

National Electric Power Regulatory Authority

NOTIFICATION



Islamabad, the ¹²10 day of July, 2024

S.R.O. 1061 (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 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 ThalNova Power Thar (Pvt.) Limited (TNL) and based on the documentary evidences and information submitted by TNL, NEPRA hereby notifies the following adjustments in the approved tariff of TNL:

Annex: NEPRA-I

ThalNova Power Thar (Pvt.) Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of December 2022

Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During November, 2022	15,340	47.59	10,534.05	221.35
Consumption from Purchases During December, 2022	11,471	47.59	10,679.20	224.40
Total Consumption:	26,811	47.59	10,596.15	222.65

*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	10,596.15
Heat Rate	Btu/kWh	9,222	9,222
Heating Value of Thar Coal	MMBTU/Ton	11.005	10.71
Fuel Cost Component		Rs. 4.1244/kWh	Rs. 9.1219/kWh

Reference heating value as per TCEB determination dated Oct 5, 2018, for years 1 -8 is 11.30 Mi/KG (Lily) Reference heating value shall be indexed annually as per TCEB determination
Based on the data declared by Tha/Nova Power Thar (Pvt.) Limited

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ThalNova Power Thar (Pvt.) Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of January 2023

Fuel Price				
Description	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During December, 2022	13,974	47.59	10,679.20	224.40
Consumption from Purchases During January, 2023	51,894	47.59	10,798.17	226.90
Total Consumption:	65,868	47.59	10,772.93	226.37

* 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	10,772.93
Heat Rate	Btu/kWh	9,222	9,222
Heating Value of Thar Coal	MMBTU/Ton	11.005	10.71
Fuel Cost Component		Rs. 4.1244/kWh	Rs. 9.1219/kWh

Reference heating value as per TCEB determination dated Oct 5, 2018, for years 1 -8 is 11.30 Mi/KG (Lily) Reference heating value shall be indexed annually as per TCEB determination
Based on the data declared by Tha/Nova Power Thar (Pvt.) Limited

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ThalNova Power Thar (Pvt.) Limited
Schedule of Fuel Cost Part of Energy Charge
Pre-COD Adjustment on Account of Thar Coal Price Variation for the February 1-16, 2023

Fuel Price				
Description	Quantity	Coal Price*		Exchange Rate
	Tons	US\$/Ton	Rs./ Ton	Rs./ US\$
Coal Consumption:				
Consumption from Purchases During January 2023	18,281	47.59	10,798.17	226.90
Consumption from Purchases During February 1-16, 2023	55,086	47.59	12,770.78	268.35
Total Consumption:	73,367	47.59	12,279.26	258.02

*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	12,279.26
Heat Rate	Btu/kWh	9,222	9,222
Heating Value of Thar Coal	MMBTU/Ton	11.005	10.71
Fuel Cost Component		Rs. 4.1244/kWh	Rs. 10.5709/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 indexed annually as per TCEB determination

Based on the data declared by ThalNova Power Thar (Pvt.) Limited.

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ThalNova Power Thar (Pvt.) Limited
Schedule of Fuel Cost Part of Energy Charge
Post-COD Adjustment on Account of Thar Coal Price Variation for February 17-28, 2023

Fixed Fuel Price				
Description	Invoyed Price	Fixed Coal Price		
	Rs.	US\$/ Ton	Exchange Rate Rs./ US\$	Rs. /Ton
Fixed Fuel Price For 67,857.143 Tons (17-28 Feb 2023)	559,212.625	30.71	268.35	8,241.03
Total	559,212,625	30.71	268.35	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 February 17-28, 2023	48,288	16.88	268.35	4,529.75
Total Consumption:	48,288	16.88	268.35	4,529.75

*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	4,529.75	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	-	-	-	86.4864
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 3.8995/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.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

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ThalNova Power Thar (Pvt.) 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:				
Consumption from Purchases During February 17-28, 2023*	33,644	16.88	268.35	4,529.75
Consumption from Purchases During March, 2023	104,721	14.44	261.95	3,782.56
Total Consumption:	138,365	15.03	263.70	3,964.24

*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	3,964.24	7,827.07
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. 3.4127/kWh	Rs. 5.5468/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.

The Coal Consumption is for the period of 1st to 31st March 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 of March 2023 coal purchases.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

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ThalNova Power Thar (Pvt.) 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 March, 2023	33,419	14.44	261.95	3,782.56
Consumption from Purchases During April, 2023	110,716	14.44	284.20	4,103.85
Total Consumption:	144,135	14.44	279.04	4,029.35

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	4,029.35	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/kWh	Rs. 3.4688/kWh	Rs. 6.2186/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.

