

National Electric Power Regulatory Authority

NOTIFICATION



Islamabad, the 10th day of May, 2023

S.R.O. 574 (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 31st 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-LXXI-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 December 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 37)	15,035	5,545	337.83	75,099	222.30
Consumption from Local Purchase (Awan 22)	566	5,426	322.17	71,587	222.20
Consumption from Local Purchase (Awan 23)	14,298	5,768	336.47	74,764	222.20
Consumption from Local Purchase (Awan 24)	2,354	5,575	319.18	70,921	222.20
Total Consumption	32,253	5,644	335.59	74,584	222.25

Description	Unit	Reference	Previous	Revised
Avg. price of stock consumed during the month	Rs./Ton	13,605	76,509	74,584
Avg. net calorific value of stock consumed during the month	kCal/Kg	5,990	5,503	5,644
Avg. net calorific value of stock consumed during the month	BTU/Kg	23,768	21,836	22,397
Net Heat Rates	BTU/kWh	8,584	8,584	8,584
Revised Fuel Cost Component	Rs./kWh	4.9135	30.0764	28.5859

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.

Based on data declared by Huaneng Shandong Ruyi Energy (Private) Company Limited

The coal consumption is for the period December 1, 2022 to December 31, 2022

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

Consignment Detail		Awan-22	Awan-23	Awan-24
Invoice Date		3-Oct-22	20-Oct-22	22-Nov-22
Quantity	MT	565	14,298	5,145
Price as per Quotation	Rs./Ton	70,000	70,000	70,000
Base Calorific Value (GCV)	kCal/Kg	6,500	6,500	6,500
Actual Calorific Value (GCV)	kCal/Kg	6,452	6,639	6,303
NCV Tested by SGS	kCal/Kg	5,426	5,768	5,575
Coal Price Adjusted for GCV	Rs./Ton	69,483	71,497	67,878
Adjustment for Moisture	Rs./Ton	(325)	-	-
Adjusted Coal Price	Rs./Ton	69,158	71,497	67,878
Inspection Charges	Rs./Ton	15.50	15.50	15.50
Inland Freight Charges	Rs./Ton	5,359	3,252	3,027
Delivered Coal Price before adjustment of Handling Loss	Rs./Ton	74,533	74,764	70,921
Handling Loss 1% or actual whichever is minimum	Rs./Ton	-	-	-
Delivered Coal Price with losses at Power Plant	Rs./Ton	74,533	74,764	70,921
Adjustment against Benchmark Price of Imported Coal	Rs./Ton	(2,946)	-	-
Net Delivered Coal Price	Rs./Ton	71,587	74,764	70,921
Notional Exchange Rate (2nd Week of September 2022)	Rs./US\$	222.20	222.20	222.20
Net Delivered Coal Price	US\$/Ton	322.17	336.47	319.18

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

Description	Reference	Revised		
		Local/Afghanistan		
		Pipri	Kundiyan	Khairabad
Fixed Freight Charges (FFC)	1.77	2.21	2.21	2.21
Variable Freight Charges (VFC)	0.81	1.65	1.60	1.60
(i) Fuel	0.40	1.15	1.09	1.09
(ii) O&M	0.40	0.51	0.51	0.51
Other Freight Charges Component	0.72	0.72	0.72	0.72
Profit Margin	0.23	0.23	0.23	0.23
Total Freight Charges (Rs/Ton/km)	3.53	4.82	4.76	4.76
Distance (Km)	1,060	1,060	512	826
Total Freight Charges (Rs/Ton)	3,743	5,105	2,437	3,932
Indexation Values:				
Consumer Price Index Base Year 2015-16	131.67	164.45	164.45	164.45
HSD Price (Rs./Liter)	87.12	247.43	235.30	235.30
Spurline Component:				
Spurline Component (Rs./ton)	189.82	253.76	188.70	188.70
Total Quantity Handeled (Tons)	302,087	225,973	303,884	303,884
Inland Freight Charges with Spurline (Rs/Ton)	3,933	5,359	2,626	4,120
Handling Month	-	Sep-22	Oct-22	Oct-22

