

REGISTERED No. M - 302
L.-7646



EXTRAORDINARY
PUBLISHED BY AUTHORITY

ISLAMABAD, THURSDAY, JANUARY 1, 2022

PART II

Statutory Notifications (S.R.O.)

GOVERNMENT OF PAKISTAN
NATIONAL ELECTRIC POWER REGULATORY AUTHORITY

NOTIFICATIONS

Islamabad, the 3rd January, 2022

S. R. O. 23(I)/2022.— Pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 and in accordance with Authority's Decision dated 30th July 2009 notified *vide* S.R.O No. 44(I)/2010 dated 19th January 2010, NEPRA hereby notifies the following adjustments in the approved tariff of AGL:

By the Order of Election Commission of Pakistan.

(YASIR BHATTI,
Deputy Commissioner/
District Returninig Officer (T.M. Khan).

3263 (1—65)

Price: Rs. 100.00

[9408(2022)/Ex. Gaz.]

Annex: NEPRA-CCCXV-A**Attock Gen Ltd. (AGL)****Fuel Price Calculation for the Period of 1st-15th November 2021**

Sr. No.	Description		US\$/M.Ton	Rs./M.Ton
A.	HSFO/LSFO Arab Gulf FOB Price		475.03200	82,303.61
B.	Black Product Premium		87.21413	15,110.64
C.		C&F Price (A+B)	562.24613	97,414.25
D.	Import Incidentals			
a.	Ocean Losses Maximum % of C	0.000%		-
b.	Marine Insurance % of C	0.100%		97.41
c.	War Risk Insurance actual % of C	0.050%		48.71
d.	Bank L/C Commission % of C	0.150%		146.12
e.	Bank Service Charges % of C	0.070%		68.19
f.	Local handling Charges % of C	0.150%		146.12
g.	Land port surveyor Charges	0.010%		9.74
h.	FOTCO Charges prevailing at the time of import	1.075%		1,047.20
i.	Wharfage Charges actual	0.135%		131.51
j.	Demurrage (if any) at actual			
k.	Import advalorem duty or any other duty imposed or levied by the GOP from time to time			
	Total Import Incidentals	1.74%		1,695.01
E.	Inland Freight Equalization Margin (8% of C) - D			6,098.13
F.	Import landed cost/Ex-Refinery Price (C+D+E)			105,207.39
G.	OMC Margin % of F	4.00%		4,208.30
H.	Market Price before GST (F+G)			109,415.69
Exchange Rate = Rs. 173.25909				
Adjustment in fuel cost component of Energy Charge part of tariff component is in accordance with the Section III a (iv) of SRO 44(I)/2010.				
FP(Rev) = Rs. 4.4166 per kWh * Rs.109,415.69 per M.Ton / Rs.22,415.17 per M.Ton = Rs. 21.5589 per kWh				

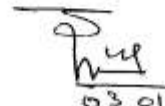
Annex: NEPRA-CCCXV-B

Attock Gen Ltd. (AGL)

Fuel Price Calculation for the Period of 16th- 30th November 2021

Sr. No.	Description		US\$/M.Ton	Rs./M.Ton
A.	HSFO/LSFO Arab Gulf FOB Price		448.47100	76,941.13
B.	Black Product Premium		92.93707	15,944.58
C.	C&F Price (A+B)		541.40807	92,885.72
D.	Import Incidentals			
a.	Ocean Losses Maximum % of C	0.000%		-
b.	Marine Insurance % of C	0.100%		92.89
c.	War Risk Insurance actual % of C	0.050%		46.44
d.	Bank L/C Commission % of C	0.150%		139.33
e.	Bank Service Charges % of C	0.070%		65.02
f.	Local handling Charges % of C	0.150%		139.33
g.	Land port surveyor Charges	0.010%		9.29
h.	FOTCO Charges prevailing at the time of import	1.075%		998.52
i.	Wharfage Charges actual	0.135%		125.40
j.	Demurrage (if any) at actual			
k.	Import advalorem duty or any other duty imposed or levied by the GOP from time to time			
	Total Import Incidentals	1.74%		1,616.21
E.	Inland Freight Equalization Margin (8% of C) - D			5,814.65
F.	Import landed Cost/Ex-Refinery Price (C+D+E)			100,316.57
G.	OMC Margin % of F	4.00%		4,012.66
H.	Market Price before GST (H+I)			104,329.24
Exchange Rate = Rs. 171,56323				
Adjustment in fuel cost component of Energy Charge part of tariff component is in accordance with the Section III a (iv) of SRO 44(I)/2010.				
FP(Rev) = Rs. 4.4166 per kWh * Rs.104,329.24 per M.Ton / Rs.22,415.17 per M.Ton = Rs. 20.5566 per kWh				

[Case No. NEPRA/TRF-55/AGL-2006]


