [April 2024]
6.	Sapphire Electric Co. Limited	FCA for RLNG [Oct. 2023 and March - April 2024]
7.	Northern Power Gen. Co. Ltd. - Nandipur Power Plant. [TRF-271]	FCA for RLNG [April 2024]
8.	Port Qasim Electric Power Company (Pvt.) Limited	Adjustment on Account of Coal Price Variation for the month of November 2023
9.	Engro Powergen Thar (Pvt.) Ltd. [TRF-301]	Adjustment on Account of Coal Price Variation for period Dec. 2023 & January - April 2024
10.	Huangeng Shandong Ruyi Energy (Private) Company Limited	Adjustment on Account of Coal Price Variation for the months of February 2024 & April 2024
11.	Quaid-e-Azam Thermal Power (Pvt.) Limited	FCA for RLNG [March - April 2024]
12.	National Power Parks Management Company Private Limited (Haveli Bahadar Shah)	FCA for RLNG [March - April 2024]
13.	National Power Parks Management Company Private Limited (Balloki)	FCA for RLNG [March - April 2024]
14.	Thar Coal Block-I Power Generation Company (Pvt.) Limited	Adjustment on Account of Coal Price Variation for the period February 5-28, 2023 to July 31, 2023

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15.	Thar Coal Block-I Power Generation Company (Pvt.) Limited	Adjustment on Account of Coal Price Variation for the months (Aug. – Nov 2023, Dec. 2022, Jan. – Feb. 2023, Dec. 2023 & Jan. – March 2024]
16.	ThalNova Power Thar (Pvt.) Limited	Adjustment on Account of Coal Price Variation for the months (Dec. 2022 – April 2024]
17.	Thar Energy Limited	Adjustment on Account of Coal Price Variation for the months (Sep. 2022 – April 2024]
18.	Punjab Thermal Power (Private) Limited	FCA for HSD w.e.f 03 rd July 2023, 10 th November, 2023 & 26 th December 2023 & FCA for RLNG [August 2023 – December 2023 & March 2024]

4. Please note that the notifications will be issued company-wise and also furnish thirty five (35) copies of the Notifications to this Office after publication.

Encl: 18 Notifications

(Engr. Mazhar Iqbal Ranjha)
Registrar