



National Electric Power Regulatory Authority Islamic Republic of Pakistan

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Registrar

No. NEPRA/R/ADG(Trf)/TRF-308/HSRPEL-2015/ 23407-11

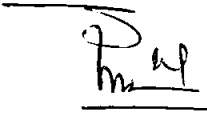
December 8, 2022

Chief Executive
Huaneng Shandong Ruyi (Pakistan) Energy (Pvt.) Ltd.
House No. 4, A, Street No.20,
F-8/2, Islamabad
Phone: (03000 805869, 0310 7878539)

Subject: **Decision of the Authority in the matter of Fuel Price Adjustment for the month of November 2022 for Huaneng Shandong Ruyi (Pakistan) Energy (Private) Limited (HSR) [Case No. NEPRA/TRF-308/HSRPEL-2015]**

Enclosed please find herewith the subject decision of the Authority along with Schedule of Fuel Cost Part of Energy Charge (Annex-I), Details of Local Purchases (Annex-II) and Inland Freight Charges (Annex-III) (04 pages) in the matter of fuel price adjustment on account of Coal price variation for the month of November 2022 in respect of Huaneng Shandong Ruyi (Pakistan) Energy (Private) Limited.

Enclosure: As above


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(Syed Safeer Hussain)

CC:

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, Islamabad.

**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL PRICE ADJUSTMENT
FOR THE MONTH OF NOVEMBER 2022 FOR HUANENG SHANDONG RUYI
(PAKISTAN) ENERGY PRIVATE LIMITED.**

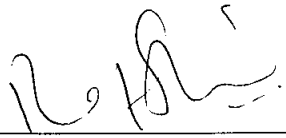
1. Pursuant to the Authority's decision dated March 31, 2015 in the matter of Approval of Upfront Coal Tariff for 2x660 MW coal power plant of Huaneng Shandong Ruyi (Pakistan) Energy Private Limited (HSRPEL), decision dated September 23, 2016 regarding Suo Moto Review Proceedings in the Fuel Price Adjustment Mechanism, decision dated February 15, 2018 regarding inland freight charges, decision dated January 17, 2019 in the matter of tariff adjustment at Commercial Operation Date (COD) of HSRPEL and decisions dated August 22, 2019 & May 6, 2021 in the matter of motion for leave for review regarding fuel price adjustments, the fuel portion of the energy charge part of HSRPEL's tariff has been adjusted for variation in coal price(s). HSRPEL requested weighted average coal price of Rs. 77,364/Ton for coal consumed during the month of November 2022. HSRPEL requested fuel cost component of Rs. 31.1848/kWh for November 2022.
2. In accordance with the prescribed mechanism, the revised coal prices for each consignment has been worked out and are attached as Annexure to this decision. The revised fuel cost component of energy charge part of HSRPEL's tariff indicated hereunder shall be immediately applicable to units delivered during the month.

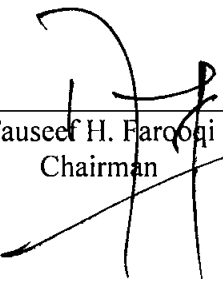
Period	Fuel Cost Component (Rs./kWh)	
	Reference	Revised
November 2022	4.9135	30.0764

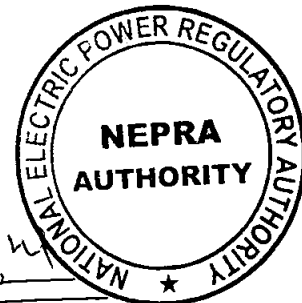
3. Fuel cost component allowed to HSR is on provisional basis and shall be subject to adjustment/refund, if necessary, in light of final decision of the Authority in the matter of complaint(s) received against the bidding process followed by HSR.
4. The above referred revised fuel cost component along with revised coal prices and revised inland freight charges attached as **Annex-I, Annex-II & Annex-III** respectively 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.
5. CPPA (G) to ensure that all payments are consistent with the tariff determination(s).

AUTHORITY


Engr. Maqsood Anwar Khan
Member


Engr. Rafique Ahmed Shaikh
Member


Tauseef H. Farooqi
Chairman



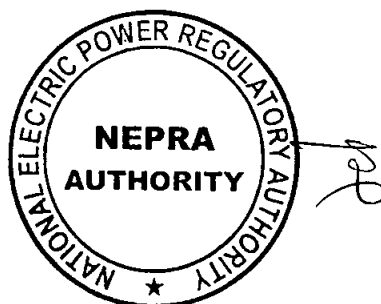
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Huaneng Shandong Ruyi Energy (Private) Company Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Coal Price Variation for the Month of November 2022