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 January 2023

Description	Quantity	Net CV	Coal Price		Exchange Rate
	Ton	kCal/Kg	US\$/Ton	Rs/Ton	Rs./US\$
Consumption from Stock:					
Consumption from Shipment No. HSR 328	43,556	5,780	421.99	82,705	195.99
Consumption from Shipment No. HSR 329	41,381	5,690	402.74	82,546	204.96
Consumption from Shipment No. HSR 330	957	5,587	371.07	81,417	219.41
Consumption from Local Purchase (Awan 24)	2,791	5,575	323.49	71,880	222.20
Consumption from Local Purchase (Awan 25)	2,332	5,644	332.50	73,882	222.20
Consumption from Local Purchase (Awan 26)	5,724	5,719	332.05	73,783	222.20
Consumption from Local Purchase (Awan 27)	7,093	5,602	328.51	72,995	222.20
Consumption from Local Purchase (Awan 28)	3,811	5,758	334.98	74,434	222.20
Consumption from Local Purchase (Awan 29)	786	5,781	328.65	73,025	222.20
Consumption from Local Purchase (Awan 30)	327	5,407	321.27	71,387	222.20
Consumption from Local Purchase (PSL 38)	8,622	5,658	347.75	77,305	222.30
Consumption from Local Purchase (PSL 39)	12,913	5,670	342.59	76,157	222.30
Consumption from Local Purchase (PSL 40)	4,242	5,630	344.54	76,592	222.30
Consumption from Local Purchase (PSL 41)	9,783	5,522	339.23	75,410	222.30
Consumption from Local Purchase (PSL 42)	9,343	5,645	343.73	76,411	222.30
Consumption from Local Purchase (PSL 43)	8,459	5,737	349.96	77,795	222.30
Consumption from Local Purchase (PSL 44)	11,975	5,575	323.92	71,975	222.20
Consumption from Local Purchase (PSL 45)	5,057	5,918	360.44	80,126	222.30
Consumption from Local Purchase (PSL 46)	5,015	5,620	325.50	72,325	222.20
Consumption from Local Purchase (PSL 47)	10,415	5,669	325.17	72,253	222.20
Consumption from Local Purchase (PSL 48)	1,793	5,523	304.35	67,628	222.20
Consumption from Local Purchase (PSL 49)	5,908	5,691	326.35	72,514	222.20
Total Consumption	202,283	5,688	368.39	78,059	211.89

Description	Unit	Reference Jan 17, 2019	Previous	Revised
Avg. price of stock consumed during the month	Rs./Ton	13,605	74,584	78,059
Avg. net calorific value of stock consumed during the month	kCal/Kg	5,990	5,644	5,688
Avg. net calorific value of stock consumed during the month	BTU/Kg	23,768	22,397	22,572
Net Heat Rates	BTU/kWh	8,584	8,584	8,584
Revised Fuel Cost Component	Rs./kWh	4.9135	28.5859	29.6852

- 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 January 1, 2023 to January 25, 2023.

Huaneng Shandong Ruyi Energy (Private) Company Limited
Details of Shipments
For the Month of January 2023