 03 01 22
 (Syed Safeer Hussain)
 Registrar

Annex: NEPRA-CXXIV

Halmore Power Generation Company Limited
Adjustment on account of Fuel Price Variation for HSD

Description	Unit	Reference	Previous	Revised
HSD Price Ex-GST	Rs./MMBTU	954.2700	3,268.6096	3,945.4480
HSD Price Ex-GST (HHV)	Rs./Liter	32.4300	111.0704	134.0700
Calorific Value (Gross)	BTU/kg.	42,880.70	42,880.70	42,880.70
Specific Gravity		0.84	0.84	0.84
HHV-LHV Factor		1.06	1.06	1.06
Period	Description	Reference (Rs./kWh)	Previous (Rs./kWh)	Revised (Rs./kWh)
For Stock Purchased w.e.f November 1, 2021	Fuel Cost Component	6.7151	23.0009	27.7637

[Case No. NEPRA/TRF-85/HPGCL-2007]

9

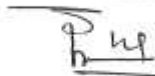
 03 01 22
 (Syed Safeer Hussain)
 Registrar

Annex: NEPRA – CXL1

Orient Power Company (Private) Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Fuel Price Variation for HSD

Period	Reference Price (Rs/Litre)	Previous Price (Rs/Litre)	Revised Price (Rs/Litre)	Reference FCC (Rs./kWh)	Previous FCC (Rs./kWh)	Revised FCC (Rs./kWh)
For stock purchased w.e.f. November 16, 2021	48.0230	122.6704	133.8432	9.9456	25.4051	27.7190

[Case No. NEPRA/TRF-124/OPCL-2009]

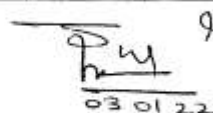
9

 03 01 22
 (Syed Safeer Hussain)
 Registrar

Annex: NEPRA-CXLIII

Sapphire Electric Company Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Fuel Price Variation for HSD

Period	Reference Price (Rs./Litre)	Previous Price (Rs./Litre)	Revised Price (Rs./Litre)	Reference FCC (Rs./kWh)	Previous FCC (Rs./kWh)	Revised FCC (Rs./kWh)
For stock purchased w.e.f. November 1, 2021	70.7	122.2072	133.9228	14.6399	25.3055	27.7315

[Case No. NEPRA/TRF-125/SEC1.-2009]


03 01 22

(Syed Safer Hussain)
Registrar

[illegible]

Annex-NEPRA-V-B

Compensation for Delayed Payments of Fuel Cost for Chashma Nuclear Power Plant -1
Generation Detail of Cycle-15, Reload-14

	1	2	3	4	5	6	7	8	9
	Month	Generation (GWh)	Recouped	Outstanding	Outstanding Rs Million	KIBOR	Premium	Time Lag compensation Rs Million	Present Value Rs Million
1	Feb-20	108.090	3.73%	96.27%	2,709.713	13.64%	2.00%	35.317	39.112
2	Mar-20	217.119	7.50%	88.77%	2,498.608	11.42%	2.00%	27.943	30.704
3	Apr-20	216.506	7.48%	81.29%	2,288.099	9.09%	2.00%	21.146	23.054
4	May-20	222.250	7.68%	73.61%	2,072.005	8.36%	2.00%	17.888	19.350
5	Jun-20	214.615	7.41%	66.20%	1,863.335	7.44%	2.00%	14.658	15.732
6	Jul-20	220.905	7.63%	58.57%	1,648.549	7.32%	2.00%	12.804	13.634
7	Aug-20	203.628	7.03%	51.53%	1,450.562	7.40%	2.00%	11.363	12.005
8	Sep-20	211.318	7.30%	44.23%	1,245.097	7.42%	2.00%	9.774	10.246
9	Oct-20	223.648	7.73%	36.51%	1,027.644	7.41%	2.00%	8.058	8.381
10	Nov-20	215.557	7.45%	29.06%	818.058	7.42%	2.00%	6.422	6.627
11	Dec-20	223.910	7.73%	21.33%	600.351	7.45%	2.00%	4.728	4.840
12	Jan-21	202.940	7.01%	14.32%	403.032	7.49%	2.00%	3.187	3.238
13	Feb-21	202.647	7.00%	7.32%	205.998	7.46%	2.00%	1.624	1.637
14	Mar-21	224.161	7.32%	-	-	7.51%	2.00%	-	0.000
15	Apr-21	107.117	-	-	-	7.47%	2.00%	-	0.000
	Total	3,014.411							188.558

o

Annex: NEPRA-XLIII

Northern Power Generation Company Limited- Nandipur Power Plant
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Fuel Price Variation for RLNG