The Coal Consumption is for the period of 1st to 30th April 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 of coal purchased in March 2023 and onwards.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

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ThalNova Power Thar (Pvt.) 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 April, 2023	31,048	14.44	284.20	4,103.85
Consumption from Purchases During May, 2023	149,312	14.44	284.30	4,105.29
Total Consumption:	180,360	14.44	284.28	4,105.04

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	4,105.04	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. 3.5339/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.

The Coal Consumption is for the period of 1st 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 of coal purchased in March 2023 and onwards.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

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ThalNova Power Thar (Pvt.) 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	14,578	14.44	284.30	4,105.29
Consumption from Purchases During June, 2023	157,019	14.44	285.85	4,127.67
Total Consumption:	171,597	14.44	285.72	4,125.77

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	4,125.77	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. 3.5518/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.

The Coal Consumption is for the period of 1st 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 of coal purchased in March 2023 and onwards.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

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ThalNova Power Thar (Pvt.) 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	2,984	14.44	285.85	4,127.67
Consumption from Purchases During July, 2023	177,249	14.44	286.40	4,135.62
Total Consumption:	180,233	14.44	286.39	4,135.48

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	4,135.48	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. 3.5601/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.

The Coal Consumption is for the period of 1st 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 of coal purchased in March 2023 and onwards.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

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ThalNova Power Thar (Pvt.) 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	7,775	14.44	286.40	4,135.62
Consumption from Purchases During August, 2023	159,744	14.44	287.10	4,145.72
Total Consumption:	167,519	14.44	287.07	4,145.25

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	4,145.25	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/h	Rs. 3.5685/kWh	Rs. 6.0794/kWh/h

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.

The Coal Consumption is for the period of 1st to 31st August 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 of coal purchased in March 2023 and onwards.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

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ThalNova Power Thar (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	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	274	14.44	287.10	4,145.72
Consumption from Purchases During September, 2023	153,194	14.44	305.75	4,415.03
Total Consumption:	153,468	14.44	305.72	4,414.55

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	4,414.55	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. 3.8004/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.

The Coal Consumption is for the period of 1st to 30th September 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 of coal purchased in March 2023 and onwards.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

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ThalNova Power Thar (Pvt.) Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of October 2023

Description	Fixed Fuel Price			
	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

Description	Variable Fuel Price			
	Quantity	Variable Coal Price		
	Tons	US\$/Ton	Exchange Rate Rs./ US\$	Rs./Ton
Coal Consumption:				
Consumption from Purchases During September, 2023	6,818	14.44	305.75	4,415.03
Consumption from Purchases During October, 2023	70,121	16.38	288.10	4,719.08
Total Consumption:	76,939	16.21	289.49	4,692.14

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	4,692.14	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. 4.0393/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.

The Coal Consumption is for the period of 1st to 31st October 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 of coal purchased in March 2023 and onwards.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

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ThalNova Power Thar (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 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	39,892	16.38	288.10	4,719.08
Consumption from Purchases During November, 2023	103,799	16.38	282.10	4,620.80
Total Consumption:	143,691	16.38	283.77	4,648.08

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	4,648.08	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. 4.0014/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.

The Coal Consumption is for the period of 1st to 30th November 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 of coal purchased in March 2023 and onwards.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

ThalNova Power Thar (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 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	56,233	16.38	282.10	4,620.80
Consumption from Purchases During December, 2023	117,031	16.38	285.65	4,678.95
Total Consumption:	173,264	16.38	284.50	4,660.07

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	4,660.07	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. 4.0117/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.

The Coal Consumption is for the period of 1st to 31st December 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 of coal purchased in March 2023 and onwards.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.



ThalNova Power Thar (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 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	42,979	16.38	285.65	4,678.95
Consumption from Purchases During January, 2024	110,900	16.38	282.30	4,624.07
Total Consumption:	153,879	16.38	283.24	4,639.40

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	4,639.40	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. 3.9939/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.

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

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.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

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ThalNova Power Thar (Pvt.) 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	49,109	16.38	282.30	4,624.07
Consumption from Purchases During February, 2024	94,907	16.38	280.05	4,587.22
Total Consumption:	144,016	16.38	280.82	4,599.79

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	4,599.79	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. 3.9598/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.

The Coal Consumption is for the period of 1st to 29th February 2024.

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.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.



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ThalNova Power Thar (Pvt.) 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	65,095	16.38	280.05	4,587.22
Consumption from Purchases During March, 2024	67,272	16.38	279.60	4,579.85
Total Consumption:	132,367	16.38	279.82	4,583.47

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	4,583.47	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. 3.9458/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.

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

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.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.



ThalNova Power Thar (Pvt.) 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	92,747	16.38	279.60	4,579.85
Consumption from Purchases During April 2024	40,802	16.38	278.50	4,561.83
Total Consumption:	133,549	16.38	279.26	4,574.34

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	4,574.34	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. 3.9379/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.

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

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.

Based on the data declared by ThalNova Power Thar (Pvt.) Ltd.

[Case No. NEPA/TRF 367/TPPL-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