Shipment Number		HSR 328	HSR 329	HSR 330
Vessel Name		BULK POLARIS	AFRICAN PUFFIN	AGONISTIS
Bill of Lading (B/L) Date		12-May-22	12-Jun-22	14-Jul-22
L/C / TT Number		-	-	-
Origin		South Africa	South Africa	South Africa
API-4 Index for the month of B/L Date	US\$/Ton	322.96	327.58	328.79
Coal Price Differential to API 4 for the month of B/L	US\$/Ton	(0.02)	(43.90)	(62.47)
Fixed Price	US\$/Ton	322.94	283.68	266.32
Base Calorific Value	kCal/Kg	6,000	5,500	5,500
Actual Calorific Value	kCal/Kg	5,780	5,690	5,587
Quantity	MT	44,000	41,803	42,011
FOB Coal Price API-4 Index as per B/L month Adjusted for CV	US\$/Ton	311.10	293.48	270.53
Adjustment for Sulphur Content	US\$/Ton	-	(0.06)	(0.09)
Marine Freight Charges	US\$/Ton	41.42	46.42	39.85
Marine Insurance	US\$/Ton	0.33	0.30	0.31
CIF Coal Price	US\$/Ton	352.84	340.14	310.61
Handling Loss 1% or actual whichever is minimum	US\$/Ton	-	-	-
CIF Coal Price with losses at Karachi	US\$/Ton	352.84	340.14	310.61
Other Charges:	US\$/Ton	38.26	32.47	32.37
(i) Port Handling Charges	US\$/Ton	4.23	4.23	4.23
(ii) Port Qasim Royalty Charge	US\$/Ton	2.40	2.52	2.52
(iii) Customs Duties & Cess	US\$/Ton	29.57	23.82	23.66
(iv) PDA Charges at Load Port	US\$/Ton	0.97	0.90	0.91
(v) PDA Charges at Discharge Port	US\$/Ton	0.85	0.78	0.85
(vi) Freight Forwarding/Custom Clearance	US\$/Ton	0.02	0.02	0.02
(vii) Wharfage Charges	US\$/Ton	0.17	0.17	0.15
(viii) Commodity & Ash Fusion Temperature Inspection	US\$/Ton	0.04	0.04	0.03
Inland Freight Charges	US\$/Ton	26.71	26.15	24.43
Delivered Coal Price before adjustment of Handling Loss	US\$/Ton	417.81	398.75	367.40
Handling Loss 1% or actual whichever is minimum	US\$/Ton	4.18	3.99	3.67
Delivered Coal Price with losses at Power Plant	US\$/Ton	421.99	402.74	371.07
Exchange Rate	Rs./US\$	195.99	204.96	219.41
Delivered Coal Price with losses at Power Plant	Rs./Ton	82,705	82,546	81,417