Period	Reference RLNG Price LHV (Rs./MMBTU)	Reference Fuel Cost Component (Rs./kWh)	Provisional RLNG Price LHV (USD/MMBTU)	*Provisional RLNG Price LHV (USD/MMBTU)	**Exchange Rate	Provisional RLNG Price LHV (Rs./MMBTU)	Revised Fuel Cost Component (Rs./kWh)
w.e.f. October 1, 2021	956.9700	6.6636	14.8686	16.4678	170.6198	2,809.73	19.3648
w.e.f. October 9, 2021	956.9700	6.6636	14.8686	16.4678	171.3631	2,821.97	19.6500
w.e.f. October 16, 2021	956.9700	6.6636	14.8686	16.4678	174.4671	2,873.08	20.0059
w.e.f. October 24, 2021	956.9700	6.6636	14.8686	16.4678	171.9423	2,831.50	19.7164

*RLNG price is adjusted for HHV-LHV factor of 1.107553.

**Exchange rates applied by Fuel Supplier i.e. SNGPL and communicated by NPGCL-Nandipur.

[Case No. NEPRA/TRF-271/NPGCL(Nandipur)-2014]

S

h
030122
 (Syed Safeer Hussain)
 Registrar

Annex: NEPRA-L-A

Port Qasim Electric Power Company (Private) Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Coal Price(s) Variation for the Month of November 2021

Description	Quantity	Net CV	Coal Price		Exchange Rate
	Ton	kCal/Kg.	US\$/Ton	Rs/Ton	Rs/US\$
Coal Consumed from Stock:					
Consumption from Shipment No. 202139	39,176	5,519	154.22	24,716	160.26
Consumption from Shipment No. 202146	16,064	5,714	180.11	29,678	164.77
Consumption from Shipment No. 202147	51,044	5,518	191.35	32,281	168.70
Consumption from Shipment No. 202148	50,490	4,151	146.01	24,632	168.70
Consumption from Shipment No. 202149	49,599	4,775	170.44	28,754	168.70
Total Consumption:	206,372	5,020	167.31	27,923	166.89

Description	Unit	Reference	Previous	Revised
Avg. Price of stock consumed during the month	Rs./Ton	9,672	24,031	27,923
Avg. Net Calorific Value of stock consumed during the month	kCal/kg	4,521	4,914	5,020
Avg. Net Calorific Value of stock consumed during the month	BTU/kg	17,942	19,499	19,922
Net Heat Rates	BTU/kWh	8,707	8,707	8,707
Revised Fuel Cost Component	Rs./kWh	4.6936	10.7306	12.2036

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.

Annex: NEPRA-L-B

Port Qasim Electric Power Company (Private) Limited

Details of Shipments

For the Month of November 2021

Shipment Number	Unit	202146	202147	202148	202149
Vessel Name		MV ARION	MV TAJ SUMMIT	MV KENAN	MV ROSLYN
Bill of Lading Date (B/L)		30-Aug-21	3-Sep-21	6-Sep-21	18-Sep-21
L/C Number		-	-	-	-
Origin		South Africa	South Africa	Indonesian	Indonesian
ICI-3/API-4 Coal Price Index for the month of B/L Date	US\$/Ton	138.06	155.81	117.22	117.22
Base Calorific Value	kCal/Kg	6,000	6,000	4,600	4,600
Actual Calorific Value	kCal/Kg	5,714	5,518	4,151	4,775
Quantity	MT	49,207	51,044	51,000	50,100
FOB Coal Price Index as per B/L month Adjusted for CV	US\$/Ton	131.48	143.29	105.78	121.68
Marine Freight Charges	US\$/Ton	34.13	32.75	28.17	34.50
Marine Insurance	US\$/Ton	0.07	0.07	0.05	0.06
CLF Coal Price	US\$/Ton	165.68	176.11	134.00	156.23
Handling Loss 1% of CLF Coal Price or actual whichever is minimum	US\$/Ton	-	-	-	-
CLF Coal Price with losses at Karachi	US\$/Ton	165.68	176.11	134.00	156.23
Other Charges:	US\$/Ton	14.44	15.24	12.01	14.21
(i) Port Handling Charges	US\$/Ton	3.49	3.64	3.57	3.59
(a) PQA Royalty Charges	US\$/Ton	2.32	2.27	2.27	2.31
(b) Wharfage Charges	US\$/Ton	0.21	0.20	0.20	0.20
(c) Port Disbursement Account Charges at Load Port	US\$/Ton	0.41	0.60	0.52	0.54
(d) Port Disbursement Account Charges at Discharge Port	US\$/Ton	0.55	0.57	0.57	0.55
(ii) Custom Duties & Cess	US\$/Ton	10.79	11.45	8.28	10.46
(iii) Custom Clearance Charges	US\$/Ton	0.10	0.10	0.10	0.10
(iv) Draft Survey, Sampling, Sample preparation & Analysis Charges	US\$/Ton	0.05	0.05	0.05	0.05
Delivered Coal Price at Power Plant	US\$/Ton	180.11	191.35	146.01	170.44
Average Exchange Rate for the month of B/L	Rs./US\$	164.77	168.70	168.70	168.70
Delivered Coal Price at Power Plant	Rs./Ton	29,677.53	32,280.99	24,632.25	28,753.86