Description	Quantity	Net CV	Coal Price		Exchange Rate
	Ton	kCal/Kg	US\$/Ton	Rs/Ton	Rs./US\$
Consumption from Stock:					
Consumption from Local Purchase (PSL 35)	1,426	5,658	341.82	75,988	222.30
Consumption from Local Purchase (PSL 36)	2,873	5,778	349.51	77,696	222.30
Consumption from Local Purchase (PSL 37)	566	5,545	337.83	75,099	222.30
Consumption from Local Purchase (Awan 20)	8,153	5,538	345.72	76,853	222.30
Consumption from Local Purchase (Awan 21)	7,050	5,315	341.19	75,846	222.30
Total Consumption	20,068	5,503	344.17	76,509	222.30

Description	Unit	Reference	Previous	Revised
Avg. price of stock consumed during the month	Rs./Ton	13,605	75,393	76,509
Avg. net calorific value of stock consumed during the month	kCal/Kg	5,990	5,733	5,503
Avg. net calorific value of stock consumed during the month	BTU/Kg	23,768	22,751	21,836
Net Heat Rates	BTU/kWh	8,584	8,584	8,584
Revised Fuel Cost Component	Rs./kWh	4.9135	28.4462	30.0764

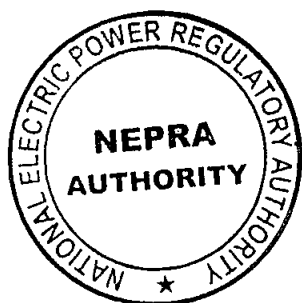
Note: The above adjustment of fuel cost component on coal shall be subject to verification by a consultant/Independent third party to be appointed for the purpose by the Authority. In case the verified delivered coal price is different, the fuel cost component shall be revised accordingly.



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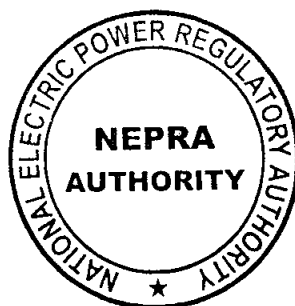
Huaneng Shandong Ruyi Energy (Private) Company Limited
Details of Local Purchases
For the Month of November 2022

Consignment Detail		PSL 36	PSL 37	Awan-20	Awan-21
Invoice Date		26-Sep-22	3-Oct-22	26-Sep-22	3-Oct-22
Quantity	MT	2,873	15,601	8,167	7,006
Price as per Quotation	Rs./Ton	74,000	74,000	74,000	74,000
Base Calorific Value (GCV)	kCal/Kg	6,500	6,500	6,500	6,500
Actual Calorific Value (GCV)	kCal/Kg	6,544	6,278	6,390	6,294
NCV Tested by SGS	kCal/Kg	5,778	5,545	5,538	5,315
Coal Price Adjusted for GCV	Rs./Ton	74,501	71,473	72,748	71,655
Adjustment for Ash Content/Moisture/Discount	Rs./Ton	-	(17)	-	(1,059)
Adjusted Coal Price	Rs./Ton	74,501	71,456	72,748	70,596
Inspection Charges	Rs./Ton	15.50	15.50	15.50	15.50
Inland Freight Charges	Rs./Ton	3,179	3,628	3,961	5,234
Delivered Coal Price before adjustment of Handling Loss	Rs./Ton	77,696	75,099	76,724	75,846
Handling Loss 1% or actual whichever is minimum	Rs./Ton	-	-	129	-
Delivered Coal Price with losses at Power Plant	Rs./Ton	77,696	75,099	76,853	75,846
Notional Exchange Rate (August 2022)	Rs./US\$	222.30	222.30	222.30	222.30
Delivered Coal Price	US\$/Ton	349.51	337.83	345.72	341.19



Huaneng Shandong Ruyi Energy (Private) Company Limited
Inland Freight Charges
For the Month of November 2022

Description	Reference	Revised			
		Local/Afghanistan			
		Kushal Kot	Kundiyan	Khairabad	Pipri
Fixed Freight Charges (FFC)	1.77	2.21	2.21	2.21	2.21
Variable Freight Charges (VFC)	0.81	1.60	1.60	1.60	1.60
(i) Fuel	0.40	1.09	1.09	1.09	1.09
(ii) O&M	0.40	0.51	0.51	0.51	0.51
Other Freight Charges Component	0.72	0.72	0.72	0.72	0.72
Profit Margin	0.23	0.23	0.23	0.23	0.23
Total Freight Charges (Rs/Ton/km)	3.53	4.76	4.76	4.76	4.76
Distance (Km)	1,060	892	512	826	1,060
Total Freight Charges (Rs/Ton)	3,743	4,246	2,437	3,932	5,046
Indexation Values:					
Consumer Price Index Base Year 2015-16	131.67	164.45	164.45	164.45	164.45
HSD Price (Rs./Liter)	87.12	235.30	235.30	235.30	235.30
Spurline Component:					
Spurline Component (Rs./ton)	189.82	188.70	188.70	188.70	188.70
Total Quantity Handeled (Tons)	302,087	303,884	303,884	303,884	303,884
Inland Freight Charges with Spurline (Rs/Ton)	3,933	4,435	2,626	4,120	5,234
Handling Month	-	Oct-22	Oct-22	Oct-22	Oct-22



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