Huaneng Shandong Ruyi Energy (Private) Company Limited

Details of Local Purchases

For the Month of January 2023

Consignment Detail		Awan-25	Awan-26	Awan-27	Awan-28	Awan-29	Awan-30	PSL-38	PSL-39	PSL-40	PSL-41	PSL-42	PSL-43	PSL-44	PSL-45	PSL-46	PSL-47	PSL-48	PSL-49
Invoice Date		31-Oct-22	22-Nov-22	22-Nov-22	3-Nov-22	14-Nov-22	2-Dec-22	3-Oct-22	10-Oct-22	10-Oct-22	20-Oct-22	20-Oct-22	1-Nov-22	1-Nov-22	1-Nov-22	3-Nov-22	3-Nov-22	10-Nov-22	14-Nov-22
Quantity	MT	2,332	5,724	7,093	3,811	786	365	8,622	12,913	4,242	9,783	9,343	8,459	11,975	5,057	5,015	10,415	1,793	5,908
Price as per Quotation	Rs./Ton	70,000	70,000	70,000	70,000	70,000	70,000	74,000	74,000	74,000	74,000	74,000	74,000	70,000	74,000	70,000	70,000	70,000	70,000
Base Calorific Value (GCV)	kCal/Kg	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500
Actual Calorific Value (GCV)	kCal/Kg	6,548	6,515	6,482	6,530	6,524	6,290	6,432	6,378	6,419	6,335	6,407	6,513	6,346	6,690	6,430	6,390	6,033	6,345
NCV Tested by SGS	kCal/Kg	5,644	5,719	5,602	5,758	5,781	5,407	5,658	5,670	5,630	5,522	5,645	5,737	5,575	5,918	5,620	5,669	5,523	5,691
Coal Price Adjusted for GCV	Rs./Ton	70,517	70,162	69,806	70,323	70,258	67,738	73,226	72,611	73,078	72,122	72,941	74,148	68,342	76,163	69,246	68,815	64,971	68,331
Adjustment for Ash	Rs./Ton	-	-	-	-	-	-	-	(1)	-	(19)	-	-	(5)	-	(134)	-	(110)	-
Adjusted Coal Price	Rs./Ton	70,517	70,162	69,806	70,323	70,258	67,738	73,226	72,610	73,078	72,102	72,941	74,148	68,337	76,163	69,112	68,815	64,861	68,331
Inspection Charges	Rs./Ton	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
Inland Freight Charges	Rs./Ton	3,395	3,606	3,173	4,095	2,751	5,360	4,063	3,532	3,499	3,292	3,454	3,632	3,623	3,947	3,197	3,422	2,751	4,168
Delivered Coal Price before adjustment of Handling Loss	Rs./Ton	73,927	73,783	72,995	74,434	73,025	73,114	77,305	76,157	76,592	75,410	76,411	77,795	71,975	80,126	72,325	72,253	67,628	72,514
Handling Loss 1% or actual whichever is minimum	Rs./Ton	-	-	-	-	-	731	-	-	-	-	-	-	-	-	-	-	-	-
Delivered Coal Price with losses at Power Plant	Rs./Ton	73,927	73,783	72,995	74,434	73,025	73,845	77,305	76,157	76,592	75,410	76,411	77,795	71,975	80,126	72,325	72,253	67,628	72,514
Adjustment against Benchmark Price of Imported Coal	Rs./Ton	(45)	-	-	-	-	(2,458)	-	-	-	-	-	-	-	-	-	-	-	-
Net Delivered Coal Price	Rs./Ton	73,882	73,783	72,995	74,434	73,025	71,387	77,305	76,157	76,592	75,410	76,411	77,795	71,975	80,126	72,325	72,253	67,628	72,514
Notional Exchange Rate	Rs./US\$	222.20	222.20	222.20	222.20	222.20	222.20	222.30	222.30	222.30	222.30	222.30	222.30	222.20	222.30	222.20	222.20	222.20	222.20
Net Delivered Coal Price	US\$/Ton	332.50	332.05	328.51	334.98	328.65	321.27	347.75	342.59	344.54	339.23	343.73	349.96	323.92	360.44	325.50	325.17	304.35	326.35

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

Description		HSR 328	HSR 329	HSR 330
		BULK POLARIS	AFRICAN PUFFIN	AGONISTIS
		PQA	PQA	PQA
Delivery Days:				
Voyage	Days	27.04	27.04	27.04
At Port	Days	6.87	6.64	6.64
Total Delivery Days	Days	33.90	33.68	33.68
Average Time Charter Rate	US\$/Day	30,053	29,738	22,845
Time Charter Cost	US\$	1,018,922	1,001,501	769,362
Bunker Consumption:				
Bunker during Voyage	Ton	878.72	878.72	878.72
Bunker during Port Days	Ton	34.33	33.20	33.20
Total	Ton	913.05	911.92	911.92
Bunker Price	\$/Ton	880.00	1,055.00	1,005.00
Bunker Cost	US\$	803,486	962,074	916,478
Total Voyage Expense	US\$	1,822,408	1,963,576	1,685,841
Quantity	Tons	44,000	42,300	42,300
Marine Freight	US\$/Ton	41.42	46.42	39.85
*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 January 2023