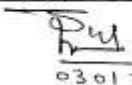
Annex: NEPRA-L-C

Port Qasim Electric Power Company (Private) Limited
Marine Freight
For the Month of November 2021

Description	Unit	MV ARION	MV TAI SUMMIT	MV KENAN	MV ROSLYN
Loading Port Name		RBCT	RBCT	Muara Banyuasin Anchorage, South Sumatra	Taboneo Anchorage, South Kalimantan
Origin		South Africa	South Africa	Indonesian	Indonesian
Delivery Days:					
Voyage	Days	27.04	27.04	21.73	26.08
At Port-Load	Days	2.14	2.20	6.88	6.76
At Port-Discharge	Days	2.47	2.09	2.54	2.50
Total	Days	31.65	31.33	31.14	35.35
Time Charter Rate	US\$/Day	38,169	38,246	33,542	35,325
Time Charter Cost	US\$	1,207,897	1,198,351	1,044,498	1,248,659
Bunker Consumption:					
Bunker during Voyage	Ton	878.72	878.72	706.06	847.64
Bunker during Port Days	Ton	23.04	21.48	47.08	46.33
Total	Ton	901.76	900.19	753.14	893.97
Bunker Price	US\$/Ton	523.00	526.00	521.00	537.00
Bunker Cost	US\$	471,621.17	473,502.48	392,384.64	480,063.57
Total Voyage Expense	US\$	1,679,517.85	1,671,853.56	1,436,882.52	1,728,722.84
Quantity	Tons	49,267	51,044	51,000	50,100
Marine Freight	US\$/Ton	34.13	32.75	28.17	34.50

*PDA Charges both at load and discharge ports have been included in Port Handling Charges.

[Case No. NEPRA/TRF-304/NPGCL.2015]


 03.01.22
(Syed Safer Hussain)
 Registrar

Annex: NEPRA-XXXIV

Engro Powergen Thar (Private) Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Thar Coal Price Variation for the month of October 2021

Variable Fuel Price				
Description	Quantity	Variable Coal Price*		Exchange Rate
	Tons	US\$/Ton	Rs./Ton	Rs./US\$
Coal Consumption:				
Consumption from Purchases During September 2021	125,928	16.55	2,762.20	166.90
Consumption from Purchases During October 2021	120,030	16.55	2,831.71	171.10
Total Consumption:	245,958	16.55	2,796.12	168.95

*Variable Coal Price including transportation 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 316,666.667 Tons	2,741,592,333	50.60	8,657.66	171.10
Total	2,741,592,333	50.60	8,657.66	171.10

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	2,796.12	8,657.66
Heat Rate	Btu/kWh	9,222.49	9,222.49	9,222.49	-
Heating Value of Thar Coal	MMBtu/ton	11.005	11.005	10.71	-
Capacity for the month	Gwh	-	-	-	446.8464
Fuel Cost Component		Rs. 1.1677/kWh	Rs. 2.5132/kWh	Rs. 2.4077/kWh	Rs. 6.1354/kWh

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

[Case No. NEPRA/IRF-301/EPTPL-2015]

9
 (Syed Safer Hussain)
 Registrar

Annex: NEPRA-LXXXI

Northern Power Generation Company Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Fuel Price Variation for RLNG

Description	Period	Reference RLNG Price (Rs./MMBTU)	Reference Fuel Cost Component (Rs./kWh)	Provisional RLNG Price (USD/MMBTU)	*Exchange Rate	Provisional RLNG Price (Rs./MMBTU)	Revised Fuel Cost Component (Rs./kWh)
GTPS Faisalabad Units 5-9	W.e.f. October 1, 2021	1450.75	13.1515	15.7828	170.6198	2692.86	24.4116
	W.e.f. October 9, 2021	1450.75	13.1515	15.7828	171.3631	2704.59	24.5179
	W.e.f. October 16, 2021	1450.75	13.1515	15.7828	174.4671	2753.58	24.9621
	W.e.f. October 24, 2021	1450.75	13.1515	15.7828	171.9423	2713.73	24.6008

*Exchange rates applied by Fuel Supplier i.e SNGPL and communicated by NPGCL.

