

**TO BE PUBLISHED IN THE GAZETTE OF PAKISTAN**  
**EXTRA ORDINARY, PART-II**

**National Electric Power Regulatory Authority**

**NOTIFICATION**



Islamabad, the 20 day of October, 2023

S.R.O. 1473 (I)/2023.- Pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 and pursuant to the Authority's decisions dated 31<sup>st</sup> March 2015 notified vide S.R.O 560(I)/2015 dated June 01, 2015 in the matter of approval of upfront coal tariff for 2x660 MW coal power plant of Huaneng Shandong Ruyi (Pakistan) Energy Private Limited (HSR), NEPRA hereby notifies the following adjustments in the approved tariff of HSR:

**Annex: NEPRA-LXXIV-A**

**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 April 2023**

Description	Quantity	Net CV	Coal Price		Exchange Rate
	Ton	kCal/Kg	US\$/Ton	Rs/Ton	Rs./US\$
<b>Consumption from Stock:</b>					
Consumption from Shipment No. HSR 331	20,539	5,811	403.77	88,591	219.41
Consumption from Shipment No. HSR 332	43,360	5,723	413.08	84,664	204.96
Consumption from Shipment No. HSR 333	16,584	5,501	366.19	80,345	219.41
<b>Total Consumption</b>	<b>80,483</b>	<b>5,700</b>	<b>401.04</b>	<b>84,776</b>	<b>211.39</b>

Description	Unit	Reference Jan 17, 2019	Previous	Revised
Avg. price of stock consumed during the month	Rs./Ton	13,605	80,788	84,776
Avg. net calorific value of stock consumed during the month	kCal/Kg	5,990	5,666	5,700
Avg. net calorific value of stock consumed during the month	BTU/Kg	23,768	22,482	22,618
Net Heat Rates	BTU/kWh	8,584	8,584	8,584
<b>Revised Fuel Cost Component</b>	<b>Rs./kWh</b>	<b>4.9135</b>	<b>30.8459</b>	<b>32.1745</b>

- 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.
- Based on data declared by Huaneng Shandong Ruyi Energy (Private) Company Limited.
- The coal consumption is for the period March 16, 2023 to April 15, 2023.

## Huaneng Shandong Ruyi Energy (Private) Company Limited

## Details of Shipments

For the Month of April 2023

Shipment Number		HSR 332	HSR 333
Vessel Name		KM WEIPA	STAR SUBARU
Bill of Lading (B/L) Date		28-Jun-22	11-Jul-22
L/C / TT Number		-	-
Origin		South Africa	South Africa
API-4 Index for the month of B/L Date	US\$/Ton	327.58	328.79
Coal Price Differential to API 4 for the month of B/L	US\$/Ton	(11.29)	(62.47)
Fixed Price	US\$/Ton	316.29	266.32
Base Calorific Value	kCal/Kg	6,000	5,500
Actual Calorific Value	kCal/Kg	5,723	5,501
Quantity	MT	43,798	58,577
FOB Coal Price API-4 Index as per B/L month Adjusted for CV	US\$/Ton	301.69	266.37
Marine Freight Charges	US\$/Ton	43.52	29.01
Marine Insurance	US\$/Ton	0.33	0.30
CIF Coal Price	US\$/Ton	345.54	295.68
Handling Loss 1% or actual whichever is minimum	US\$/Ton	-	-
CIF Coal Price with losses at Karachi	US\$/Ton	345.54	295.68
Other Charges:	US\$/Ton	35.06	39.77
(i) Port Handling Charges	US\$/Ton	4.23	4.48
(ii) Port Qasim Royalty Charge	US\$/Ton	2.52	2.50
(iii) Customs Duties & Cess	US\$/Ton	26.45	27.36
(iv) PDA Charges at Load Port	US\$/Ton	0.66	0.51
(v) PDA Charges at Discharge Port	US\$/Ton	0.97	0.62
(vi) Freight Forwarding/Custom Clearance	US\$/Ton	0.02	0.02
(vii) Wharfage Charges	US\$/Ton	0.17	0.15
(viii) Commodity & Ash Fusion Temperature Inspection	US\$/Ton	0.04	0.03
(x) Transportation & Loading Charges	US\$/Ton	-	4.09
Inland Freight Charges	US\$/Ton	28.39	27.11
Delivered Coal Price before adjustment of Handling Loss	US\$/Ton	408.99	362.56
Handling Loss 1% or actual whichever is minimum	US\$/Ton	4.09	3.63
Delivered Coal Price with losses at Power Plant	US\$/Ton	413.08	366.19
Exchange Rate	Rs./US\$	204.96	219.41
Delivered Coal Price with losses at Power Plant	Rs./Ton	84,664	80,345

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**Annex: NEPRA-LXXIV-C**

**Huaneng Shandong Ruyi Energy (Private) Company Limited  
Marine Freight Calculation  
For the Month of April 2023**

Description		HSR 332	HSR 333
		KM WEIPA	STAR SUBARU
		PQA	PIBT
Delivery Days:			
Voyage	Days	27.04	27.04
At Port	Days	6.84	4.91
Total Delivery Days	Days	33.88	31.94
Average Time Charter Rate	US\$/Day	27,167	23,797
Time Charter Cost	US\$	920,352	760,139
Bunker Consumption:			
Bunker during Voyage	Ton	878.72	878.72
Bunker during Port Days	Ton	34.20	24.53
Total	Ton	912.92	903.24
Bunker Price	\$/Ton	1,080.00	1,040.00
Bunker Cost	US\$	985,951	939,374
Total Voyage Expense	US\$	1,906,303	1,699,513
Quantity	Tons	43,798	58,577
<b>Marine Freight</b>	<b>US\$/Ton</b>	<b>43.52</b>	<b>29.01</b>

\*PDA Charges both at Load and Discharge Ports have been included in Other Charges.

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**Huaneng Shandong Ruyi Energy (Private) Company Limited**  
**Inland Freight Charges**  
**For the Month of April 2023**

Description	Reference	Revised	
Fixed Freight Charges (FFC)	1.77	2.56	2.56
Variable Freight Charges (VFC)	0.81	1.68	1.66
(i) Fuel	0.40	1.09	1.07
(ii) O&M	0.40	0.59	0.59
Other Freight Charges Component	0.72	0.72	0.72
Profit Margin	0.23	0.23	0.23
<b>Total Freight Charges (Rs/Ton/km)</b>	<b>3.53</b>	<b>5.19</b>	<b>5.18</b>
Distance (Km)	1,060	1,060	1,060
<b>Total Freight Charges (Rs/Ton)</b>	<b>3,743</b>	<b>5,505</b>	<b>5,486</b>
<b>Indexation Values:</b>			
Consumer Price Index Base Year 2015-16	131.67	190.67	190.67
HSD Price (Rs./Liter)	87.12	235.30	231.43
<b>Spurline Component:</b>			
Spurline Component (Rs./ton)	189.82	313.91	463.11
Total Quantity Handeled (Tons)	302,087	182,674	123,819
<b>Inland Freight Charges with Spurline (Rs/Ton)</b>	<b>3,933</b>	<b>5,819</b>	<b>5,949</b>
Exchange Rate	-	204.96	219.41
<b>Inland Freight Charges with Spurline (USD/Ton)</b>	<b>-</b>	<b>28.39</b>	<b>27.11</b>
Handling Month	-	Nov-22	Dec-22

[Case No. NEPRA/TRF-308/HSRPEL-2015]

  
**(Engr. Mazhar Iqbal Ranjha)**  
 Registrar