Description	Reference	Revised								
		Kushal Kot			Kundiyan			Khairabad	Pipri	
Fixed Freight Charges (FFC)	1.77	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21
Variable Freight Charges (VFC)	0.81	1.65	1.60		1.65	1.60	1.60	1.60	1.60	1.60
(i) Fuel	0.40	1.15	1.09	1.09	1.15	1.09	1.09	1.09	1.09	1.09
(ii) O&M	0.40	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Other Freight Charges Component	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
Profit Margin	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
Total Freight Charges (Rs/Ton/km)	3.53	4.82	4.76	3.16	4.82	4.76	4.76	4.76	4.76	4.76
Distance (Km)	1,060	892	892	892	512	512	512	826	1,060	1,060
Total Freight Charges (Rs/Ton)	3,743	4,296	4,246	2,822	2,466	2,437	2,437	3,932	5,046	5,046
Indexation Values:										
Consumer Price Index Base Year 2015-16	131.67	164.45	164.45	164.45	164.45	164.45	164.45	164.45	164.45	164.45
HSD Price (Rs./Liter)	87.12	247.43	235.30	235.30	247.43	235.30	235.30	235.30	235.30	235.30
Spurline Component:										
Spurline Component (Rs./ton)	189.82	253.76	188.70	313.91	253.76	188.70	313.91	188.70	188.70	313.91
Total Quantity Handeled (Tons)	302,087	225,973	303,884	182,674	225,973	303,884	182,674	303,884	303,884	182,674
Inland Freight Charges with Spurline (Rs/Ton)	3,933	4,550	4,435	3,136	2,720	2,626	2,751	4,120	5,234	5,360
Exchange Rate	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	195.99	204.96
Inland Freight Charges with Spurline (USD/Ton)	-	-	-	-	-	-	-	-	26.71	26.15
Handling Month	-	Sep-22	Oct-22	Nov-22	Sep-22	Oct-22	Nov-22	Oct-22	Oct-22	Nov-22

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 February 2023

Description	Quantity	Net CV	Coal Price		Exchange Rate
	Ton	kCal/Kg	US\$/Ton	Rs/Ton	Rs./US\$
Consumption from Stock:					
Consumption from Shipment No. HSR 330	40,634	5,587	371.07	81,417	219.41
Consumption from Shipment No. HSR 331	21,101	5,811	403.77	88,591	219.41
Consumption from Local Purchase (Moiz 1)	11,521	5,613	321.02	71,331	222.20
Consumption from Local Purchase (Moiz 2)	5,356	5,685	322.64	71,690	222.20
Consumption from Local Purchase (Moiz 3)	4,687	5,797	332.38	73,854	222.20
Total Consumption	83,300	5,666	367.14	80,788	220.05

Description	Unit	Reference Jan 17, 2019	Previous	Revised
Avg. price of stock consumed during the month	Rs./Ton	13,605	78,059	80,788
Avg. net calorific value of stock consumed during the month	kCal/Kg	5,990	5,688	5,666
Avg. net calorific value of stock consumed during the month	BTU/Kg	23,768	22,572	22,482
Net Heat Rates	BTU/kWh	8,584	8,584	8,584
Revised Fuel Cost Component	Rs./kWh	4.9135	29.6852	30.8459

- 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 January 26, 2023 to February 20, 2023.

Huaneng Shandong Ruyi Energy (Private) Company Limited
Details of Shipmnets
For the Month of February 2023

Shipment Number		HSR 331
Vessel Name		AFRICAN STARLING
Bill of Lading (B/L) Date		14-Jul-22
L/C / TT Number		-
Origin		South Africa
API-4 Index for the month of B/L Date	US\$/Ton	328.79
Coal Price Differential to API 4 for the month of B/L	US\$/Ton	(18.71)
Fixed Price	US\$/Ton	310.08
Base Calorific Value	kCal/Kg	6,000
Actual Calorific Value	kCal/Kg	5,811
Quantity	MT	42,061
FOB Coal Price API-4 Index as per B/L month Adjusted for CV	US\$/Ton	300.31
Marine Freight Charges	US\$/Ton	32.43
Marine Insurance	US\$/Ton	0.33
CIF Coal Price	US\$/Ton	333.08
Handling Loss 1% or actual whichever is minimum	US\$/Ton	-
CIF Coal Price with losses at Karachi	US\$/Ton	333.08
Other Charges:	US\$/Ton	37.82
(i) Port Handling Charges	US\$/Ton	4.60
(ii) Port Qasim Royalty Charge	US\$/Ton	2.57
(iii) Customs Duties & Cess	US\$/Ton	25.01
(iv) PDA Charges at Load Port	US\$/Ton	0.74
(v) PDA Charges at Discharge Port	US\$/Ton	0.46
(vi) Freight Forwarding/Custom Clearance	US\$/Ton	0.02
(vii) Wharfage Charges	US\$/Ton	0.15
(viii) Commodity & Ash Fusion Temperature Inspection	US\$/Ton	0.03
(x) Transportation & Loading Charges	US\$/Ton	4.24
Inland Freight Charges	US\$/Ton	28.87
Delivered Coal Price before adjustment of Handling Loss	US\$/Ton	399.77
Handling Loss 1% or actual whichever is minimum	US\$/Ton	4.00
Delivered Coal Price with losses at Power Plant	US\$/Ton	403.77
Exchange Rate	Rs./US\$	219.41
Delivered Coal Price with losses at Power Plant	Rs./Ton	88,591