[Case No. NEPRA/TRF-304/NPGCL-2015]


 05/01/22
 (Syed Safeer Hussain)
 Registrar

Annex: NEPRA-LVIII-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 November 2021

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 289	16,828	5,746	236.89	39,964	168.70
Consumption from Shipment No. HSR 290	42,387	5,836	297.85	51,361	172.44
Consumption from Shipment No. HSR 292	43,487	5,717	238.10	40,167	168.70
Consumption from Shipment No. HSR 293	43,530	5,803	295.65	50,983	172.44
Consumption from Shipment No. HSR 294	22,449	5,897	299.86	51,708	172.44
Total Consumption	168,681	5,796	276.06	47,286	171.29

Description	Unit	Reference	Previous	Revised
Avg. price of stock consumed during the month	Rs./Ton	13,605	33,997	47,286
Avg. net calorific value of stock consumed during the month	kCal/Kg	5,990	5,723	5,796
Avg. net calorific value of stock consumed during the month	BTU/Kg	23,768	22,712	23,000
Net Heat Rates	BTU/kWh	8,584	8,584	8,584
Revised Fuel Cost Component	Rs./kWh	4.9135	12.8493	17.6483

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.

Annex: NEPRA-LVIII-B

Huaneng Shandong Ruyi Energy (Private) Company Limited
Details of Shipments
For the Month of November 2021

Shipment Number	HSR 290	HSR 292	HSR 293	HSR 294
Vessel Name	MV PULION	MV UNITY SPIRIT	MV SKYEALL	MV IVS BOSCH HOEK
Bill of Lading (B/L) Date	2-Oct-21	19-Sep-21	6-Oct-21	8-Oct-21
L/C / TT Number		ICBC/LHE/RGC/20210930-02		
Origin	South Africa	South Africa	South Africa	South Africa
API-4 Index for the month of B/L Date	210.02	155.81	210.02	210.02
Base Calorific Value	6,000	6,000	6,000	6,000
Actual Calorific Value	5,836	5,717	5,803	5,897
Quantity	42,820	43,944	43,983	43,850
FOB Coal Price API-4 Index as per B/L month Adjusted for CV	204.28	148.46	203.12	206.41
Discount				
Marine Freight Charges	41.25	39.53	40.57	40.82
Marine Insurance	0.21	0.18	0.21	0.21
CIF Coal Price	245.74	188.16	243.90	247.45
Handling Loss 1% or actual whichever is minimum				
CIF Coal Price with losses at Karachi				
Other Charges:				
(i) Port Handling Charges	23.62	21.47	23.29	23.90
(ii) Port Quasi Royalty Charge	4.23	4.23	4.23	4.23
(iii) Customs Duties & Cess	2.40	2.40	2.40	2.40
(iv) LAC / TT Charges	14.75	12.60	14.65	15.09
(v) PDA Charges at Load Port	0.10	0.10	0.10	0.10
(vi) PDA Charges at Discharge Port	0.72	0.72	0.53	0.70
(vii) Freight Forwarding/Custom Clearance	1.08	1.08	1.05	1.06
(viii) Wharfage Charges	0.05	0.05	0.05	0.05
(ix) Commodity & Ash Fusion Temperature Inspection	0.20	0.20	0.20	0.20
Inland Freight Charges	0.08	0.09	0.08	0.08
Delivered Coal Price before adjustment of Handling Loss	25.54	26.11	25.54	25.54
Handling Loss 1% or actual whichever is minimum	294.90	235.74	292.73	296.89
Delivered Coal Price with losses at Power Plant	2.95	2.36	2.93	2.97
Exchange Rate	297.85	238.10	295.65	299.86
Delivered Coal Price with losses at Power Plant	172.44	168.70	172.44	172.44
	51,260.61	40,166.78	50,982.65	51,707.51

Annex: NEPRA-LVIII-C

Huaneng Shandong Ruyi Energy (Private) Company Limited
Marine Freight Calculation
For the Month of November 2021

Description		HSR 290	HSR 292	HSR 293	HSR 294
		MV PILION	MV UNITY SPIRIT	MV SKYFALL	MV IVS BOSCH HOEK
		PQA	PQA	PQA	PQA
Delivery Days:					
Voyage	Days	27.04	27.04	27.04	27.04
At Port	Days	6.71	6.86	6.86	6.85
Total Delivery Days	Days	33.75	33.90	33.90	33.88
Average Time Charter Rate	US\$/Day	37,102	36,378	37,201	37,445
Time Charter Cost	US\$	1,252,075	1,233,094	1,261,185	1,268,793
Bunker Consumption:					
Bunker during Voyage	Ton	878.72	878.72	878.72	878.72
Bunker during Port Days	Ton	33.55	34.30	34.32	34.23
MGO Consumption	Ton	3.90	3.90	3.90	3.90
Total	Ton	916.17	916.91	916.94	916.85
Bunker Price 0.5%	\$/Ton	561.00	549.00	570.00	568.00
MGO Price 0.1%	\$/Ton	685.00	658.00	700.00	710.00
Bunker Cost	US\$	514,452	503,811	523,163	521,326
Total Voyage Expense	US\$	1,766,527	1,736,905	1,784,348	1,790,118
Quantity	Tons	42,820	43,944	43,983	43,850
Marine Freight	US\$/Ton	41.25	39.53	40.57	40.82