Huaneng Shandong Ruyi Energy (Private) Company Limited
Details of Local Purchases
For the Month of February 2023

Consignment Detail		Moiz-1	Moiz-2	Moiz-3
Invoice Date		13-Nov-22	14-Nov-22	15-Nov-22
Quantity	MT	11,521	5,356	4,687
Price as per Quotation	Rs./Ton	70,000	70,000	70,000
Base Calorific Value (GCV)	kCal/Kg	6,500	6,500	6,500
Actual Calorific Value (GCV)	kCal/Kg	6,375	6,400	6,601
NCV Tested by SGS	kCal/Kg	5,613	5,685	5,797
Coal Price Adjusted for GCV	Rs./Ton	68,654	68,923	71,088
Inspection Charges	Rs./Ton	15.5	15.5	15.5
Inland Freight Charges	Rs./Ton	2,662	2,751	2,751
Delivered Coal Price with losses at Power Plant	Rs./Ton	71,331	71,690	73,854
Notional Exchange Rate	Rs./US\$	222.20	222.20	222.20
Net Delivered Coal Price	US\$/Ton	321.02	322.64	332.38




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

Description		HSR 331
		AFRICAN STARLING
		PIBT
Delivery Days:		
Voyage	Days	27.04
At Port	Days	4.33
Total Delivery Days	Days	31.37
Average Time Charter Rate	US\$/Day	22,845
Time Charter Cost	US\$	716,667
Bunker Consumption:		
Bunker during Voyage	Ton	878.72
Bunker during Port Days	Ton	21.67
Total	Ton	900.39
Bunker Price	\$/Ton	1,005.00
Bunker Cost	US\$	904,887
Total Voyage Expense	US\$	1,621,554
Quantity	Tons	50,000
Marine Freight	US\$/Ton	32.43

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

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

Description	Reference	Revised		
		Kundiyan	Pipri	
Fixed Freight Charges (FFC)	1.77	2.21	2.21	2.56
Variable Freight Charges (VFC)	0.81	1.60	1.60	1.62
(i) Fuel	0.40	1.09	1.09	1.04
(ii) O&M	0.40	0.51	0.51	0.59
Other Freight Charges Component	0.72	0.72	0.72	0.72
Profit Margin	0.23	0.23	0.23	0.23
Total Freight Charges (Rs/Ton/km)	3.53	4.76	4.76	5.14
Distance (Km)	1,060	512	512	1,060
Total Freight Charges (Rs/Ton)	3,743	2,437	2,437	5,448
Indexation Values:				
Consumer Price Index Base Year 2015-16	131.67	164.45	164.45	190.67
HSR Price (Rs./Liter)	87.12	235.30	235.30	223.84
Spurline Component:				
Spurline Component (Rs./ton)	189.82	188.70	313.91	886.10
Total Quantity Handeled (Tons)	302,087	303,884	182,674	64,713
Inland Freight Charges with Spurline (Rs/Ton)	3,933	2,626	2,751	6,335
Exchange Rate	-	N/A	N/A	219.41
Inland Freight Charges with Spurline (USD/Ton)	-	-	-	28.87
Handling Month	-	Oct-22	Nov-22	Jan-23

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

(Engr. Mazhar Iqbal Ranjha)
Registrar