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

Annex: NEPRA-LVIII-D

Huaneng Shandong Ruyi Energy (Private) Company Limited
Inland Freight Charges
For the Month of November 2021

Description	Reference	Revised			
		HSR 290	HSR 292	HSR 293	HSR 294
		MV PILION	MV UNITY SPIRIT	MV SKYFALL	MV IVS BOSCH HOEK
Fixed Freight Charges (FFC)	1.77	1.93	1.93	1.93	1.93
Variable Freight Charges (VFC)	0.81	1.04	1.04	1.04	1.04
(i) Fuel	0.40	0.60	0.60	0.60	0.60
(ii) O&M	0.40	0.44	0.44	0.44	0.44
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	3.92	3.92	3.92	3.92
Distance (Km)	1,060	1,060	1,060	1,060	1,060
Total Freight Charges (Rs/Ton)	3,743	4,158	4,158	4,158	4,158
Indexation Values:					
Consumer Price Index Base Year 2015-16	131.67	143.74	143.74	143.74	143.74
HSD Price (Rs./Liter)	87.12	128.46	128.46	128.46	128.46
Spurline Component:					
Spurline Component (Rs./ton)	189.82	246.68	246.68	246.68	246.68
Total Quantity Handled (Tons)	302,087	232,456	232,456	232,456	232,456
Inland Freight Charges with Spurline (Rs/Ton)	3,933	4,404	4,404	4,404	4,404
Exchange Rate	-	172.44	168.70	172.44	172.44
Inland Freight Charges with Spurline (USD/Ton)	-	25.54	26.11	25.54	25.54
Handling Month	-	Oct-21	Oct-21	Oct-21	Oct-21

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


 03 01 22
 (Syed Safer Hussain)
 Registrar

Annex: NEPRA-XXXII-A

China Power Hub Generation Company Private Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Coal Price Variation for the Month of November 2021

Description	Quantity	Net CV	Coal Price		Exchange Rate
	Ton	kCal/Kg.	US\$/Ton	Rs/Ton	Rs./US\$
Consumption from Stock:					
Consumption from Shipment No. 57	45,369	5,810	160.27	25,146	156.90
Consumption from Shipment No. 58	55,141	5,766	168.29	26,970	160.26
Consumption from Shipment No. 59	59,343	5,797	185.10	30,499	164.77
Consumption from Shipment No. 61	12,009	5,703	182.90	30,856	168.70
Total Consumption	171,862	5,784	173.00	27,979	161.73

Description	Unit	Reference	Previous	Revised
Avg. Price of stock consumed during the month	Rs./Ton	12,532	20,492	27,979
Avg. net calorific value of stock consumed during the month	kCal/Kg	6,441	5,230	5,784
Avg. net calorific value of stock consumed during the month	BTU/Kg	25,556	20,755	22,952
Net Heat Rates	BTU/kWh	8,749	8,749	8,749
Revised Fuel Cost Component	Rs./kWh	4.2913	8.6382	10.6651

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.

Annex: NEPRA-XXXII-B

China Power Hub Generation Company Private Limited
Detail of Shipmnet
For the month of November 2021

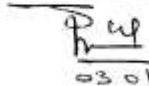
Shipment Number		58	59	61
Vessel Name		MV OCEAN SUCCESS	MV ULTRA DWARKA	MV BULK SPAIN
Bill of Lading (B/L) Date		5-Jul-21	2-Aug-21	19-Sep-21
L/C Number		LC28801C100128	LC28801C100146	LC28801C100201
Origin of Coal		South Africa	South Africa	South Africa
API-4 Index for the month of B/L Date	US\$/Ton	122.35	138.06	155.81
Base Calorific Value	kCal/Kg	6,000	6,000	6,000
Actual Calorific Value	kCal/Kg	5,766	5,797	5,703
Quantity	MT	55,303	59,574	162,298
FOB Coal Price API-4 Index as per B/L month Adjusted for CV	US\$/Ton	117.58	133.39	148.10
Discount	US\$/Ton	-	-	-
Marine Freight Charges	US\$/Ton	24.56	25.14	21.80
Marine Insurance	US\$/Ton	0.03	0.03	0.05
CIF Coal Price	US\$/Ton	142.17	158.57	169.95
Other Charges:	US\$/Ton	25.63	25.82	12.68
(i) CTS Charges/Port Handling Charges	US\$/Ton	4.29	4.23	1.50
(ii) Port Qasim Royalty Charge	US\$/Ton	2.30	2.27	-
(iii) Wharfage Charges	US\$/Ton	0.21	0.21	-
(iv) Customs Duties & Cess	US\$/Ton	9.20	10.14	10.63
(v) L/C Charges	US\$/Ton	0.10	0.10	0.10
(vi) PDA Charges at Load Port	US\$/Ton	0.96	0.63	0.37
(vii) PDA Charges at Discharge Port	US\$/Ton	0.70	0.61	0.04
(viii) Transportation and Loading Charges	US\$/Ton	7.84	7.62	-
(ix) Custom Clearance	US\$/Ton	0.03	0.03	0.01
(x) Pilotage Charges	US\$/Ton	-	-	0.03
Delivered Coal Price before adjustment of Handling Loss	US\$/Ton	167.80	184.38	182.63
Handling Loss 1% or actual whichever is minimum	US\$/Ton	0.49	0.72	0.28
Delivered Coal Price with losses at Power Plant	US\$/Ton	168.29	185.10	182.90
Exchange Rate	Rs./US\$	160.26	164.77	168.70
Delivered Coal Price with losses at Power Plant	Rs./Ton	26,970.33	30,498.60	30,855.95

Annex: NEPRA-XXXII-C

China Power Hub Generation Company Private Limited
Marine Freight Calculation
For the month of November 2021

Description	Unit	MV OCEAN SUCCESS	MV ULTRA DWARKA	MV BULK SPAIN
Loading Port Name		Maputo, Mozambique, South Africa	Richards Bay Coal Terminal, South Africa	Richards Bay Coal Terminal, South Africa
Discharge Port		PIBT	PIBT	CPHGC-CTS
Delivery Days:				
Voyage	Days	27.04	27.04	40.17
At Port	Days	4.69	4.97	11.26
Total Delivery Days	Days	31.72	32.01	51.43
Average Time Charter Rate	US\$/Day	28,062	31,708	50,487
Time Charter Cost	US\$	890,244	1,014,945	2,596,666
Bunker Consumption:				
Bunker during Voyage	Ton	878.72	878.72	1,727.48
Bunker during Port Days	Ton	23.43	24.86	61.92
Total	Ton	902.15	903.58	1,789.40
Bunker Price	US\$/Ton	519.00	534.40	526.15
Bunker Cost	US\$	468,218	482,871	941,494
Total Voyage Expense	US\$	1,358,461	1,497,816	3,538,161
Quantity	Tons	55,303	59,574	162,298
Marine Freight	US\$/Ton	24.56	25.14	21.80

[Case No. NEPRA/TRF-342/CPHGCL-2016]


 03 01 22
 (Syed Safeer Hussain)
 Registrar

Annex: NEPRA-LVII

National Power Parks Management Company Private Limited (Haveli Bahadar Shah)
Schedule of Fuel Cost Component on Combined Cycle Operation
Adjustment on Account of Fuel Price Variation for RLNG

Period	Reference RLNG Price HHV		Previous (Sep-2021) RLNG Price HHV	Reference Fuel Cost Component	Previous (Sep-2021) Fuel Cost Component	Revised Provisional RLNG Price HHV			Revised Fuel Cost Component
						USD/MMBTU	Exchange Rate Ru./USD	Ru./MMBTU	
	USD/MMBTU	Ru./MMBTU	Ru./MMBTU	Ru./Wh	Ru./Wh				Ru./Wh
w.e.f. October 1, 2021	10.8028	1,249.9953	2,425.4953	7.5966	14.7288	14.8686	170.6198	2,536.8776	15.4179
w.e.f. October 9, 2021	10.8028	1,249.9953	2,454.1528	7.5966	14.9151	14.8686	171.3631	2,547.9294	15.4850
w.e.f. October 16, 2021	10.8028	1,249.9953	2,446.3619	7.5966	14.8678	14.8686	174.4671	2,594.0815	15.7655
w.e.f. October 24, 2021	10.8028	1,249.9953	2,471.3317	7.5966	15.0195	14.8686	171.9423	2,556.5413	15.5374

*Exchange Rates applied by the Fuel Supplier i.e. SNGPL and Communicated by NPPMCL-Haveli Bahadar Shah.

[Case No. NEPRA/TRF-358/NPPMCL-2016]

03.01.22
 (Syed Safer Hussain)
 Registrar

Annex: NEPRA-LV

National Power Parks Management Company Private Limited (Balloki)
Schedule of Fuel Cost Component on Combined Cycle Operation
Adjustment on Account of Fuel Price Variation for RLNG

Period	Reference RLNG Price HHV		Previous (Sep-2021) RLNG Price HHV	Reference Fuel Cost Component	Previous (Sep-2021) Fuel Cost Component	Revised Provisional RLNG Price HHV			Revised Fuel Cost Component
						USD/MMBTU	Exchange Rate Ru./USD	Ru./MMBTU	
	USD/MMBTU	Ru./MMBTU	Ru./MMBTU	Ru./Wh	Ru./Wh				Ru./Wh
w.e.f. October 1, 2021	11.9053	1,448.2571	2,425.4953	8.8710	14.8446	14.8686	170.6198	2,536.8776	15.5391
w.e.f. October 9, 2021	11.9053	1,448.2571	2,494.1528	8.8710	15.0324	14.8686	171.3631	2,547.9294	15.6068
w.e.f. October 16, 2021	11.9053	1,448.2571	2,446.3619	8.8710	14.9847	14.8686	174.4671	2,594.0815	15.8895
w.e.f. October 24, 2021	11.9053	1,448.2571	2,471.3317	8.8710	15.1376	14.8686	171.9423	2,556.5413	15.6596

*Exchange Rates applied by the Fuel Supplier i.e. SNGPL and communicated by NPPMCL-Balloki.

[Case No. NEPRA/TRF-359/NPPMCL-2016]

03.01.22
 (Syed Safer Hussain)
 Registrar

Annex: NEPRA-XIII-A

FFBL Power Company Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Coal Price Variation

Description	Unit	Reference	Previous	Revised w.e.f. Nov 1, 2021
Coal Quantity (Net of Handling Loss)	Ton	-	38,770	59,147
Net Calorific Value of Stock	BTU/Kg.	23,512	23,014	21,946
Net Heat Rate	BTU/kWh	11,669	11,669	11,669
Coal Price	Rs./Ton	8,651	26,564	28,511
Fuel Cost Component	Rs./kWh	4,2939	13,4689	15,1597
Corresponding units to be delivered/billed	kWh	-	76,464,166	111,239,649

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.

Annex: NEPRA-XIII-B

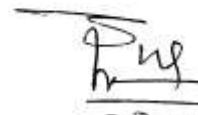
FFBL Power Company Limited
Details of Shipment

Vessel Name	Unit	MV CARAVOS LIBERTY
Bill of Lading Date	-	15-Aug-21
L/C Number	-	2221-040-2319-21
API-4 Index	-	138.06
Base Calorific Value	kCal/Kg	6,000
Actual Calorific Value	kCal/Kg	5,528
B/L Quantity	MT	59,744
FOB Coal Price API4 Index adjusted for CV	US\$/Ton	127.20
Marine Freight Charges	US\$/Ton	25.51
Marine Insurance	US\$/Ton	0.03
CIF Coal Price	US\$/Ton	152.74
Handling Loss 1% or actual whichever is minimum	US\$/Ton	-
CIF Coal Price with losses at Karachi	US\$/Ton	152.74
Other Charges:	US\$/Ton	16.48
(i) Port Handling Charges	US\$/Ton	6.71
(a) PIBT Charges	US\$/Ton	4.04
(b) PQA Royalty Charges	US\$/Ton	2.31
(c) Wharfage	US\$/Ton	0.21
(d) Leveling, Fast track & Inspection Charges	US\$/Ton	0.15
(ii) Customs Duty and Cess	US\$/Ton	9.74
(iii) LC Charges	US\$/Ton	0.02
Inland Freight Charges	US\$/Ton	2.10
Delivered Coal Price before adjustment of handling loss	US\$/Ton	171.32
Handling Loss 1% or actual whichever is minimum	US\$/Ton	1.71
Delivered Coal Price with losses at Power Plant	US\$/Ton	173.04
Exchange Rate Average B/L Month	Rs./US\$	164.77
Delivered Coal Price with losses at Power Plant	Rs./Ton	28,511

Annex: NEPRA-XIII-C**FFBL Power Company Limited
Marine Freight Calculation**

Description	Unit	MV CARAVOS LIBERTY
Delivery Days:		
Voyage	Days	26.92
At Port	Days	4.80
Total	Days	31.72
Average Time Charter Rate	US\$/Day	31,680
Time Charter Cost	US\$	1,004,856
Bunker Consumption:		
Bunker during Voyage	Ton	874.86
Bunker during Port Days	Ton	26.88
Total	Ton	901.74
Bunker Price	\$/Ton	529.20
Bunker Cost	US\$	477,200
Total Voyage Expense	US\$	1,482,057
Cargo Capacity	Tons	57,000
Marine Freight	\$/Ton	26.00
Port Disbursement Account RBCT	\$/Ton	0.47
Port Disbursement Account PQA	\$/Ton	0.66
Marine Freight Inclusive PDA	\$/Ton	27.13
Discount	\$/Ton	(1.62)
Marine Freight Requested/Invoiced	\$/Ton	25.51

[Case No. NEPRA/PAR-146/FFBL-2015]


03 01 22
(Syed Safeer Hussain)
Registrar